

# 乳牛の分娩前後の飼養法に関する研究

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| 誌名    | 茨城県畜産センター研究報告  |
| ISSN  | 13466488   |
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| 発行元   | 茨城県畜産センター  |
| 巻/号   | 36号  |
| 掲載ページ | p. 1-56  |
| 発行年月  | 2004年3月  |

茨城畜セ研報  
Bull.Ibaraki  
Pre.Liv  
Exp.Stn

ISSN 1346-6488

BULLETIN  
OF THE  
IBARAKI PREFECTURAL LIVESTOCK RESEARCH CENTER

No.36  
Mar 2004

茨城県畜産センター研究報告

第36号  
平成16年3月

10場所協定研究  
乳牛の分娩前後の飼養法に関する研究

(移行期の栄養水準が産乳と繁殖に及ぼす影響)



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# 移行期の栄養水準が産乳と繁殖に及ぼす影響

## 第3,4年次(平成13~14年度)

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# I 緒 言

当研究グループでは分娩前後の飼養管理に関する一連の研究に取り組み、特に、平成7年度からは環境問題への対応も念頭において蛋白質栄養の適正化に関する研究を実施した。平成7、8年度試験としてアミノ酸組成に優れ、ルーメンバイパス率の高い蛋白質飼料として魚粉を給与し、乳量、乳成分および繁殖性に及ぼす影響について検討した。その結果、繁殖成績については効果が認められなかったが、魚粉添加により乳量と乳成分量の向上が認められた<sup>2)</sup>。さらに、平成9、10年度試験として、泌乳初期に不足しがちなアミノ酸であるメチオニンをバイパス製剤として飼料に添加し、乳量、乳成分および繁殖性に及ぼす影響について検討した結果、粗蛋白(CP)濃度がやや低い場合にバイパスメチオニンの添加により、乳生産が維持されることと飼料中のCPレベルの低下による糞尿中への窒素負荷の低減効果のあることを明らかにした<sup>1)</sup>。以上のように、一連の研究により、泌乳前期の蛋白質栄養に関する新たな知見を積み重ねつつある。

近年、分娩前後の管理の中でも、分娩前3週間からの移行期の重要性が認識されてきた。しかし、この時期の蛋白質水準については国内外で研究が少なく明瞭な指針がない。また、乳牛の耐用年数も短縮しており初妊牛の牛群内の重要性が高まっている。初妊牛の分娩前は育成後期として見なされており、分娩前の栄養要求量に関する研究は少ない。そこで、分娩前3週間(移行期)の栄養水準が分娩前後の健康と産乳、および繁殖に及ぼす影響について検討し、最適な蛋白質水準を解明する。

実験は4年間にわたって実施し、1、2年次は、経産牛、3、4年次は初妊牛を対象として、移行期の蛋白質水準について検討した。経産牛の検討では、移行期の飼料乾物中CP含量を14%とすると12%と比べて分娩後の乳量は増加したが、繁殖性が低下した。そのため、経産牛の移行期の適正な飼料乾物中CP含量は12%、充足率は110%程度と考えられた<sup>3)</sup>。

本報告では、3、4年次に経産牛と同様の飼料設計で実施した初妊牛の成績を取りまとめた。

## II 材料と方法

### 1 供試牛および試験期間

参画10場所の初妊牛のホルスタイン種牛70頭を供試した。試験期間は、分娩予定日前の63日間（9週間）と、分娩後5日目から14週間（102日目）までの全23週間とし、分娩予定日の9週間前から3週間前までを分娩前期、それから分娩までを移行期、分娩後を泌乳期とした。なお、繁殖成績については分娩後20週（144日目）まで観察記録した。

### 2 区の設定

処理は移行期のみとし、日本飼養標準 乳牛<sup>1)</sup>に示された維持と増体日量0.3kgおよび妊娠時に要する蛋白質要求量に対してその100%を給与する低CP区と120%を給与する高CP区の2区を設定した。なお、TDN給与量は両区とも要求量の100%とした。

### 3 供試飼料

購入チモシー乾草とアルファルファヘイキューブ及び濃厚飼料をTMRの形態で給与した。TMRの配合割合と推定成分値は表1のとおりである。前期は導入期間として全区とも同様に管理し、移行期は低CP区と高CP区に分けて給与した。分娩後（泌乳期）は両区同様に管理した。なお、4年次の泌乳期配合飼料は飼料の安全性の確保及び品質の改善に関する法律に基づく飼料及び飼料添加物の成分規制等に関する省令の改正に伴い、TDN、CP濃度に変更が生じないよう動物性由来の成分を除外した濃厚飼料を供した。

なお、濃厚飼料は指定配合飼料として、全酪連同一工場で調製したものを全場所で使用した。チ

モシー乾草とアルファルファヘイキューブも同一ロットを一括購入し、全場所で使用した。

### 4 飼料の給与方法

#### 1) 前期（分娩予定日63日前から21日前までの6週間）

チモシー乾草60%、ヘイキューブ30%、および低CP区用配合飼料10%からなるTMR飼料（表1）を用いて、日本飼養標準（1999年版）による維持+増体日量0.3kg+妊娠のTDN要求量の100%を給与した（CP水準は約100%となる）。

#### 2) 移行期（分娩予定日21日前から分娩日までの3週間）

飼料構成は、チモシー乾草、アルファルファヘイキューブおよび高あるいは低CP区用指定配合飼料をそれぞれ表1のと通りの割合とし、TMRの形態でTDN充足率が100%になるように給与した。

#### 3) 泌乳期（分娩後14週間）

分娩後4日間は分娩直前の給与量を維持することを原則としたが、配合飼料は泌乳期用配合と移行期用配合とを半々に混合して慣らした。分娩後5日目からは、できるだけ早く乾物摂取量を上げるため、牛の健康状態を観察しながら供試飼料を飽食させた。飼料構成は、チモシー乾草、アルファルファヘイキューブおよび泌乳期用配合飼料とし、表1に示した割合でTMRとしてやや残餌がでる量を給与した。

なお、これまでの協定研究で用いられてきた、脂溶性ビタミン類、ミクロミネラル及びビタミン添加剤<sup>2)</sup>は分娩前50g、分娩後100gを両区に給与した。また、試験期間中に給与したTMRの成分を飼料成分分析値より算出し表2に示した。

表1 TMR配合割合と推定成分値

| 単味飼料       | 分娩前期 | 移行期  |      | 泌乳期  |      |
|------------|------|------|------|------|------|
|            |      | 低CP区 | 高CP区 | 3年次  | 4年次  |
| とうもろこし     | 7.5  | 26.1 | 19.3 | 30.8 | 19.8 |
| 大麦         | -    | -    | -    | 3.9  | 7.2  |
| 小麦粉        | 0.2  | 0.7  | 0.7  | -    | -    |
| ふすま        | 0.4  | 1.4  | 0.8  | 1.3  | 3.5  |
| 乾燥ビール粕     | -    | -    | -    | -    | 2.7  |
| 大豆皮        | 0.3  | 0.9  | 0.9  | -    | -    |
| 大豆油粕       | 0.4  | 1.4  | 5.3  | 7.5  | 7.5  |
| soyPLUS    | 0.3  | 1.1  | 5.3  | 2.9  | 2.7  |
| コーングルテンミール | -    | -    | -    | 0.9  | 1.8  |
| 魚粉(65%)    | -    | -    | -    | 1.2  | -    |
| 糖蜜         | 0.2  | 0.6  | 0.6  | -    | -    |
| ルーサンミール粉砕  | 0.2  | 0.7  | -    | 0.9  | -    |
| ビートパルプ     | 0.5  | 1.8  | 1.8  | 3.6  | 7.2  |
| 綿実         | -    | -    | -    | 6.0  | 6.0  |
| 脂肪酸カルシウム   | -    | -    | -    | -    | 0.9  |
| 炭酸カルシウム    | 0.1  | 0.2  | 0.2  | 1.0  | 0.4  |
| 第2リン酸カルシウム | -    | -    | -    | -    | 0.4  |
| 酸化マグネシウム   | 0.1  | 0.2  | 0.2  | -    | -    |
| チモシー乾草     | 60.0 | 40.0 | 40.0 | 26.0 | 26.0 |
| ヘイキューブ     | 30.0 | 25.0 | 25.0 | 14.0 | 14.0 |

|        | DM%  |      |      |      |      |
|--------|------|------|------|------|------|
|        | 分娩前期 | 移行期  |      | 泌乳期  |      |
|        |      | 低CP区 | 高CP区 | 3年次  | 4年次  |
| CP     | 12.0 | 12.7 | 15.3 | 17.0 | 16.6 |
| UIP/CP | 29.1 | 34.4 | 34.4 | 37.8 | 36.9 |
| TDN    | 63.4 | 69.6 | 69.5 | 75.8 | 75.5 |
| NFC    | 22.8 | 33.5 | 29.9 | 33.5 | 29.7 |
| NDF    | 53.6 | 42.1 | 41.7 | 33.8 | 36.5 |
| Fat    | 2.3  | 2.5  | 2.5  | 4.3  | 4.0  |
| Ca     | 0.6  | 0.6  | 0.6  | 0.7  | 0.8  |
| P      | 0.2  | 0.3  | 0.3  | 0.3  | 0.4  |

表2 TMR成分(分析値)

|        | DM%  |      |      |      |      |
|--------|------|------|------|------|------|
|        | 分娩前期 | 移行期  |      | 泌乳期  |      |
|        |      | 低CP区 | 高CP区 | 3年次  | 4年次  |
| CP     | 10.3 | 11.5 | 14.1 | 15.7 | 16.0 |
| UIP/CP | 29.1 | 34.4 | 34.4 | 37.8 | 36.9 |
| TDN    | 62.6 | 69.2 | 69.1 | 75.5 | 75.2 |
| NFC    | 23.6 | 34.9 | 32.1 | 39.1 | 37.6 |
| NDF    | 55.2 | 43.2 | 43.1 | 34.1 | 35.4 |
| Fat    | 1.9  | 2.5  | 2.5  | 4.4  | 3.5  |
| Ca     | 0.7  | 0.6  | 0.6  | 0.7  | 0.8  |
| P      | 0.2  | 0.3  | 0.3  | 0.4  | 0.3  |

## 5 飼養管理

個体毎に管理し、敷料は稲わらを使用せず、大鋸屑、牛床マットを使用した。運動は1日4、5時間、草のないパドックに放牧し、発情観察等を行った。搾乳回数は1日2回、搾乳間隔は各場所の慣行によった。

## 6 測定項目及び測定方法

### 1) 体重とボディコンディションスコア (BCS)

分娩前の基礎体重は試験開始時体重とし、試験開始(分娩予定日の63日前)直前の3日間の平均とした。分娩後基礎体重は、分娩2日後から3日間の平均とし、期間中体重は週毎に測定した。

BCSは1～5までとし0.25刻みで体重測定時に毎週測定した。

### 2) 飼料摂取量の測定

飼料摂取量は飼料給与の度に残飼料を記録し、給与量から差し引いて測定した。

### 3) 養分摂取量

供試飼料の成分値と日本標準飼料成分表の該当飼料の消化率及び非分解率から算出した。

### 4) 乳質検査

生乳は夕、朝採取し、乳脂率、乳蛋白質率、無脂固形分率はミルコスキャンによって、体細胞数はフォスマチックによって毎週測定した。なお尿素は別途100mlを凍結保存し分析可能場所で分析した。

### 5) 消化試験

分娩10日前後の3日間においてハーネスを用いた全糞尿採取による消化試験および窒素出納試験を行った。

### 6) 血液検査

試験開始時(分娩予定前63日)、分娩1週間前(消化試験直後)、分娩後0日目、1週(7日目)、3週(21日目)、7週(49日目)に頸静脈より採

血し、ヘマトクリット(Ht)、血漿中グルコース、血漿中尿素窒素(BUN)、遊離脂肪酸(NEFA)、Ca、Pを測定した。採血時刻は午後1時前後(朝の飼料給与から6時間後)とした。

### 7) ルーメン液の検査

分娩1週間前(消化試験直後)、分娩後7週目に、カテーテルによりルーメン液を採取した。採取時刻は午後1時とした。採取後pHを測定した後、50mlを凍結保存し、揮発性脂肪酸(VFA)及びアンモニア態窒素(NH<sub>3</sub>-N)の分析に供した。

### 8) 泌乳成績

1日乳量は夕、朝の搾乳量の合計とした。乳量は分娩後5日目から7日毎に週乳量を集計し、1日平均乳量を算出した。なお、牛乳生産効率率は次式により算出した。

牛乳生産効率

$$=(750\text{kcal}\times\text{FCMkg})/(3999\text{kcal}\times\text{TDNkg})\times 100$$

### 9) 繁殖成績

繁殖成績は分娩後の発情回帰日数、初回授精までの日数、受胎の有無、受胎までに要した日数、授精回数、受胎率について調査した。発情回帰日数は、被乗駕と外部徴候が伴う発情を発見した日までとし、発情観察は原則として朝夕2回、1回に最低30分観察した。分娩後の初回授精までの日数は、分娩後初めての授精までに要した日数で、初回授精はおおむね分娩後45日以降とした。受胎日数は、分娩後受胎までに要した日数とし、授精回数は、受胎までの授精回数で1発情中の多回授精は1回とみなした。受胎率は、試験期間内に受胎した頭数を供試頭数で除したものとした。

なお、繁殖障害の発生状況は、付表2のとおり症状によって疾病を決定した。

### 10) 分娩時の調査

分娩の難易度は5段階で評価記録した<sup>9)</sup>。産子の生時体重、胎盤停滞の有無と胎盤重量について

も調査した。

### 11) 健康状態及び疾病発生状況

ケトosis検査は、乳中ケトン体測定試薬を用いて、毎週1回乳成分検査時に行った。乳房炎については、黒布法によるチェックを行い、必要に応じてPLテスターを用いた。事故等については、発生の都度、臨床所見、治療経過を記録した。

## 7 統計処理

各場所において個体別成績を調査項目毎に整理し、茨城県畜産センターで一括集計分析した。統計処理はSAS GLMプロシジャー<sup>16)</sup>により、分割区法、乱塊法および $\chi^2$ 検定によって行った。

## III 結果および考察

### 1 体重と飼料摂取量

#### 1) 分娩前摂取量

分娩前9週間における体重と飼料摂取量等の平均値を表3に示した。飼料摂取の状況は、低CP区が乾物(DM)摂取量10.21kg/日、TDN摂取量6.64kg/日(充足率91.5%)、高CP区がDM摂取量10.42kg/日、TDN摂取量6.78kg/日(充足率95.2%)であり、DM、TDN摂取量において区間の差は認められなかった。

表3 体重と飼養成績(分娩前)

| 項目      |      | 低CP区      |      | 高CP区      |      | 有意差 |       |
|---------|------|-----------|------|-----------|------|-----|-------|
|         |      | $\bar{X}$ | SE   | $\bar{X}$ | SE   | 処理間 | 処理×週次 |
| 体重      | kg   | 608.8     | 8.0  | 602.6     | 8.0  |     |       |
| 体重/基礎体重 | %    | 105.5     | 0.6  | 105.8     | 0.6  |     | **    |
| BCS     | スコア  | 3.32      | 0.03 | 3.36      | 0.03 |     |       |
| DM      | kg/日 | 10.21     | 0.14 | 10.42     | 0.14 |     |       |
| DM/体重   | %    | 1.67      | 0.02 | 1.74      | 0.02 |     |       |
| TDN     | kg/日 | 6.64      | 0.09 | 6.78      | 0.09 |     |       |
| TDN充足率  | %    | 91.5      | 1.3  | 95.2      | 1.3  | +   |       |
| CP      | kg/日 | 1.11      | 0.02 | 1.21      | 0.02 | **  | **    |
| CP充足率   | %    | 91.5      | 1.5  | 101.1     | 1.5  | **  | **    |
| UIP     | kg/日 | 0.33      | 0.01 | 0.38      | 0.01 | **  | **    |

$\bar{X}$ : 最小自乗平均, SE: 標準誤差

(+P<0.10 \*\*P<0.01)

日本飼養標準に示された維持と増体日量(0.3kg)および妊娠時に要するTDNの充足率は90~95%となった。充足率100%を満たした供試牛は、低CP区で14.3%(5/35)、高CP区で20.0%(7/35)となり、充足率が80%に満たなかった供試牛は、低CP区で5.7%(2/35)、高CP区で8.6%(3/35)であった。大半の供試牛はTDN充足率が80%以上となったが、100%に満たなかった。分娩前期の平均TDN摂取量は、低CP区で6.41kg/日、

高CP区で6.60kg/日、移行期においては、低CP区で7.10kg/日、高CP区で7.15kg/日となった。これらのTDN摂取量は、日本飼養標準に示された維持と0.1kgの増体日量および妊娠時に要するTDNを満たす摂取量となった。

CP摂取量は、分娩前9週の平均で低CP区が1.11kg/日(充足率91.5%)、高CP区が1.21kg/日(充足率101.1%)で有意差が認められた(p<0.01)。また、分娩前3週間(移行期)のCP摂

取量は、図1に示すように低CP区で1.20kg/日（充足率93%）、高CP区で1.44kg/日（充足率114%）、供試飼料中のCP含量は11.5%と14.1%となり分娩3週間前に区間の差を設けることができた（図1）。CP充足率は、試験設計どおりの100%と120%にはならなかった。この原因としては、給与粗飼料のCP含量が設計値に比べ低かったことも一因であるが、表3に示すように体重に対するDM摂取量は、低CP区で1.67%、高CP区で1.74%であり、設計飼料摂取量が1.89%であったため、給与飼料を供試牛が採食しきれなかったことが主因と考えられる。そのようなことから、TDN及びCPの充足率も低下したと考えられる。分娩前の約1週間に30%程度DM摂取量が低下すると泌乳成績低下や周産期疾患に陥りやすいと言ったような報告<sup>12)</sup>もあるが、今回供試された初妊牛で、分娩前1週間のDM摂取量が30%以上の低下が見られた供試牛は1.4%(1/70頭)であり、分娩前1週間のDM摂取量の摂取率は前週と比較し、低CP区で96.5%、高CP区で95.9%と軽度な低下は認められたが、飼料の摂取状況からは、泌乳成

績や疾病発生率等に影響を及ぼすような供試牛はいなかったものと考えられる。

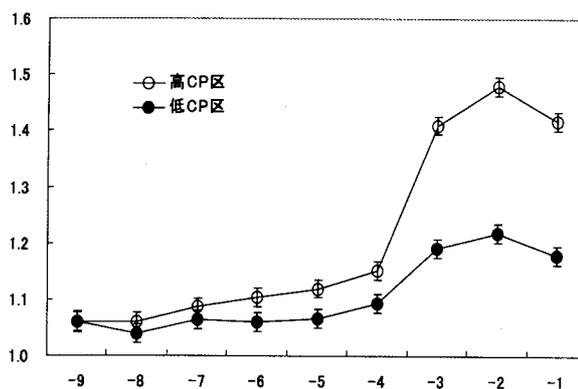


図1 CP摂取量（分娩前）

## 2) 分娩後摂取量

分娩後14週間における体重と飼料摂取量等の平均値を表4に示した。飼料摂取の状況は、低CP区がDM摂取量17.2kg/日、TDN摂取量12.98kg/日（充足率87.4%）、CP摂取量2.73kg/日（充足率96.7%）、高CP区はDM摂取量17.1kg/日、TDN摂取量12.98kg/日（充足率87.1%）、CP摂取量2.73kg/日（充足率95.7%）であり、区間の差は認められなかった。

表4 体重と飼養成績（分娩後）

| 項目      |      | 低CP区      |      | 高CP区      |      | 有意差<br>処理間 処理×週次 |
|---------|------|-----------|------|-----------|------|------------------|
|         |      | $\bar{X}$ | SE   | $\bar{X}$ | SE   |                  |
| 体重      | kg   | 556.2     | 7.9  | 541.0     | 7.8  |                  |
| 体重/基礎体重 | %    | 96.8      | 0.7  | 94.5      | 0.7  | *                |
| BCS     | スコア  | 3.0       | 0.03 | 2.9       | 0.03 |                  |
| DM      | kg/日 | 17.2      | 0.4  | 17.1      | 0.4  |                  |
| DM/体重   | %    | 3.05      | 0.05 | 3.12      | 0.05 |                  |
| TDN     | kg/日 | 12.98     | 0.28 | 12.98     | 0.28 |                  |
| TDN充足率  | %    | 87.4      | 1.6  | 87.1      | 1.6  |                  |
| CP      | kg/日 | 2.73      | 0.06 | 2.73      | 0.06 |                  |
| CP充足率   | %    | 96.7      | 1.8  | 95.7      | 1.8  |                  |
| UIP     | kg/日 | 1.07      | 0.03 | 1.07      | 0.03 |                  |

(\*P<0.05)

### 3) 体重の推移

体重の推移を図2に示した。表3で示したように分娩前9週間の平均体重、基礎体重比に差は見られなかった。飼料摂取量は分娩1週間前で軽度な低下が認められたが、体重は分娩まで増加していた。分娩後の平均体重は、表4で示したように低CP区が556.2kg、高CP区が541.0kgと差は見られなかったものの、体重/基礎体重比は、低CP区が96.8%、高CP区が94.5%と両区に有意差 ( $p < 0.05$ ) が認められた。

試験開始直前に計測する分娩前基礎体重は低CP区で574.9kg、高CP区で570.1kgであった。分娩1週前の平均体重は、低CP区で632.8kg、高CP区で627.5kgと9週間の分娩前基礎体重に対する増加は、低CP区で57.9kg増 (10.1%増)、高CP区で57.4kg増 (10.1%増) とほぼ同様に増加していた。しかし、分娩後3日間測定した基礎体重は低CP区で566.6kg、高CP区で572.7kgと高CP区が6.7kg高くなり、分娩後1週目の体重は低CP区で562.4kg、高CP区で549.2kgと低CP区が13.2kg高くなった。分娩直後において低CP区で66.2kg、高CP区で54.8kg減少し、分娩後1週ままで低CP区が70.4kg、高CP区が78.3kg減少した。この結果

から、低CP区は分娩直後に急激に体重が減少し体重が増加する6週まで変動が少ないが、高CP区は低CP区より体重の減少量は7.9kg大きかったが緩やかに体重の減少が生じたように見うけられた。これらの体重変動の違いが、統計上の体重/基礎体重に有意差をつけたと考えられた。分娩9週前 (試験1週目) の低CP区と高CP区の平均体重の差は11.3kg低CP区が高く、分娩後14週目においても平均体重の差は14.8kgと低CP区が高かったが、統計上両区間の週次間体重には差が見られなかった。

また、分娩直後低CP区では5週目に最大86.4kg減少し、高CP区では4週目までの間に最大99.2kg減少し両区の平均体重間に最大18.6kgの差が見られたが、14週目に平均体重の差が14.8kgまで回復した。

BCSは、試験期間を通して両区に有意差は認められなかったが、分娩後3週までは高CP区が高く推移し、6週以降は低CP区が高く推移した。これらのことから、分娩直後の状態はBCSの変動が少ない高CP区の方が良いように思われた (図3)。

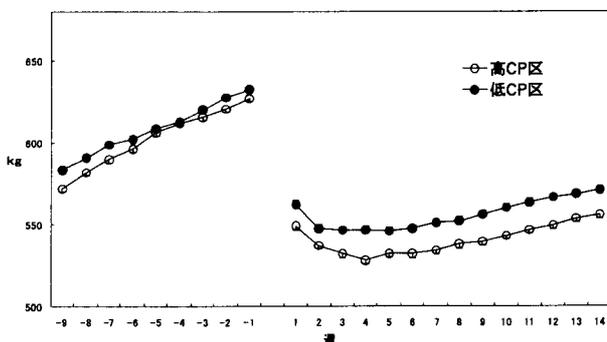


図2 体重

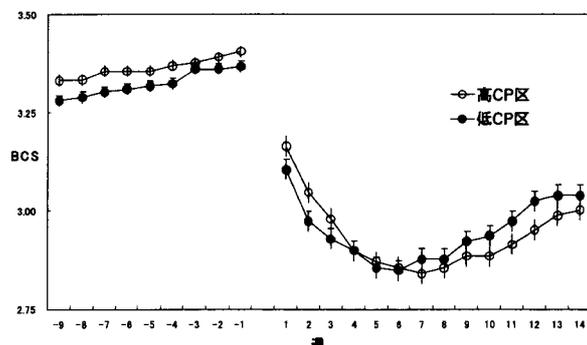


図3 BCS

#### 4) 飼料摂取量の推移

DM摂取量、TDN摂取量およびTND充足率の推移を図4～6に示した。DMおよびTDN摂取量は、全期間を通し両区とも同様に推移し、分娩後摂取量のピークが両区とも12週目に見られた。体重の変化から判断すると、今回の試験では初産牛は分娩後4～6週に体重の維持と産乳に要するTDN量を摂取するようになったが、日本飼養標準において初産牛に給与することが推奨されているTDN量（維持に要するエネルギー量は30%増

とする）は分娩後12週においても摂取できなかったと考えられた。

分娩後10週にTDN充足率が高CP区で低下したことは、反復試験の後半（2年次）で、1～2kgのDM摂取量が低下した供試牛が低CP区で2頭（2/17）に対し高CP区で5頭（5/17）と多く発生したことが影響していると考えられた。しかし、これらの供試牛が同様の症状及び疾患に陥ったとは考えがたく、その後のDM摂取量も増加しており問題はないと思われた。

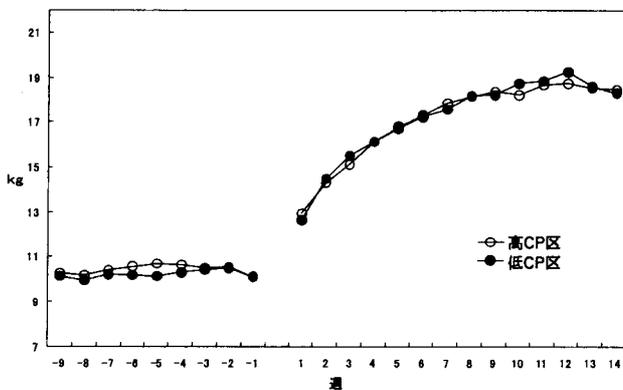


図4 DM摂取量

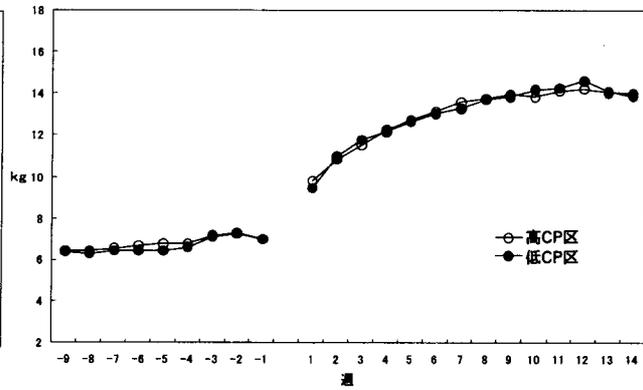


図5 TDN摂取量

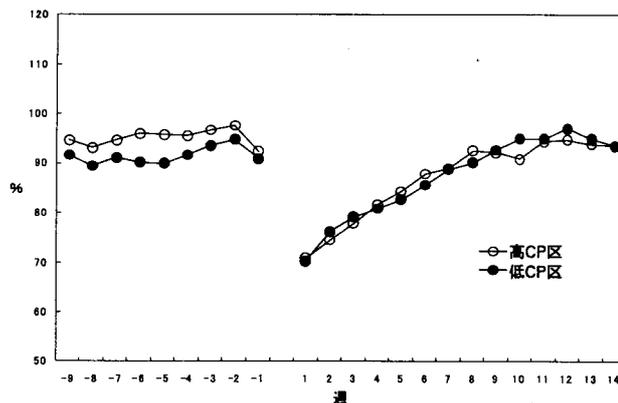


図6 TDN充足率

## 2 産乳成績

表5 産乳成績 (14週間)

| 項目                 |       | 低CP区      |      | 高CP区      |      | 有意差 |       |
|--------------------|-------|-----------|------|-----------|------|-----|-------|
|                    |       | $\bar{X}$ | SE   | $\bar{X}$ | SE   | 処理間 | 処理×週次 |
| 平均乳量               | kg/日  | 28.11     | 0.59 | 29.59     | 0.59 |     |       |
| 平均FCM乳量            | kg/日  | 28.41     | 0.67 | 29.50     | 0.67 |     |       |
| 平均SCM乳量            | kg/日  | 27.92     | 0.64 | 28.96     | 0.63 |     |       |
| 乳脂率                | %     | 4.11      | 0.09 | 4.01      | 0.08 |     | +     |
| 乳脂量                | kg/日  | 1.14      | 0.03 | 1.17      | 0.03 |     |       |
| 蛋白質率               | %     | 3.13      | 0.04 | 3.08      | 0.03 |     |       |
| 蛋白質量               | kg/日  | 0.88      | 0.02 | 0.91      | 0.02 |     |       |
| 無脂固形分率             | %     | 8.67      | 0.05 | 8.67      | 0.05 |     |       |
| 無脂固形分量             | kg/日  | 2.43      | 0.05 | 2.56      | 0.05 | +   |       |
| 牛乳生産効率             | %     | 42.0      | 0.9  | 43.3      | 0.9  |     |       |
| 乳中尿素               | mg/dl | 32.9      | 0.7  | 32.9      | 0.7  |     |       |
| 体細胞数 <sup>a)</sup> | 千個/ml | 1.7       | 0.2  | 1.6       | 0.2  |     |       |

a) 自然対数値を用いて計算

(+P<0.10)

分娩後14週間の産乳成績を表5に示した。低CP区で平均乳量が28.11kg/日、平均4%脂肪補正乳(FCM)量が28.41kg/日、平均固形物補正乳(SCM)量が27.92kg/日、牛乳生産効率が42.0%で、高CP区で平均乳量が29.59kg/日、平均FCM量が29.50kg/日、平均SCM量が28.96kg/日、牛乳生産効率が43.3%であった。乳脂率、乳蛋白質率および無脂固形分率は、低CP区において4.11%、3.13%および8.67%であり、高CP区で4.01%、3.08%および8.67%であり、乳脂量、乳蛋白質量および無脂固形分量は、低CP区で1.14kg/日、0.88kg/日および2.43kg/日、高CP区で1.17kg/日、0.91kg/日および2.56kg/日であっ

た。両区において有意な差は認められなかったが、高CP区が低CP区より産乳性が高い成績が得られた。また、試験期間14週の1頭当たりの平均総乳量では、低CP区が2,761kg、高CP区で2,913kgであった。

乳量および乳成分等の推移を図7~11に示した。乳量は図7で示すように、DM摂取量の増加に伴い平均日乳量が低CP区で分娩後8週、高CP区で9週目に最大値となり、分娩10週以降では平均日乳量が2kg程度高CP区で高く推移した。さらに追跡調査を行えば、泌乳期全般では高CP区の平均日乳量はより高くなると予想される。

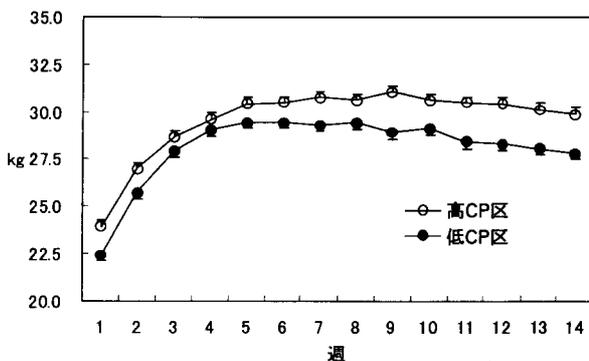


図7 乳量

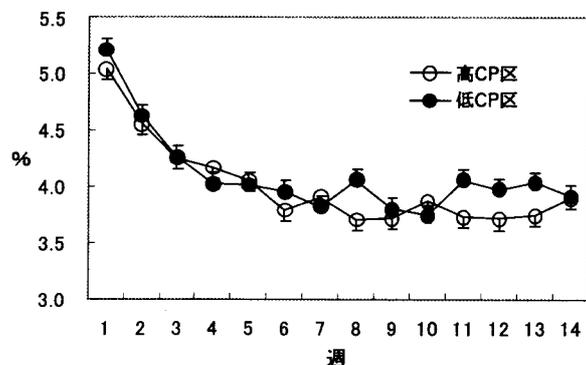


図8 乳脂率

分娩前後の研究報告では、経産牛の分娩前の移行期に高蛋白飼料の給与により、泌乳期の乳量が影響されたという報告は少ない<sup>4,9,10,15)</sup>。しかし、初妊牛では移行期のCP含量を15.3%、14.7%、14.4%とした場合、11.7~12.7%の低蛋白区より高蛋白区が泌乳成績が良かったと報告している<sup>6,14,15)</sup>。明らかに産乳成績が良いとしている報告は、全泌乳期を比較したものであり、平均日乳量は2 kg/日、FCM量は3.1kg/日、高蛋白区が高かったとしている<sup>6)</sup>。今回の試験成績からも分娩前の

蛋白質摂取量を高めることによって泌乳性が高まることが示唆された。

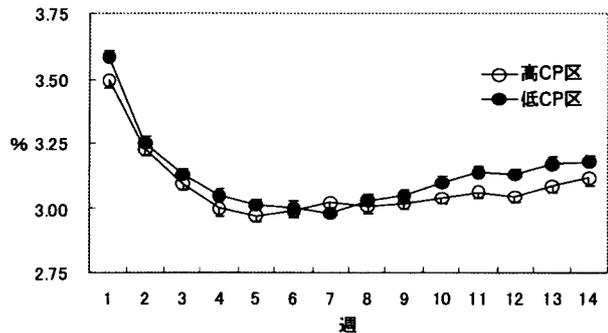


図9 乳蛋白率

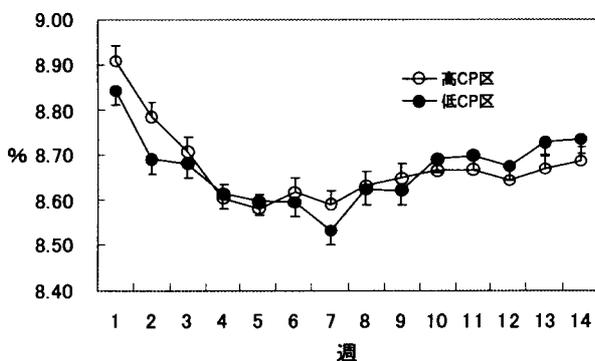


図10 無脂固形分率

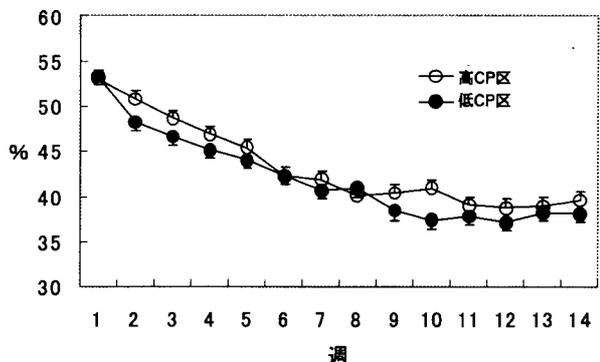


図11 牛乳生産効率

### 3 消化試験、血液およびルーメン液分析値

分娩予定10日前に実施した消化試験の結果を表6に示した。摂取窒素量は、低CP区で191.8g、高CP区で242.7gと有意 (p<0.01) な差が見られた。糞中の窒素排泄量は、低CP区で68.0g、高CP

区で68.8gと差は見られなかったが、尿中への窒素排泄量は、低CP区が73.5g、高CP区が92.9gで高CP区が有意 (p<0.01) に高い値を示した。また、蓄積量は低CP区で50.2g、高CP区で81.0gと高CP区が有意 (p<0.01) に高かった。

表6 消化試験成績

| 項目       |      | 低CP区      |     | 高CP区      |     | 有意差<br>処理間 |
|----------|------|-----------|-----|-----------|-----|------------|
|          |      | $\bar{X}$ | SE  | $\bar{X}$ | SE  |            |
| 糞量       | 日 kg | 23.0      | 0.7 | 22.3      | 0.7 |            |
| 尿量       | 日 kg | 10.0      | 0.4 | 10.1      | 0.4 |            |
| 摂取窒素量    | g    | 191.8     | 5.1 | 242.7     | 5.0 | **         |
| 糞中窒素     | g    | 68.0      | 1.7 | 68.8      | 1.7 |            |
| 尿中窒素     | g    | 73.5      | 3.8 | 92.9      | 3.7 | **         |
| 蓄積量      | g    | 50.2      | 5.4 | 81.0      | 5.3 | **         |
| DM消化率    | kg   | 67.1      | 0.8 | 68.3      | 0.8 |            |
| N消化率     | %    | 64.1      | 0.9 | 71.0      | 0.9 | **         |
| エネルギー消化率 | %    | 66.7      | 0.8 | 68.1      | 0.8 |            |

(\*\*P<0.01)

一般的に過剰な蛋白質を摂取すると尿中へ排泄されることは知られている。移行期において、飼料中のCP含量とN蓄積、N排泄の関係は、初妊牛では経産牛と異なる。経産牛に対して分娩前高蛋白飼料を摂取させると、蓄積量は若干増加するものの、尿中排泄量は大きく増加することが示されている<sup>7)</sup>。

初妊牛の高CP区では、尿中N排泄量は20 g増加したが、N蓄積量増加が31 gと大きく増加し、経産牛の場合と比べると尿中N排泄量の増加が少なかった。つまり、飼料中のCP含量を高めると、初妊牛では尿中排泄量の増加よりもN蓄積の増加

が多く、窒素の利用性が高まるものと考えられた。一方、低CP区のN蓄積量は経産牛、初妊牛とも50 gではほぼ同じであった。これらのことから、初産牛では増給した粗蛋白質が母体および胎子へ効率よく蓄積するものと考えられた。

血液検査結果については、表7に示した。血液検査成績については、異常値は認められず正常範囲の値が得られた。蛋白質代謝の指標となるBUNは、分娩予定1週間と分娩当日の値が低CP区で11.3 mg/dl、11.2mg/dl、高CP区が15.0mg/dl、15.5 mg/dlと高CP区が有意に高い値となった。これは、飼料中の蛋白質水準の違いによる差と考えられた。

表7 血液分析値

| 項目      |       |        | 低CP区             |     | 高CP区      |     | 有意差<br>処理間 |
|---------|-------|--------|------------------|-----|-----------|-----|------------|
|         |       |        | $\bar{X}$        | SE  | $\bar{X}$ | SE  |            |
| ヘマトクリット | %     | -9w    | 34.3             | 0.5 | 33.3      | 0.5 |            |
|         |       | -1w    | 33.4             | 0.5 | 35.3      | 0.5 | *          |
|         |       | 0w     | 36.4             | 0.7 | 38.7      | 0.7 | *          |
|         |       | 1W     | 31.9             | 0.6 | 33.4      | 0.6 | +          |
|         |       | 3W     | 32.1             | 0.4 | 32.4      | 0.4 |            |
|         |       | 7w     | 33.0             | 0.5 | 33.3      | 0.4 | +          |
|         |       | グルコース  | mg/dl            | -9w | 68.5      | 1.6 | 66.8       |
| -1w     | 71.8  |        |                  | 1.8 | 69.8      | 1.8 |            |
| 0w      | 91.1  |        |                  | 5.2 | 93.7      | 5.4 |            |
| 1W      | 59.1  |        |                  | 1.2 | 60.7      | 1.2 |            |
| 3W      | 62.0  |        |                  | 1.2 | 63.0      | 1.2 |            |
| 7w      | 64.5  |        |                  | 1.2 | 65.3      | 1.2 |            |
| BUN     | mg/dl |        |                  | -9w | 11.5      | 0.6 | 11.3       |
|         |       | -1w    | 11.3             | 0.5 | 15.0      | 0.5 | **         |
|         |       | 0w     | 11.2             | 0.6 | 15.5      | 0.6 | **         |
|         |       | 1W     | 12.3             | 0.6 | 13.4      | 0.6 |            |
|         |       | 3W     | 14.4             | 0.6 | 15.6      | 0.6 |            |
|         |       | 7w     | 16.2             | 0.6 | 16.5      | 0.6 |            |
|         |       | NEFA   | $\mu\text{Eq/l}$ | -9w | 188       | 27  | 211        |
| -1w     | 264   |        |                  | 32  | 269       | 32  |            |
| 0w      | 559   |        |                  | 40  | 636       | 41  |            |
| 1W      | 611   |        |                  | 43  | 542       | 43  |            |
| 3W      | 271   |        |                  | 28  | 342       | 28  |            |
| 7w      | 209   |        |                  | 19  | 216       | 19  |            |
| 血中カルシウム | mg/dl |        |                  | -9w | 9.8       | 0.4 | 9.0        |
|         |       | -1w    | 9.2              | 0.2 | 8.7       | 0.2 | +          |
|         |       | 0w     | 8.5              | 0.2 | 8.3       | 0.2 |            |
|         |       | 1W     | 9.1              | 0.1 | 9.4       | 0.1 | +          |
|         |       | 3W     | 9.7              | 0.1 | 9.4       | 0.1 |            |
|         |       | 7w     | 9.5              | 0.1 | 9.3       | 0.1 |            |
|         |       | 血中無機リン | mg/dl            | -9w | 6.4       | 0.2 | 5.8        |
| -1w     | 5.9   |        |                  | 0.3 | 5.0       | 0.3 | *          |
| 0w      | 4.7   |        |                  | 0.3 | 4.4       | 0.3 |            |
| 1W      | 5.9   |        |                  | 0.2 | 5.1       | 0.2 | *          |
| 3W      | 5.4   |        |                  | 0.2 | 5.4       | 0.2 |            |
| 7w      | 5.7   |        |                  | 0.2 | 5.4       | 0.2 |            |

(+P<0.10 \*P<0.05 \*\*P<0.01)

ヘマトクリット値は分娩9週前では低CP区で34.3%、高CP区で33.3%と低CP区が高かったが、分娩1週前から分娩後1週まで、低CP区より高CP区が有意に高くなった。分娩直後におけるヘマトクリット値の上昇は、両区において認められたが、分娩時におけるヘマトクリット値の上昇は、胎子及び体液等の損失や、乳器への血液流入等が原因として考えられる。

しかし、分娩1週前と分娩後1週において高CP区に浮腫や脱水の症状が多く見られたという結果はなく、産乳準備によりヘマトクリット値が上昇したとも考えられる。赤血球新生の材料として特に必要なものとしては蛋白質と鉄であり、蛋白給与量の違いが造血機能及び体恒常性に関与したとも考えられる。

NEFA及びグルコースの推移を見ると分娩直後両区において上昇が見られた。このことは、分娩時に産乳に要するエネルギー要求量が摂取量を大幅に超えるため、NEFA及びグルコースが一過性に上昇することはよく知られている<sup>4,5,18)</sup>。

NEFAは低CP区で分娩後1週にさらに上昇し、分娩後3週目に低下することが確認された。高CP区では、分娩直後から分娩後3週まで徐々

に低下していくことが認められた。これらの違いは、オーバーコンディションや分娩前飼料の脂質含量よりも、体重の変動と一致していると考えられた。

乳牛は分娩直後泌乳期に入り負のエネルギーバランスの時期に入る。低CP区では分娩直後から泌乳1週までの短期間に急激な体重の減少が生じており、体内で脂質代謝が活発化し、大量の体脂肪の動員が生じたことが伺われ、高CP区は低CP区より緩やかに脂質代謝が起こったように見られた。この体重の変動の違いは、脂質代謝の活性化に左右されたとと思われるが、蛋白蓄積量等の他、何が脂質代謝を抑制する作用として働いたかは推測の域を出ない。

泌乳初期において体重の変動や、体脂肪動員の増加が短期間に強く生じるより、緩やかに進行したほうが負荷の強い初産牛の恒常性を保ち、ひいては経済的利益につながるのではないかと考えられる。

ルーメン液性状を表8に示した。分娩予定1週間前のアンモニア濃度は低CP区で6.8mgN/dl、高CP区で8.4mgN/dlで、アンモニア濃度は高CP区が高くなったことは、飼料中の蛋白質含量

表8 ルーメン液性状

| 項目     |         |     | 低CP区      |      | 高CP区      |      | 有意差<br>処理間 |
|--------|---------|-----|-----------|------|-----------|------|------------|
|        |         |     | $\bar{X}$ | SE   | $\bar{X}$ | SE   |            |
| pH     |         | -1w | 6.96      | 0.07 | 6.98      | 0.07 |            |
|        |         | 7w  | 6.88      | 0.06 | 6.92      | 0.06 |            |
| アンモニア  | mgN/dl  | -1w | 6.8       | 1.0  | 8.4       | 1.0  |            |
|        |         | 7w  | 9.5       | 0.6  | 8.8       | 0.7  |            |
| 総酸     | mmol/dl | -1w | 6.6       | 0.5  | 6.7       | 0.5  |            |
|        |         | 7w  | 7.1       | 0.5  | 7.0       | 0.5  |            |
| 酢酸     | %       | -1w | 60.6      | 1.3  | 60.1      | 1.2  |            |
|        |         | 7w  | 56.7      | 1.2  | 55.3      | 1.2  |            |
| プロピオン酸 | %       | -1w | 23.4      | 1.1  | 23.9      | 1.1  |            |
|        |         | 7w  | 26.7      | 1.1  | 28.8      | 1.1  |            |
| 酪酸     | %       | -1w | 14.7      | 0.7  | 14.7      | 0.6  |            |
|        |         | 7w  | 14.8      | 0.6  | 14.5      | 0.6  |            |

(+P<0.10 \*P<0.05)

の違いが反映したものと考えられた。一般に第一胃内の環境は飼料の質と量および飼料採食後の時間などによって変化するが、pHは6.0~7.0、生産されるVFAの比率は酢酸60~70%、プロピオン酸16~20%、酪酸10~15%であり、微生物蛋白質の合成率の指標となるルーメンNH<sub>3</sub>-Nは、5~10mgN/dl前後が至適濃度とされている<sup>17)</sup>。これらのことから今回得られたルーメン性状成績は、逸脱した値も見られず正常範囲に収まっていると考えられる。分娩前後のルーメン液性状を比較しても両区において大きな違いは認められなかった。

#### 4 繁殖成績

繁殖成績を表9に示した。発情回帰日数、初回受精日数及び受胎までの日数は、低CP区、高CP区各々、55.8日、65.5日及び73.1日と56.6日、74.1日及び94.6日となった。発情回帰日数は両区においてほぼ同日で、初回発情日数、受胎までの日数で高CP区が伸びる傾向が見られた。

受胎までの日数は高CP区で21日と約1性周期の遅れが見られた。受精回数と受胎率は、低CP区、高CP区各々、1.5回、55.9%、1.5回、52.9%と差は見られなかった。繁殖障害発生率は低

CP区で26.5%、高CP区で14.7%と低CP区が高くなった。産子体重および分娩難易度は低CP区で39.7kg、1.5、高CP区で41.7kg、1.9と高CP区において産子体重が重く分娩難易度が高くなる傾向が見られた。分娩難易度スコア2は"軽度な介助が必要"ということで特に問題はないと考えられた。泌乳期の蛋白質の給与量が繁殖に及ぼす影響は様々な報告がある。飼料中蛋白質は、繁殖成績に影響を及ぼす要因の1つであり、他に、繁殖管理、エネルギー状態、乳量及び健康状態などの要因がからみあって繁殖成績に影響している。今回の試験で移行期に給与した飼料中CP含量、乳中尿素および血液検査成績のBUN値からは、蛋白の過剰を疑う成績が見られていない。

移行期の栄養水準、特に蛋白量が泌乳期の成績にどれだけ影響を与えるかは明らかにされていないが、乳腺の成長の他、蓄積窒素量や、胎児の発育、および肝機能の維持等に関与しているといわれている<sup>3,5,12,13)</sup>。

繁殖成績から高CP区は産子体重が重く、受胎までの日数が伸びる傾向があったが、両区において受胎率には差がなく、繁殖障害発生率は高CP区がよい成績となった。これらの結果は、分娩前

表9 繁殖成績

| 項目      |     | 低CP区      |         | 高CP区      |         | 有意差<br>処理間 |
|---------|-----|-----------|---------|-----------|---------|------------|
|         |     | $\bar{X}$ | SE      | $\bar{X}$ | SE      |            |
| 分娩次月齢   | 月齢  | 25.4      | 0.4     | 24.9      | 0.4     |            |
| 妊娠期間    | 日   | 278.7     | 0.9     | 279.2     | 0.9     |            |
| 分娩難易度   | スコア | 1.5       | 0.2     | 1.9       | 0.2     | *          |
| 子牛体重    | %   | 39.7      | 0.7     | 41.7      | 0.7     | +          |
| 胎盤停滞発生率 | kg  | 4.7       | 0.4     | 4.7       | 0.4     |            |
| 発情回帰日数  | 日   | 55.8      | 3.5     | 56.6      | 3.5     |            |
| 初回授精日数  | 日   | 65.5      | 3.9     | 74.1      | 4.0     |            |
| 受胎までの日数 | 日   | 73.1      | 5.8     | 94.6      | 6.2     | *          |
| 授精回数    | 回   | 1.5       | 0.2     | 1.5       | 0.2     |            |
| 受胎率     | %   | 55.9      | (18/34) | 52.9      | (17/34) |            |
| 繁殖障害発生率 | %   | 26.5      | (9/34)  | 14.7      | (5/34)  | -          |

(+P<0.10 \*P<0.05)

の栄養水準が繁殖成績に影響しているとは考えがたい。卵巢、子宮の機能の回復や産子体重の違いは移行期の飼養管理が大きく影響するが、受胎までの日数や受胎率は、泌乳初期の栄養水準が大きく影響すると思われる。

分娩前の移行期の蛋白含量を高めることにより、分娩後BCSを良好に保ち、乳生産が向上するような産乳成績が得られたが、それに見合う泌乳初期の栄養水準が現在十分に検討されていない。今後、泌乳初期の栄養水準が明らかにされることで、移行期の栄養水準の効果が新たに反映されるのではないかと考えられた。

今回の試験から移行期にCP含量の高い

(14.1%) 飼料を給与すると、産子体重が大きくなり、産乳性の向上および分娩後の体重の減少が緩やかになることが示唆された。また、消化試験において尿中N排泄量が増加するが、それ以上にN蓄積量が増加した。繁殖成績において受胎までの日数が延びるものの受胎率の低下が見られなかったことから、生産現場において推奨される移行期のCP含量は、14%とするのが望ましいのではないかと考えられる。

## 5 謝 辞

供試資材の共同購入及び飼料分析にご協力いただいた、全国酪農業協同組合連合会に深謝します。

## IV 要 約

ホルスタイン種初妊牛70頭を用い、分娩予定日の9週前から3週前までを分娩前期、3週前から分娩までを移行期、分娩後14週間を泌乳期として、飼養試験を行った。試験区は、移行期のCP給与量を日本飼養標準乳牛における維持と増体日量0.3kgおよび妊娠に要するCP要求量に対して100%とする区(低CP区)および120%とする区(高CP区)の2区を設定した。両区の給与飼料乾物中のCP含量は、それぞれ、11.5%と14.1%であった。乾物摂取量は、試験期間を通して差はみられなかった。移行期において、尿中への窒素排泄量(74g vs 93g,  $P<0.01$ )および蓄積量(50g vs 81g,  $P<0.01$ )は高CP区が有意に多かった。平均日乳量は高CP区が高く推移した(28.1kg vs 29.6kg)。また、繁殖成績において、高CP区で産子体重が大きくなり(39.7kg vs 41.7kg,  $P<0.10$ )、受胎までの日数(73日 vs 95日,  $P<0.05$ )が延びるものの受胎率(55.9% vs 52.9%)の低下が見られなかった。

以上のことから、生産現場において、初妊牛の移行期のCP給与量としては充足率で120%程度、飼料乾物中のCP含量としては14%程度が望ましいと考えられた。

## V 引用文献

- 1) 足立憲隆, 宇田三男, 小林宏子, 阿部正彦, 富田道則, 稲葉 満, 林 登, 藤井清和, 瀬尾哲則, 野中敏道, 清水正弘, 野中最子, 寺田文典. 2003. ルーメンバイパスメチオニン製剤の利用による乳生産の効率化と窒素排泄量の低減. 日畜会報. 74(3): 397-405
- 2) 足立憲隆, 武田正寛, 生方順亮, 富田道則, 稲葉満, 北山智広, 東井滋能, 石井 亮, 野中敏道, 大山正勝. 1998. 飼料給与法の改善による高品質乳の生産と繁殖性に関する研究. 茨城県畜産試験場研究報告, 27: 1-60
- 3) A. W. Bell, R. Slepatis, and R. A. Ehrhardt. 1995. Growth and Accretion of energy and protein in the gravid uterus during late pregnancy in Holstein cows. *J. Dairy Sci.* 78: 1954-1961.
- 4) D. E. Putnam, G. A. Varga, and H. M. Dann. 1999. Metabolic and production responses to dietary protein and exogenous somatotropin in late gestation dairy cows. *J. Dairy Sci.* 82: 928-995.
- 5) James K. Drackley, . 1999. Adsa foundation scholar award Biology of dairy cows during the transition period: the final frontier. *J. Dairy Sci.* 82: 2259-2273
- 6) J. E. P. Santos, E. J. DePeters, P. W. Jardon, and J. T. Huber. 2001. Effect of prepartum dietary protein level on performance of primigravid and multiparous Holstein dairy cows. *J. Dairy Sci.* 84: 213-224.
- 7) 楠原 徹, 足立憲隆, 宇田三男, 小林宏子, 阿部正彦, 富田道則, 芹澤正文, 林 登, 岩間仁志, 塩崎達也, 野中敏道, 清水正弘, 野中最子, 寺田文典. 2002. 移行期の栄養水準が産乳と繁殖におよぼす影響. 茨城県畜産センター研究報告. 32: 1-51
- 8) M. E. Van Amburgh, D. M. Galton, D. E. Bauman, R. W. Everett, D. G. Fox, L. E. Chase, and H. N. Erb. 1998. Effect of three Prepubertal body growth rates on performance of Holstein heifers during first lactation. *J. Dairy Sci.* 81: 527-538.
- 9) M. J. Vandehaar, G. Yousif, B. K. Sharma, T. H. Herdt, R. S. Emery, M. S. Allen, and J. S. Liesman. 1999. Effect of energy and protein density of prepartum diets on fat and protein metabolism of dairy cattle in the periparturient period. *J. Dairy Sci.* 82: 1282-1295.
- 10) M. T. Huyler, R. L. Kincaid, and D. F. Dostal. 1999. Metabolic and yield responses of multiparous Holstein cows to prepartum rumen-undegradable protein. *J. Dairy Sci.* 82: 527-536.
- 11) 農林水産技術会議事務局編. 1999. 日本飼養標準 乳牛(1999).
- 12) Ric R. Grummer. 1995. Impact of changes in organic nutrient metabolism on feeding

- the transition dairy cow. J. Anim. sci. 73: 2820-2833.
- 13) R. J. Grant, and J. L. Albright. 1995. Feeding behavior and management factors during the transition period in dairy cattle. J. Anim. sci. 73: 2791-2803.
- 14) R. J. Van Saun, S. C. Idleman, and C. J. Sniffen. 1993. Effect of undegradable protein amount fed prepartum on postpartum production in first lactation Holstein cows. J. Dairy Sci. 76: 236-244
- 15) P. H. Robinson, J. M. Moorby, M. Arana, R. Hinders, T. Graham, L. Castelanell, and N. Barney. 2001. Influence of close-up dry period protein supplementation on productive and reproductive performance of Holstein cows in their subsequent lactation. J. Dairy Sci. 84: 2273-2283
- 16) SAS User's Guide. Version 6.03. Edition. 1988. sas Inst., Inc., Cary, NC.
- 17) 佐々木康之監修.1998.反芻動物の栄養生理学.
- 18) NRC(1989). Nutrient requirements of dairy cattle. 6th rev. ed. National Academic Press. Washington, D. C

付表 1

## 協定試験試験牛一覧

| 県   | 区     | 牛No | 生年月日      | 試験開始      | 分娩月日      | 試験終了     | 分娩月齢 |
|-----|-------|-----|-----------|-----------|-----------|----------|------|
| 宮 城 | 低C P区 | 131 | H11.6.12  | H13.9.3   | H13.11.5  | H14.2.15 | 28.9 |
|     |       | 141 | H12.10.9  | H14.9.18  | H14.11.20 | H15.3.2  | 25.4 |
|     |       | 142 | H12.4.25  | H14.10.24 | H14.12.26 | H15.4.7  | 32.2 |
|     | 高C P区 | 132 | H11.11.2  | H13.9.27  | H13.11.29 | H14.3.11 | 24.9 |
|     |       | 143 | H12.12.14 | H14.10.11 | H14.12.13 | H15.3.25 | 24.0 |
|     |       | 144 | H12.4.19  | H14.11.2  | H15.1.4   | H15.4.16 | 32.7 |
| 福 島 | 低C P区 | 231 | H11.12.7  | H13.9.11  | H13.11.13 | H14.2.23 | 23.2 |
|     |       | 232 | H11.11.25 | H13.10.2  | H13.12.4  | H14.3.16 | 24.3 |
|     |       | 241 | H12.6.26  | H14.9.23  | H14.11.25 | H15.3.7  | 29.1 |
|     |       | 242 | H13.3.27  | H14.11.12 | H15.1.14  | H15.4.26 | 21.6 |
|     | 高C P区 | 233 | H11.12.13 | H13.9.1   | H13.11.3  | H14.2.13 | 22.7 |
|     |       | 234 | H11.10.28 | H13.10.16 | H13.12.18 | H14.3.30 | 25.7 |
|     |       | 243 | H12.9.6   | H14.8.30  | H14.11.1  | H15.2.11 | 25.9 |
|     |       | 244 | H12.11.29 | H14.10.28 | H14.12.30 | H15.4.11 | 25.0 |
| 茨 城 | 低C P区 | 331 | H11.7.30  | H13.10.5  | H13.12.7  | H14.3.19 | 28.4 |
|     |       | 332 | H11.10.11 | H13.12.11 | H14.2.12  | H14.5.25 | 28.2 |
|     |       | 341 | H12.10.31 | H14.9.21  | H14.11.23 | H15.3.5  | 24.8 |
|     |       | 342 | H12.9.5   | H14.10.10 | H14.12.12 | H15.3.24 | 27.3 |
|     | 高C P区 | 333 | H11.7.24  | H13.10.20 | H13.12.22 | H14.4.3  | 29.1 |
|     |       | 334 | H11.9.26  | H13.10.18 | H13.12.20 | H14.4.1  | 26.9 |
|     |       | 343 | H12.8.14  | H14.9.16  | H14.11.18 | H15.2.28 | 27.2 |
|     |       | 344 | H12.9.14  | H14.9.19  | H14.11.21 | H15.3.3  | 26.3 |
| 埼 玉 | 低C P区 | 431 | H11.10.15 | H13.9.12  | H13.11.14 | H14.2.24 | 25.0 |
|     |       | 432 | H11.8.31  | H13.9.18  | H13.11.20 | H14.3.2  | 26.7 |
|     |       | 441 | H12.10.17 | H14.9.14  | H14.11.16 | H15.2.26 | 25.0 |
|     |       | 442 | H13.3.4   | H14.12.28 | H15.3.1   | H15.6.11 | 23.9 |
|     | 高C P区 | 433 | H11.9.30  | H13.9.15  | H13.11.17 | H14.2.27 | 25.6 |
|     |       | 434 | H11.11.1  | H13.10.1  | H13.12.3  | H14.3.15 | 25.1 |
|     |       | 443 | H12.10.24 | H14.10.4  | H14.12.6  | H15.3.18 | 25.4 |
|     |       | 444 | H12.11.10 | H14.10.15 | H14.12.17 | H15.3.29 | 25.2 |
| 静 岡 | 低C P区 | 531 | H11.9.26  | H13.9.18  | H13.11.20 | H14.3.2  | 25.9 |
|     |       | 532 | H12.1.4   | H13.11.6  | H14.1.8   | H14.4.20 | 24.2 |
|     |       | 541 | H12.10.7  | H14.10.9  | H14.12.11 | H15.3.23 | 26.2 |
|     |       | 542 | H13.2.11  | H14.12.25 | H15.2.26  | H15.6.8  | 24.5 |
|     | 高C P区 | 533 | H11.7.28  | H13.10.1  | H13.12.3  | H14.3.15 | 28.3 |
|     |       | 534 | H11.10.25 | H13.9.14  | H13.11.16 | H14.2.26 | 24.8 |
|     |       | 543 | H13.3.7   | H14.12.31 | H15.3.4   | H15.6.14 | 23.9 |
|     |       | 544 | H13.1.27  | H15.1.13  | H15.3.17  | H15.6.27 | 25.6 |
| 京 都 | 低C P区 | 631 | H11.11.10 | H13.9.9   | H13.11.11 | H14.2.21 | 24.1 |
|     |       | 632 | H12.3.24  | H13.12.3  | H14.2.4   | H14.5.17 | 22.4 |
|     |       | 641 | H12.6.14  | H14.8.26  | H14.10.28 | H15.2.7  | 28.5 |
|     |       | 642 | H12.9.25  | H14.9.14  | H14.11.16 | H15.2.26 | 25.7 |
|     | 高C P区 | 633 | H12.5.2   | H13.10.4  | H13.12.6  | H14.3.18 | 19.1 |
|     |       | 634 | H11.11.29 | H14.1.20  | H14.3.24  | H14.7.4  | 27.9 |
|     |       | 643 | H12.7.16  | H14.10.4  | H14.12.6  | H15.3.18 | 28.8 |
|     |       | 644 | H13.2.7   | H14.11.27 | H15.1.29  | H15.5.11 | 23.7 |

| 県              | 区    | 牛No. | 生年月日      | 試験開始      | 分娩月日      | 試験終了     | 分娩月齢 |
|----------------|------|------|-----------|-----------|-----------|----------|------|
| 岐阜             | 低CP区 | 731  | H11.12.4  | H13.11.2  | H14.1.4   | H14.4.16 | 25.1 |
|                |      | 741  | H12.12.12 | H14.9.7   | H14.11.9  | H15.2.19 | 22.9 |
|                |      | 742  | H12.12.2  | H14.11.13 | H15.1.15  | H15.4.27 | 25.5 |
|                | 高CP区 | 734  | H12.3.1   | H14.1.9   | H14.3.13  | H14.6.23 | 24.4 |
|                |      | 743  | H13.1.22  | H14.10.6  | H14.12.8  | H15.3.20 | 22.5 |
|                |      | 744  | H13.1.29  | H14.11.20 | H15.1.22  | H15.5.4  | 23.8 |
| 鳥取             | 低CP区 | 831  | H11.10.2  | H13.9.10  | H13.11.12 | H14.2.22 | 25.4 |
|                |      | 841  | H12.6.4   | H14.8.31  | H14.11.2  | H15.2.12 | 29.0 |
|                |      | 842  | H13.3.12  | H14.11.27 | H15.1.29  | H15.3.3  | 22.6 |
|                | 高CP区 | 832  | H12.1.13  | H13.11.8  | H14.1.10  | H14.4.22 | 23.9 |
|                |      | 843  | H12.12.30 | H14.9.22  | H14.11.24 | H15.3.6  | 22.8 |
|                |      | 844  | H12.11.12 | H14.9.23  | H14.11.25 | H15.3.7  | 24.4 |
| 熊本             | 低CP区 | 931  | H11.8.3   | H13.9.13  | H13.11.15 | H14.2.25 | 27.5 |
|                |      | 932  | H11.12.11 | H13.11.11 | H14.1.13  | H14.4.25 | 25.1 |
|                |      | 941  | H12.8.18  | H14.10.4  | H14.12.6  | H15.3.18 | 27.7 |
|                |      | 942  | H12.12.15 | H14.11.25 | H15.1.27  | H15.5.9  | 25.4 |
|                | 高CP区 | 933  | H12.1.26  | H13.10.28 | H13.12.30 | H14.4.11 | 23.1 |
|                |      | 934  | H12.2.8   | H13.11.30 | H14.2.1   | H14.5.14 | 23.8 |
|                |      | 943  | H12.12.31 | H14.10.14 | H14.12.16 | H15.3.28 | 23.5 |
|                |      | 944  | H13.4.26  | H14.11.25 | H15.1.27  | H15.5.9  | 21.0 |
| 全酪農酪<br>農研 技術所 | 低CP区 | 031  | H11.11.10 | H13.9.9   | H13.11.11 | H14.2.21 | 24.1 |
|                |      | 032  | H12.1.16  | H13.11.6  | H14.1.8   | H14.4.20 | 23.8 |
|                | 高CP区 | 033  | H11.1.11  | H13.9.17  | H13.11.19 | H14.3.1  | 34.4 |
|                |      | 034  | H12.3.25  | H13.11.13 | H14.1.15  | H14.4.27 | 21.7 |

|      |      |    |
|------|------|----|
| 合計頭数 | 低CP区 | 35 |
|      | 高CP区 | 35 |

## 付表 2

### 繁殖障害名

| 疾 病 名     | 症 状  |
|-----------|--|
| 卵 胞 囊 腫   | 正常卵胞は排卵直前の最大のもので直径15～20mmを超えないが、これより大きいものを囊腫卵胞とみて良い。また、正常の成熟卵胞は原則として1発情1個認められるが、囊腫の場合は2個以上存在することがしばしばある。囊腫の大きさや触感から正常卵胞と判断し難い場合は、7～10日を経て再検査を行い、さらに大きくなっているか、変化なく存続しているかなどの形状変化により卵胞囊腫と判定する。   |
| 卵 巢 静 止   | 分娩後約60日以上生理的空胎期間を経過した無発情牛において、大きさ及び形状はほぼ正常であるにもかかわらず、明瞭な卵胞も黄体も認められない状態が続いているもの。  |
| 排 卵 障 害   | (ア) 排卵遅延<br>卵胞が発育して発情は現れるが、発育卵胞が長く存在し、被乗駕開始から48時間以上経過しても排卵が認められないもの。<br>(イ) 無 排 卵<br>卵胞が発育して発情を示すが、排卵に至らず閉鎖退行するもの。   |
| 黄 体 遺 残   | 発情周期が全く認められず、直腸検査によって黄体が長期間存在するもの。約10日間の間隔をおいて再検し、同じ黄体の存続を確認すること。  |
| 胎 盤 停 滯   | 胎子娩出後12時間以上胎盤が排出されないもの。  |
| 子 宮 内 膜 炎 | 主として細菌感染によって起こるもので、人工授精に際して授精用器具を介して、または、難産や胎盤停滯などの際に人為的あるいは自然に細菌が子宮内に侵入して起こる。<br>本症は普通異常分泌物の漏出を伴うが、これを伴わないものもある。前者を分泌性子宮内膜炎、後者を潜在性内膜炎といい、牛は分泌性内膜炎が多い。<br>◎ 分泌性内膜炎<br>(ア) カタール性内膜炎<br>子宮外口よりガラス様粘液あるいは灰白絮状片を含んだ粘液を漏出する。<br>(イ) 化膿性内膜炎<br>子宮外口より膿を漏出する。<br>(ウ) カタール性、化膿性内膜炎<br>子宮外口より漏出する粘液に膿が混ざっている。<br>腔検査において子宮腔部粘液は不潔な色を呈し、時には、うっ血症が認められ、外口は多くの場合弛緩し、ガラス様または膿様の粘液を漏出する。 |
| 鈍 性 発 情   | 卵胞の発育、排卵は周期的にあるが、発情徴候を伴わないもの。直腸検査により卵巣の周期的変化を追跡して診断する。   |
| 黄 体 囊 腫   | 卵胞が排卵せずその壁が黄体化したもので、中心部に腔があって内容液が貯留したものである。黄体囊腫が発生すると、正常な卵胞の発育は抑制されるため無発情が続く。直腸検査によって診断するが、黄体層が厚い場合は正常な黄体との区別が困難であり、逆に薄い場合は囊腫卵胞との区別が困難である。<br>また、本症は囊腫様黄体（注）と混同されやすいが、囊腫様黄体は排卵後にできたものであるから黄体の突起が明瞭であるのに対し、本症は無排卵であるから黄体の突起は認められない。   |

#### (注) 囊腫様黄体

排卵後数日ないし10日後の発情黄体において黄体組織が菲薄な層を形成し、中心部に内腔を作って、その中に内容物を貯留するもので、一般に内腔が異常に大きく、長時間持続する。排卵後に囊腫様黄体が形成されるが、自然に退行すること、性周期は多少遅延するものもあるが、ほぼ正常である。特に処置の必要はない。

# 付表 3

平成13・14年度(移行期第3・4年次)のデータ  
 年間データ(1年次は牛No.\*3\*、2年次は牛No.\*4\*となる。平均値は単純平均値)  
 1.乾物摂取量 kg 分娩前

| 低CP区 | NO    | -9    | -8    | -7    | -6    | -5    | -4    | -3    | -2    | -1    | 平均    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 131   | 10.23 | 10.01 | 11.25 | 10.53 | 10.52 | 10.63 | 11.82 | 12.51 | 12.53 | 11.11 |
|      | 231   | 9.10  | 9.40  | 9.16  | 10.14 | 9.81  | 9.99  | 10.01 | 9.80  | 9.50  | 9.66  |
|      | 232   |       | 10.29 | 10.28 | 10.15 | 9.73  | 10.12 | 10.17 | 10.55 | 10.62 | 9.10  |
|      | 331   | 10.19 | 10.31 | 10.86 | 10.99 | 11.05 | 11.13 | 10.91 | 10.91 | 10.96 | 10.81 |
|      | 332   | 9.69  | 10.56 | 10.02 | 10.11 | 10.15 | 10.22 | 10.72 | 9.35  | 10.60 | 10.16 |
|      | 431   | 10.25 | 10.89 | 10.89 | 10.89 | 10.89 | 10.17 | 10.17 | 10.17 | 10.12 | 10.49 |
|      | 432   | 9.63  | 9.43  | 9.56  | 9.31  | 9.43  | 9.51  | 9.37  | 9.25  | 8.53  | 9.34  |
|      | 531   | 11.73 | 12.05 | 12.19 | 12.42 | 12.45 | 12.12 | 12.20 | 12.25 | 12.42 | 12.20 |
|      | 532   | 10.26 | 10.25 | 8.83  | 9.26  | 8.99  | 9.45  | 9.76  | 9.51  | 8.64  | 9.44  |
|      | 621   | 9.87  | 10.91 | 10.25 | 10.88 | 10.14 | 7.34  | 8.66  | 9.21  | 6.57  | 9.31  |
|      | 623   | 9.90  | 9.90  | 9.80  | 10.39 | 10.05 | 10.42 | 10.54 | 10.71 | 10.43 | 10.24 |
|      | 731   |       | 8.13  | 10.35 | 10.35 | 10.15 | 10.53 | 9.88  | 9.94  | 8.74  | 8.68  |
|      | 831   | 10.03 | 11.22 | 11.31 | 11.56 | 11.08 | 11.52 | 11.89 | 11.92 | 11.14 | 11.30 |
|      | 931   |       | 9.46  | 9.69  | 10.25 | 10.10 | 10.32 | 10.27 | 10.29 | 10.15 | 8.95  |
|      | 932   |       | 10.13 | 10.12 | 10.43 | 10.54 | 10.53 | 10.48 | 10.45 | 9.13  | 9.09  |
|      | 031   | 9.99  | 9.99  | 9.98  | 9.58  | 9.48  | 10.08 | 10.63 | 10.64 | 8.95  | 9.93  |
|      | 032   | 9.89  | 9.92  | 10.40 | 10.93 | 10.14 | 10.57 | 11.06 | 10.12 | 9.12  | 10.24 |
|      | 141   |       | 9.15  | 9.06  | 10.14 | 10.10 | 10.54 | 10.60 | 11.22 | 11.38 | 9.13  |
|      | 142   | 9.70  | 10.17 | 10.06 | 9.96  | 10.05 | 10.05 | 10.59 | 10.49 | 10.82 | 10.21 |
|      | 241   | 10.33 | 9.99  | 10.61 | 10.64 | 10.72 | 10.54 | 10.36 | 10.29 | 10.32 | 10.42 |
|      | 242   | 10.62 | 10.70 | 10.56 | 9.63  | 10.26 | 10.34 | 10.58 | 10.57 | 9.65  | 10.32 |
|      | 341   | 9.58  | 9.32  | 9.73  | 9.56  | 9.69  | 9.73  | 9.42  | 10.63 | 10.81 | 9.83  |
|      | 342   | 10.80 | 10.43 | 10.75 | 10.82 | 10.22 | 10.70 | 11.36 | 10.58 | 9.28  | 10.55 |
|      | 441   | 11.04 | 10.50 | 10.20 | 10.84 | 11.51 | 11.34 | 11.45 | 11.78 | 10.49 | 11.02 |
|      | 442   | 10.42 | 9.92  | 10.14 | 10.10 | 10.23 | 10.26 | 10.28 | 10.30 | 9.75  | 10.16 |
|      | 541   | 11.15 | 11.38 | 10.90 | 11.43 | 11.62 | 11.69 | 11.43 | 11.51 | 11.49 | 11.40 |
|      | 542   | 10.35 | 10.53 | 10.82 | 10.79 | 11.01 | 11.16 | 11.13 | 11.14 | 11.31 | 10.92 |
|      | 641   | 11.29 | 11.53 | 11.72 | 9.42  | 10.58 | 12.49 | 12.48 | 11.74 | 11.62 | 11.43 |
|      | 642   | 10.52 | 10.37 | 10.80 | 8.97  | 9.06  | 9.26  | 9.09  | 9.99  | 9.59  | 9.74  |
|      | 741   |       | 8.62  | 10.80 | 10.84 | 10.99 | 11.31 | 11.26 | 10.81 | 10.81 | 9.49  |
|      | 742   | 10.84 | 8.68  | 10.84 | 10.77 | 10.45 | 10.49 | 9.94  | 10.66 | 10.70 | 10.37 |
|      | 841   | 10.67 | 10.77 | 9.49  | 8.86  | 8.46  | 9.59  | 8.86  | 9.71  | 9.87  | 9.59  |
|      | 842   | 9.10  | 8.23  | 6.31  | 6.23  | 6.20  | 6.93  | 6.99  | 7.57  | 8.01  | 7.29  |
|      | 941   | 7.41  | 5.96  | 10.00 | 10.55 | 10.69 | 10.84 | 10.44 | 10.46 | 10.70 | 9.67  |
|      | 942   | 9.84  | 9.72  | 10.07 | 8.66  | 9.53  | 9.44  | 10.38 | 10.31 | 9.84  | 9.75  |
|      | 13AVE | 10.06 | 10.17 | 10.29 | 10.48 | 10.28 | 10.27 | 10.50 | 10.45 | 9.89  | 10.00 |
|      | 14AVE | 10.23 | 9.78  | 10.16 | 9.90  | 10.08 | 10.37 | 10.37 | 10.54 | 10.36 | 10.07 |
|      | AVE   | 10.15 | 9.97  | 10.22 | 10.18 | 10.17 | 10.32 | 10.43 | 10.50 | 10.13 | 10.04 |

| 高CP区 | NO    | -9    | -8    | -7    | -6    | -5    | -4    | -3    | -2    | -1    | 平均    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 132   | 9.10  | 9.30  | 9.39  | 9.74  | 9.69  | 9.77  | 10.79 | 10.80 | 10.68 | 9.92  |
|      | 233   | 8.39  | 8.18  | 7.93  | 8.21  | 8.66  | 7.95  | 9.30  | 9.56  | 9.31  | 8.61  |
|      | 234   | 10.70 | 10.76 | 10.75 | 10.78 | 10.77 | 10.74 | 10.97 | 10.95 | 10.84 | 10.81 |
|      | 333   | 11.04 | 11.04 | 11.31 | 11.57 | 11.79 | 11.88 | 11.54 | 11.05 | 9.50  | 11.19 |
|      | 334   | 11.09 | 11.34 | 11.16 | 11.16 | 11.30 | 11.41 | 10.70 | 11.01 | 10.62 | 11.09 |
|      | 433   |       | 10.84 | 11.05 | 10.82 | 10.97 | 10.91 | 10.74 | 10.53 | 10.53 | 9.60  |
|      | 434   | 10.24 | 10.42 | 10.39 | 10.47 | 10.51 | 10.31 | 9.74  | 9.74  | 8.23  | 10.01 |
|      | 533   | 9.21  | 8.65  | 8.86  | 10.79 | 10.58 | 10.49 | 10.33 | 10.02 | 10.90 | 9.98  |
|      | 534   | 9.49  | 9.87  | 10.45 | 10.62 | 10.69 | 10.73 | 10.66 | 10.58 | 10.70 | 10.42 |
|      | 622   | 9.42  | 8.63  | 9.75  | 10.24 | 9.77  | 10.80 | 10.72 | 10.45 | 10.45 | 10.03 |
|      | 624   | 11.06 | 10.86 | 11.16 | 11.16 | 11.16 | 11.13 | 11.27 | 10.68 | 11.08 | 11.06 |
|      | 734   | 10.16 | 9.44  | 10.01 | 10.03 | 10.66 | 10.99 | 10.58 | 11.03 | 11.22 | 10.46 |
|      | 832   | 8.36  | 8.63  | 8.20  | 9.32  | 8.47  | 8.37  | 8.82  | 8.44  | 9.52  | 8.68  |
|      | 933   |       | 10.10 | 10.64 | 9.36  | 10.01 | 10.73 | 10.92 | 10.99 | 10.36 | 9.23  |
|      | 934   | 10.41 | 9.88  | 10.53 | 10.39 | 10.16 | 10.62 | 10.16 | 10.64 | 10.36 | 10.35 |
|      | 033   | 10.89 | 10.66 | 11.48 | 11.37 | 11.53 | 11.51 | 11.90 | 11.90 | 11.11 | 11.37 |
|      | 034   |       | 10.00 | 10.19 | 10.24 | 10.29 | 10.23 | 9.23  | 10.72 | 7.03  | 8.66  |
|      | 143   |       | 9.09  | 9.58  | 9.90  | 10.31 | 10.21 | 10.29 | 10.07 | 9.92  | 8.82  |
|      | 144   | 10.90 | 10.75 | 10.61 | 10.81 | 10.78 | 10.20 | 10.37 | 11.14 | 9.14  | 10.52 |
|      | 243   | 11.64 | 10.81 | 10.99 | 11.21 | 11.33 | 11.36 | 11.38 | 10.57 | 11.15 | 11.16 |
|      | 244   | 10.45 | 11.43 | 11.60 | 11.59 | 11.47 | 11.29 | 11.45 | 11.45 | 11.12 | 11.32 |
|      | 343   | 10.72 | 10.68 | 10.42 | 10.59 | 10.65 | 11.81 | 10.36 | 10.66 | 11.13 | 10.78 |
|      | 344   | 11.32 | 11.31 | 11.04 | 11.22 | 11.71 | 11.11 | 10.50 | 11.38 | 10.64 | 11.14 |
|      | 443   | 10.72 | 11.33 | 11.40 | 11.42 | 11.55 | 11.51 | 11.34 | 11.42 | 11.15 | 11.32 |
|      | 444   | 9.41  | 10.68 | 11.11 | 11.09 | 10.82 | 11.03 | 11.20 | 10.37 | 8.29  | 10.44 |
|      | 543   | 10.73 | 10.88 | 11.13 | 11.22 | 11.33 | 11.18 | 11.12 | 11.28 | 11.50 | 11.15 |
|      | 544   | 11.06 | 10.22 | 10.40 | 10.52 | 11.43 | 11.13 | 10.95 | 11.46 | 11.23 | 10.93 |
|      | 643   | 10.93 | 11.04 | 10.94 | 10.74 | 11.17 | 10.86 | 10.73 | 10.76 | 9.78  | 10.77 |
|      | 644   | 10.46 | 10.12 | 10.31 | 10.49 | 11.34 | 10.32 | 9.48  | 10.04 | 10.11 | 10.30 |
|      | 743   | 10.09 | 9.27  | 9.84  | 10.37 | 9.79  | 10.29 | 8.79  | 10.17 | 10.37 | 9.89  |
|      | 744   |       | 9.57  | 9.97  | 10.20 | 9.50  | 8.11  | 7.69  | 8.83  | 7.99  | 7.98  |
|      | 843   | 11.30 | 10.83 | 11.67 | 12.26 | 13.33 | 12.40 | 12.23 | 11.29 | 9.56  | 11.65 |
|      | 844   | 11.44 | 10.99 | 10.84 | 11.80 | 12.51 | 12.37 | 11.96 | 11.50 | 10.79 | 11.58 |
|      | 943   | 9.70  | 9.53  | 10.29 | 10.41 | 10.55 | 10.63 | 10.33 | 9.12  | 9.13  | 9.97  |
|      | 944   | 9.86  | 8.89  | 9.11  | 8.20  | 8.15  | 8.48  | 8.52  | 8.51  | 8.46  | 8.69  |
|      | 13AVE | 9.97  | 9.92  | 10.19 | 10.37 | 10.41 | 10.50 | 10.49 | 10.54 | 10.14 | 10.09 |
|      | 14AVE | 10.67 | 10.41 | 10.62 | 10.78 | 10.99 | 10.79 | 10.48 | 10.56 | 10.08 | 10.47 |
|      | AVE   | 10.34 | 10.17 | 10.41 | 10.58 | 10.71 | 10.65 | 10.49 | 10.55 | 10.11 | 10.28 |

乾物摂取量/体重

% 分娩前

| 低CP区 | NO    | -9   | -8   | -7   | -6   | -5   | -4   | -3   | -2   | -1   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|
|      | 131   | 1.63 | 1.57 | 1.75 | 1.70 | 1.59 | 1.65 | 1.80 | 1.86 | 1.82 | 1.71 |
|      | 231   | 1.70 | 1.74 | 1.67 | 1.83 | 1.75 | 1.77 | 1.73 | 1.68 | 1.82 | 1.72 |
|      | 232   |      | 1.88 | 1.90 | 1.86 | 1.75 | 1.83 | 1.80 | 1.82 | 1.82 | 1.63 |
|      | 331   | 1.76 | 1.71 | 1.76 | 1.77 | 1.76 | 1.73 | 1.73 | 1.69 | 1.73 | 1.74 |
|      | 332   | 1.50 | 1.62 | 1.51 | 1.51 | 1.53 | 1.53 | 1.59 | 1.40 | 1.62 | 1.54 |
|      | 431   | 1.69 | 1.75 | 1.77 | 1.72 | 1.69 | 1.57 | 1.55 | 1.54 | 1.50 | 1.64 |
|      | 432   | 1.49 | 1.42 | 1.42 | 1.38 | 1.38 | 1.39 | 1.36 | 1.32 | 1.21 | 1.37 |
|      | 531   | 1.72 | 1.74 | 1.74 | 1.72 | 1.72 | 1.66 | 1.66 | 1.66 | 1.64 | 1.70 |
|      | 532   | 1.74 | 1.74 | 1.50 | 1.57 | 1.53 | 1.60 | 1.60 | 1.54 | 1.38 | 1.58 |
|      | 621   | 1.70 | 1.82 | 1.65 | 1.74 | 1.65 | 1.19 | 1.44 | 1.52 | 1.07 | 1.53 |
|      | 623   | 1.75 | 1.72 | 1.67 | 1.74 | 1.66 | 1.71 | 1.70 | 1.76 | 1.69 | 1.71 |
|      | 731   |      | 1.57 | 1.97 | 1.95 | 1.87 | 1.95 | 1.85 | 1.79 | 1.52 | 1.61 |
|      | 831   | 1.41 | 1.52 | 1.51 | 1.53 | 1.44 | 1.50 | 1.52 | 1.52 | 1.41 | 1.48 |
|      | 931   |      | 1.77 | 1.77 | 1.84 | 1.81 | 1.82 | 1.80 | 1.76 | 1.71 | 1.59 |
|      | 932   |      | 1.87 | 1.85 | 1.88 | 1.89 | 1.84 | 1.83 | 1.82 | 1.56 | 1.62 |
|      | 031   | 1.70 | 1.70 | 1.70 | 1.63 | 1.61 | 1.71 | 1.81 | 1.81 | 1.52 | 1.69 |
|      | 032   | 1.65 | 1.66 | 1.74 | 1.82 | 1.69 | 1.76 | 1.85 | 1.69 | 1.52 | 1.71 |
|      | 141   |      | 1.60 | 1.51 | 1.67 | 1.71 | 1.73 | 1.70 | 1.79 | 1.77 | 1.46 |
|      | 142   | 1.67 | 1.69 | 1.68 | 1.63 | 1.60 | 1.64 | 1.67 | 1.66 | 1.67 | 1.66 |
|      | 241   | 1.79 | 1.71 | 1.80 | 1.78 | 1.83 | 1.77 | 1.71 | 1.68 | 1.68 | 1.75 |
|      | 242   | 1.98 | 1.99 | 1.92 | 1.75 | 1.82 | 1.82 | 1.82 | 1.82 | 1.62 | 1.84 |
|      | 341   | 1.77 | 1.71 | 1.74 | 1.67 | 1.69 | 1.68 | 1.64 | 1.78 | 1.81 | 1.72 |
|      | 342   | 1.72 | 1.62 | 1.66 | 1.65 | 1.56 | 1.61 | 1.71 | 1.58 | 1.39 | 1.61 |
|      | 441   | 1.78 | 1.65 | 1.61 | 1.69 | 1.81 | 1.74 | 1.72 | 1.76 | 1.57 | 1.70 |
|      | 442   | 1.71 | 1.62 | 1.66 | 1.65 | 1.67 | 1.68 | 1.68 | 1.69 | 1.60 | 1.66 |
|      | 541   | 1.92 | 2.00 | 1.85 | 1.88 | 1.89 | 1.90 | 1.80 | 1.80 | 1.78 | 1.87 |
|      | 542   | 1.84 | 1.87 | 1.85 | 1.86 | 1.89 | 1.84 | 1.84 | 1.79 | 1.81 | 1.84 |
|      | 641   | 1.66 | 1.61 | 1.62 | 1.36 | 1.43 | 1.69 | 1.70 | 1.60 | 1.54 | 1.58 |
|      | 642   | 1.70 | 1.62 | 1.71 | 1.52 | 1.48 | 1.53 | 1.49 | 1.59 | 1.52 | 1.57 |
|      | 741   |      | 1.47 | 1.83 | 1.83 | 1.86 | 1.86 | 1.86 | 1.77 | 1.76 | 1.58 |
|      | 742   | 1.82 | 1.49 | 1.84 | 1.78 | 1.69 | 1.65 | 1.53 | 1.65 | 1.83 | 1.70 |
|      | 841   | 1.59 | 1.61 | 1.40 | 1.31 | 1.24 | 1.40 | 1.30 | 1.39 | 1.45 | 1.41 |
|      | 842   | 1.82 | 1.65 | 1.27 | 1.25 | 1.23 | 1.36 | 1.35 | 1.43 | 1.46 | 1.42 |
|      | 941   | 1.33 | 1.12 | 1.79 | 1.92 | 1.90 | 1.93 | 1.83 | 1.82 | 1.82 | 1.72 |
|      | 942   | 1.81 | 1.76 | 1.82 | 1.56 | 1.72 | 1.70 | 1.80 | 1.79 | 1.65 | 1.73 |
|      | 13AVE | 1.65 | 1.69 | 1.70 | 1.72 | 1.67 | 1.66 | 1.68 | 1.66 | 1.55 | 1.62 |
|      | 14AVE | 1.74 | 1.65 | 1.70 | 1.65 | 1.67 | 1.70 | 1.68 | 1.69 | 1.65 | 1.66 |
|      | AVE   | 1.70 | 1.67 | 1.70 | 1.68 | 1.67 | 1.68 | 1.68 | 1.67 | 1.60 | 1.64 |

| 高CP区 | NO    | -9   | -8   | -7   | -6   | -5   | -4   | -3   | -2   | -1   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|
|      | 132   | 1.82 | 1.86 | 1.80 | 1.88 | 1.83 | 1.79 | 1.99 | 2.00 | 1.94 | 1.88 |
|      | 233   | 1.58 | 1.54 | 1.46 | 1.49 | 1.54 | 1.40 | 1.62 | 1.66 | 1.63 | 1.55 |
|      | 234   | 1.74 | 1.75 | 1.71 | 1.72 | 1.74 | 1.72 | 1.73 | 1.69 | 1.69 | 1.72 |
|      | 333   | 1.79 | 1.77 | 1.71 | 1.70 | 1.68 | 1.70 | 1.64 | 1.62 | 1.39 | 1.67 |
|      | 334   | 1.81 | 1.73 | 1.77 | 1.76 | 1.74 | 1.73 | 1.59 | 1.75 | 1.63 | 1.72 |
|      | 433   |      | 1.85 | 1.85 | 1.84 | 1.83 | 1.79 | 1.74 | 1.69 | 1.70 | 1.59 |
|      | 434   | 1.59 | 1.58 | 1.57 | 1.56 | 1.53 | 1.49 | 1.40 | 1.37 | 1.14 | 1.47 |
|      | 533   | 1.64 | 1.49 | 1.56 | 1.83 | 1.78 | 1.77 | 1.72 | 1.64 | 1.82 | 1.69 |
|      | 534   | 1.71 | 1.77 | 1.86 | 1.86 | 1.82 | 1.83 | 1.81 | 1.78 | 1.73 | 1.80 |
|      | 622   | 1.76 | 1.55 | 1.70 | 1.80 | 1.69 | 1.84 | 1.80 | 1.76 | 1.70 | 1.73 |
|      | 624   | 1.72 | 1.64 | 1.66 | 1.68 | 1.63 | 1.60 | 1.65 | 1.56 | 1.62 | 1.64 |
|      | 734   | 1.76 | 1.64 | 1.70 | 1.67 | 1.75 | 1.78 | 1.69 | 1.75 | 1.71 | 1.72 |
|      | 832   | 1.50 | 1.49 | 1.38 | 1.60 | 1.42 | 1.39 | 1.45 | 1.37 | 1.54 | 1.46 |
|      | 933   |      | 1.80 | 1.81 | 1.59 | 1.73 | 1.81 | 1.81 | 1.79 | 1.68 | 1.56 |
|      | 934   | 1.93 | 1.78 | 1.89 | 1.83 | 1.78 | 1.85 | 1.77 | 1.83 | 1.75 | 1.82 |
|      | 033   | 1.75 | 1.72 | 1.85 | 1.83 | 1.86 | 1.85 | 1.92 | 1.92 | 1.79 | 1.83 |
|      | 034   |      | 1.80 | 1.83 | 1.84 | 1.85 | 1.84 | 1.66 | 1.93 | 1.26 | 1.56 |
|      | 143   |      | 1.83 | 1.82 | 1.85 | 1.89 | 1.83 | 1.81 | 1.79 | 1.73 | 1.60 |
|      | 144   | 1.81 | 1.83 | 1.77 | 1.79 | 1.71 | 1.64 | 1.67 | 1.81 | 1.46 | 1.72 |
|      | 243   | 1.96 | 1.76 | 1.80 | 1.80 | 1.82 | 1.81 | 1.81 | 1.66 | 1.73 | 1.79 |
|      | 244   | 1.76 | 1.86 | 1.87 | 1.85 | 1.82 | 1.72 | 1.75 | 1.72 | 1.60 | 1.77 |
|      | 343   | 1.66 | 1.64 | 1.58 | 1.60 | 1.58 | 1.75 | 1.52 | 1.57 | 1.63 | 1.62 |
|      | 344   | 1.83 | 1.80 | 1.74 | 1.75 | 1.79 | 1.67 | 1.65 | 1.72 | 1.58 | 1.73 |
|      | 443   | 1.75 | 1.85 | 1.87 | 1.87 | 1.89 | 1.88 | 1.86 | 1.87 | 1.83 | 1.85 |
|      | 444   | 1.54 | 1.75 | 1.82 | 1.82 | 1.77 | 1.80 | 1.83 | 1.70 | 1.36 | 1.71 |
|      | 543   | 1.92 | 1.90 | 1.91 | 1.94 | 1.90 | 1.84 | 1.84 | 1.81 | 1.79 | 1.87 |
|      | 544   | 1.90 | 1.76 | 1.76 | 1.75 | 1.89 | 1.81 | 1.75 | 1.80 | 1.75 | 1.80 |
|      | 643   | 1.70 | 1.69 | 1.69 | 1.64 | 1.64 | 1.60 | 1.54 | 1.55 | 1.40 | 1.61 |
|      | 644   | 1.77 | 1.70 | 1.73 | 1.74 | 1.86 | 1.66 | 1.52 | 1.61 | 1.61 | 1.69 |
|      | 743   | 1.87 | 1.72 | 1.82 | 1.91 | 1.76 | 1.88 | 1.66 | 1.66 | 1.75 | 1.80 |
|      | 744   |      | 1.80 | 1.83 | 1.79 | 1.66 | 1.39 | 1.31 | 1.47 | 1.31 | 1.40 |
|      | 843   | 1.88 | 1.76 | 1.88 | 1.93 | 2.07 | 1.91 | 1.85 | 1.70 | 1.41 | 1.82 |
|      | 844   | 1.97 | 1.83 | 1.77 | 1.90 | 2.00 | 1.94 | 1.83 | 1.74 | 1.58 | 1.84 |
|      | 943   | 1.84 | 1.80 | 1.94 | 1.93 | 1.93 | 1.91 | 1.83 | 1.64 | 1.63 | 1.83 |
|      | 944   | 2.24 | 1.96 | 2.00 | 1.79 | 1.77 | 1.85 | 1.81 | 1.75 | 1.67 | 1.87 |
|      | 13AVE | 1.72 | 1.69 | 1.71 | 1.73 | 1.72 | 1.72 | 1.70 | 1.71 | 1.63 | 1.67 |
|      | 14AVE | 1.84 | 1.79 | 1.81 | 1.81 | 1.82 | 1.77 | 1.71 | 1.71 | 1.60 | 1.74 |
|      | AVE   | 1.78 | 1.74 | 1.76 | 1.78 | 1.77 | 1.75 | 1.71 | 1.71 | 1.62 | 1.71 |
|      | MAX   | 2.24 | 1.96 | 2.00 | 1.94 | 2.07 | 1.94 | 1.99 | 2.00 | 1.94 |      |
|      | MIN   | 1.50 | 1.49 | 1.38 | 1.49 | 1.42 | 1.39 | 1.31 | 1.37 | 1.14 |      |

乾物摂取量 kg 分娩後

| 低CP区 | NO    | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 平均    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 131   | 13.27 | 14.17 | 15.20 | 15.22 | 15.22 | 16.69 | 16.30 | 16.36 | 16.22 | 16.46 | 16.93 | 17.06 | 17.27 | 17.29 | 15.98 |
|      | 231   | 12.56 | 14.35 | 15.13 | 13.95 | 14.60 | 15.77 | 14.91 | 16.18 | 16.64 | 17.05 | 16.67 | 17.72 | 14.75 | 15.56 | 15.42 |
|      | 232   | 13.24 | 14.92 | 15.84 | 15.96 | 16.45 | 17.07 | 17.14 | 18.34 | 18.69 | 18.81 | 18.13 | 18.71 | 18.90 | 18.54 | 17.20 |
|      | 331   | 13.60 | 16.47 | 18.20 | 18.53 | 17.59 | 18.83 | 19.58 | 19.63 | 18.67 | 21.28 | 21.91 | 22.26 | 22.48 | 22.42 | 19.39 |
|      | 332   | 13.08 | 15.65 | 17.44 | 16.52 | 19.08 | 19.59 | 19.41 | 19.64 | 18.49 | 18.50 | 19.24 | 19.24 | 16.32 | 20.49 | 18.05 |
|      | 431   | 12.50 | 16.57 | 19.44 | 19.83 | 20.50 | 19.70 | 20.22 | 20.55 | 20.57 | 21.22 | 21.34 | 21.39 | 21.36 | 21.14 | 19.74 |
|      | 432   | 9.01  | 14.11 | 13.42 | 16.61 | 17.29 | 14.96 | 17.16 | 17.63 | 18.58 | 18.98 | 19.66 | 19.90 | 18.59 | 19.85 | 16.84 |
|      | 531   | 15.45 | 17.62 | 18.27 | 18.63 | 18.96 | 19.39 | 20.14 | 20.96 | 21.13 | 22.17 | 18.53 | 21.24 | 20.11 | 19.48 | 19.43 |
|      | 532   | 9.29  | 12.47 | 13.76 | 13.83 | 16.02 | 16.43 | 17.13 | 18.50 | 18.85 | 19.11 | 19.08 | 18.83 | 18.85 | 15.88 | 16.29 |
|      | 621   | 12.42 | 12.78 | 13.58 | 13.35 | 13.01 | 16.43 | 18.78 | 18.66 | 18.97 | 19.81 | 20.11 | 20.69 | 21.78 | 21.96 | 17.31 |
|      | 623   | 14.24 | 12.08 | 13.93 | 18.35 | 17.24 | 15.37 | 18.34 | 19.09 | 19.66 | 19.63 | 19.56 | 19.92 | 19.80 | 20.53 | 17.70 |
|      | 731   | 14.40 | 14.25 | 14.42 | 11.79 | 14.30 | 17.28 | 17.61 | 19.54 | 21.23 | 22.06 | 22.48 | 23.45 | 17.99 | 12.62 | 17.39 |
|      | 831   | 12.97 | 15.97 | 17.12 | 18.17 | 19.19 | 18.79 | 18.77 | 20.55 | 19.27 | 20.05 | 20.81 | 20.80 | 20.20 | 20.78 | 18.82 |
|      | 931   | 13.82 | 12.87 | 14.61 | 15.55 | 14.76 | 15.56 | 16.20 | 14.80 | 15.04 | 13.50 | 15.32 | 16.29 | 15.91 | 15.46 | 14.98 |
|      | 932   | 8.94  | 9.87  | 11.61 | 13.53 | 14.61 | 15.58 | 16.48 | 16.62 | 16.81 | 16.85 | 14.18 | 16.34 | 15.92 | 15.89 | 14.52 |
|      | 031   | 12.36 | 13.24 | 14.40 | 14.98 | 15.53 | 14.35 | 15.67 | 15.87 | 16.58 | 16.07 | 16.15 | 16.81 | 18.93 | 17.31 | 15.59 |
|      | 032   | 8.88  | 9.19  | 10.50 | 10.21 | 10.89 | 10.45 | 10.82 | 11.18 | 10.27 | 11.07 | 13.27 | 12.34 | 13.06 | 12.77 | 11.06 |
|      | 141   | 13.67 | 14.50 | 15.26 | 14.28 | 15.53 | 15.85 | 14.81 | 15.04 | 15.14 | 15.22 | 15.40 | 14.94 | 15.20 | 15.12 | 15.00 |
|      | 142   | 13.00 | 12.54 | 14.12 | 14.49 | 12.07 | 13.41 | 11.50 | 11.10 | 11.56 | 10.21 | 11.32 | 11.13 | 8.57  | 5.08  | 11.44 |
|      | 241   | 13.74 | 15.84 | 16.47 | 16.63 | 17.99 | 19.09 | 19.53 | 19.52 | 19.21 | 20.06 | 19.81 | 19.56 | 19.32 | 19.10 | 18.28 |
|      | 242   | 9.97  | 15.21 | 16.90 | 17.38 | 17.67 | 18.19 | 18.12 | 18.02 | 17.82 | 17.85 | 17.69 | 18.53 | 17.72 | 17.83 | 17.06 |
|      | 341   | 13.17 | 14.95 | 16.08 | 15.62 | 15.56 | 16.78 | 17.39 | 18.00 | 17.65 | 17.81 | 17.75 | 17.90 | 17.18 | 17.57 | 16.67 |
|      | 342   | 12.82 | 12.57 | 14.19 | 15.64 | 17.95 | 18.70 | 18.85 | 17.96 | 14.87 | 18.56 | 19.14 | 17.86 | 15.05 | 15.88 | 16.43 |
|      | 441   | 13.27 | 17.22 | 15.70 | 16.93 | 16.78 | 16.44 | 17.45 | 18.29 | 18.87 | 19.56 | 19.81 | 20.02 | 19.64 | 19.46 | 17.82 |
|      | 442   | 10.74 | 14.04 | 14.76 | 15.26 | 15.82 | 16.28 | 13.35 | 16.90 | 18.03 | 17.99 | 18.32 | 18.11 | 16.96 | 18.00 | 16.04 |
|      | 541   | 12.64 | 17.39 | 16.67 | 17.52 | 18.77 | 19.35 | 21.14 | 21.43 | 21.06 | 21.08 | 21.29 | 21.88 | 20.58 | 20.73 | 19.39 |
|      | 542   | 15.04 | 15.97 | 16.19 | 17.30 | 17.66 | 17.84 | 16.07 | 17.35 | 18.47 | 19.02 | 18.94 | 19.91 | 20.25 | 20.01 | 17.86 |
|      | 641   | 13.79 | 14.84 | 16.08 | 19.44 | 19.79 | 20.06 | 19.80 | 20.70 | 20.67 | 20.85 | 20.18 | 21.70 | 22.24 | 22.51 | 19.48 |
|      | 642   | 14.32 | 14.62 | 15.11 | 15.09 | 15.94 | 18.55 | 18.45 | 18.46 | 19.43 | 19.10 | 19.32 | 22.01 | 21.98 | 16.05 | 17.74 |
|      | 741   | 9.26  | 13.70 | 13.84 | 15.08 | 14.68 | 14.64 | 14.56 | 16.38 | 16.19 | 20.59 | 19.82 | 21.46 | 21.69 | 21.96 | 16.70 |
|      | 742   | 15.56 | 16.92 | 19.92 | 21.79 | 21.96 | 22.52 | 24.63 | 27.29 | 27.89 | 26.82 | 29.77 | 28.46 | 27.97 | 28.93 | 24.31 |
|      | 841   | 15.37 | 17.83 | 18.97 | 21.27 | 24.11 | 24.57 | 25.14 | 25.74 | 26.31 | 25.74 | 25.44 | 25.71 | 24.17 | 24.44 | 23.20 |
|      | 842   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|      | 941   | 13.02 | 16.66 | 17.58 | 16.33 | 17.70 | 17.74 | 19.26 | 19.45 | 18.64 | 20.95 | 20.41 | 19.91 | 19.86 | 19.04 | 18.33 |
|      | 942   | 10.78 | 12.62 | 14.16 | 13.76 | 13.49 | 14.34 | 13.93 | 13.38 | 13.60 | 14.20 | 14.03 | 13.88 | 13.49 | 13.58 | 13.52 |
|      | 13AVE | 12.36 | 13.92 | 15.11 | 15.59 | 16.19 | 16.60 | 17.33 | 17.89 | 17.98 | 18.39 | 18.43 | 19.00 | 18.37 | 18.12 | 16.80 |
|      | 14AVE | 12.95 | 15.14 | 16.00 | 16.69 | 17.26 | 17.90 | 17.88 | 18.53 | 18.55 | 19.15 | 19.32 | 19.59 | 18.93 | 18.55 | 17.60 |
|      | AVE   | 12.65 | 14.53 | 15.55 | 16.14 | 16.73 | 17.25 | 17.61 | 18.21 | 18.27 | 18.77 | 18.88 | 19.29 | 18.65 | 18.33 | 17.20 |

| 高CP区 | NO  | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 平均    |
|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 132 | 11.22 | 12.68 | 12.97 | 14.54 | 15.16 | 16.12 | 16.55 | 16.76 | 17.08 | 17.29 | 17.17 | 16.52 | 16.46 | 16.06 | 15.47 |
|      | 233 | 11.69 | 13.57 | 15.36 | 16.13 | 14.76 | 15.62 | 16.01 | 16.25 | 16.17 | 16.30 | 16.63 | 16.85 | 17.19 | 17.67 | 15.73 |
|      | 234 | 12.69 | 15.01 | 16.46 | 17.00 | 17.06 | 18.41 | 18.09 | 18.39 | 18.16 | 17.36 | 18.54 | 18.71 | 18.71 | 18.45 | 17.36 |
|      | 333 | 16.63 | 17.73 | 18.50 | 20.24 | 21.64 | 22.40 | 22.62 | 23.08 | 22.69 | 23.21 | 22.86 | 23.37 | 22.21 | 22.75 | 21.42 |
|      | 334 | 15.87 | 17.55 | 18.74 | 19.60 | 19.91 | 15.86 | 19.20 | 20.75 | 21.51 | 21.09 | 21.37 | 21.76 | 22.21 | 22.12 | 19.82 |
|      | 433 | 13.24 | 12.40 | 13.64 | 18.91 | 20.40 | 18.87 | 18.50 | 18.50 | 19.29 | 20.28 | 19.95 | 20.65 | 20.23 | 20.35 | 18.23 |
|      | 434 | 11.85 | 16.44 | 17.12 | 17.38 | 19.38 | 18.61 | 17.77 | 18.00 | 18.94 | 19.97 | 19.70 | 20.20 | 21.02 | 19.80 | 18.30 |
|      | 533 | 14.06 | 14.29 | 14.99 | 17.18 | 18.88 | 19.07 | 18.76 | 18.82 | 19.56 | 19.32 | 19.50 | 19.30 | 19.35 | 19.53 | 18.04 |
|      | 534 | 10.32 | 13.35 | 14.83 | 16.04 | 16.59 | 18.30 | 18.14 | 18.91 | 19.10 | 18.76 | 18.91 | 19.65 | 19.02 | 18.64 | 17.18 |
|      | 622 | 12.78 | 14.17 | 15.53 | 16.34 | 17.00 | 16.69 | 17.64 | 18.38 | 14.03 | 13.68 | 15.69 | 18.11 | 16.55 | 17.69 | 16.02 |
|      | 624 | 12.38 | 13.74 | 15.18 | 16.39 | 17.89 | 16.91 | 18.32 | 18.87 | 19.24 | 19.54 | 19.17 | 19.63 | 19.07 | 20.82 | 17.65 |
|      | 734 | 17.24 | 18.66 | 20.48 | 20.88 | 19.63 | 22.13 | 21.91 | 20.53 | 19.22 | 16.31 | 15.55 | 14.70 | 14.04 | 13.27 | 18.18 |
|      | 832 | 7.16  | 9.81  | 10.52 | 11.55 | 11.25 | 13.26 | 14.71 | 14.96 | 14.69 | 15.24 | 14.98 | 15.49 | 15.46 | 14.92 | 13.14 |
|      | 933 | 16.68 | 18.14 | 19.35 | 16.87 | 18.78 | 20.48 | 19.99 | 20.27 | 20.50 | 20.97 | 21.08 | 20.58 | 19.91 | 20.03 | 19.55 |
|      | 934 | 10.93 | 14.98 | 15.77 | 16.97 | 17.06 | 16.72 | 16.48 | 16.69 | 16.96 | 16.73 | 16.58 | 17.29 | 10.96 | 15.27 | 15.67 |
|      | 033 | 15.60 | 15.79 | 13.94 | 15.47 | 16.47 | 16.52 | 19.46 | 18.04 | 19.20 | 19.43 | 21.52 | 20.99 | 22.39 | 21.06 | 18.28 |
|      | 034 | 11.01 | 9.38  | 10.89 | 10.03 | 10.14 | 12.23 | 12.40 | 11.25 | 11.70 | 12.30 | 12.39 | 10.84 | 12.39 | 10.23 | 11.23 |
|      | 143 | 10.96 | 10.83 | 11.89 | 13.23 | 12.77 | 14.49 | 15.87 | 16.57 | 17.74 | 18.08 | 18.12 | 17.59 | 18.26 | 18.10 | 15.32 |
|      | 144 | 12.82 | 13.83 | 14.63 | 14.98 | 14.82 | 16.14 | 15.40 | 14.65 | 15.65 | 16.41 | 17.55 | 17.01 | 16.73 | 18.38 | 15.64 |
|      | 243 | 14.53 | 16.21 | 17.42 | 17.00 | 15.51 | 17.52 | 18.33 | 19.09 | 19.44 | 21.65 | 21.58 | 21.86 | 21.99 | 22.38 | 18.89 |
|      | 244 | 13.32 | 14.47 | 10.78 | 16.12 | 18.77 | 19.54 | 19.33 | 19.90 | 19.95 | 19.57 | 20.07 | 20.37 | 21.18 | 21.39 | 18.20 |
|      | 343 | 15.39 | 15.94 | 16.95 | 17.82 | 18.01 | 19.09 | 19.62 | 19.20 | 20.09 | 20.74 | 20.30 | 20.28 | 20.76 | 20.65 | 18.92 |
|      | 344 | 14.14 | 15.39 | 16.72 | 17.99 | 19.07 | 20.48 | 20.09 | 20.46 | 20.90 | 21.04 | 21.09 | 20.99 | 20.77 | 21.15 | 19.30 |
|      | 443 | 15.06 | 14.09 | 14.85 | 15.98 | 17.29 | 15.83 | 16.75 | 17.75 | 18.99 | 18.11 | 18.68 | 18.38 | 18.17 | 19.10 | 17.07 |
|      | 444 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|      | 543 | 13.73 | 14.90 | 17.02 | 16.41 | 17.51 | 19.09 | 18.41 | 19.78 | 20.18 | 20.84 | 21.69 | 21.55 | 21.69 | 22.15 | 18.92 |
|      | 544 | 11.35 | 12.89 | 15.75 | 15.36 | 16.67 | 17.99 | 18.59 | 19.65 | 20.60 | 20.87 | 20.75 | 20.94 | 20.95 | 20.70 | 18.08 |
|      | 643 | 12.50 | 15.60 | 16.01 | 19.70 | 19.36 | 19.67 | 20.29 | 20.80 | 22.10 | 20.92 | 21.28 | 21.54 | 21.77 | 21.46 | 19.50 |
|      | 644 | 15.03 | 15.59 | 16.01 | 15.51 | 16.28 | 18.84 | 18.23 | 18.78 | 20.81 | 19.24 | 19.07 | 20.40 | 21.17 | 20.43 | 18.24 |
|      | 743 | 13.77 | 16.25 | 16.27 | 17.19 | 18.82 | 17.14 | 19.56 | 20.69 | 20.23 | 17.56 | 21.44 | 22.99 | 22.48 | 21.12 | 18.97 |
|      | 744 | 12.85 | 13.38 | 13.39 | 15.56 | 16.32 | 16.42 | 17.35 | 17.76 | 18.04 | 17.90 | 19.60 | 19.78 | 20.28 | 18.23 | 16.92 |
|      | 843 | 12.40 | 15.50 | 16.27 | 17.16 | 17.84 | 18.41 | 20.26 | 19.89 | 19.14 | 17.61 | 20.14 | 19.40 | 18.73 | 17.69 | 17.87 |
|      | 844 | 14.01 | 15.40 | 16.91 | 16.97 | 17.83 | 19.29 | 23.00 | 22.50 | 21.01 | 20.70 | 20.23 | 18.66 | 17.01 | 15.69 | 18.52 |
|      | 943 | 10.77 | 11.02 | 11.66 | 12.58 | 13.47 | 11.84 | 12.30 | 12.61 | 13.44 | 11.95 | 12.02 | 12.24 | 12.28 | 11.60 | 12.13 |
|      | 944 | 11.33 | 12.39 | 13.62 | 12.92 | 13.84 | 14.07 | 13.60 | 13.61 | 14.35 | 13.98 | 14.16 | 14.07 | 14.27 |       |       |

乾物採取量/体重 % 分焼後

| 低CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 131   | 2.15 | 2.29 | 2.45 | 2.46 | 2.41 | 2.69 | 2.67 | 2.69 | 2.55 | 2.69 | 2.65 | 2.57 | 2.69 | 2.75 | 2.55 |
|      | 231   | 2.52 | 2.91 | 3.03 | 2.78 | 3.00 | 3.21 | 3.07 | 3.29 | 3.37 | 3.48 | 3.34 | 3.54 | 2.94 | 3.10 | 3.11 |
|      | 232   | 2.63 | 3.01 | 3.16 | 3.24 | 3.36 | 3.46 | 3.42 | 3.64 | 3.70 | 3.67 | 3.50 | 3.64 | 3.61 | 3.56 | 3.40 |
|      | 331   | 2.38 | 2.94 | 3.19 | 3.25 | 2.94 | 3.21 | 3.36 | 3.38 | 3.15 | 3.66 | 3.74 | 3.76 | 3.78 | 3.75 | 3.32 |
|      | 332   | 2.21 | 2.66 | 3.00 | 2.91 | 3.32 | 3.34 | 3.38 | 3.37 | 3.17 | 3.03 | 3.17 | 3.12 | 2.73 | 3.21 | 3.04 |
|      | 431   | 1.97 | 2.61 | 3.06 | 3.12 | 3.22 | 3.10 | 3.18 | 3.23 | 3.23 | 3.34 | 3.36 | 3.36 | 3.36 | 3.32 | 3.10 |
|      | 432   | 1.42 | 2.22 | 2.11 | 2.61 | 2.72 | 2.35 | 2.70 | 2.77 | 2.92 | 2.98 | 3.09 | 3.13 | 2.92 | 3.12 | 2.65 |
|      | 531   | 2.29 | 2.66 | 2.73 | 2.85 | 2.93 | 2.99 | 3.20 | 3.34 | 3.37 | 3.44 | 2.90 | 3.33 | 3.11 | 2.98 | 3.01 |
|      | 532   | 1.75 | 2.43 | 2.70 | 2.77 | 3.34 | 3.41 | 3.45 | 3.78 | 3.85 | 3.81 | 3.73 | 3.83 | 3.77 | 3.27 | 3.28 |
|      | 621   | 2.29 | 2.41 | 2.63 | 2.57 | 2.50 | 3.15 | 3.52 | 3.48 | 3.39 | 3.54 | 3.59 | 3.58 | 3.77 | 3.75 | 3.15 |
|      | 623   | 2.64 | 2.25 | 2.67 | 3.39 | 3.28 | 2.91 | 3.45 | 3.51 | 3.61 | 3.64 | 3.58 | 3.65 | 3.60 | 3.70 | 3.28 |
|      | 731   | 3.07 | 2.96 | 2.95 | 2.47 | 2.91 | 3.47 | 3.49 | 3.89 | 4.12 | 4.21 | 4.27 | 4.33 | 3.32 | 2.38 | 3.42 |
|      | 831   | 1.85 | 2.34 | 2.48 | 2.60 | 2.69 | 2.64 | 2.62 | 2.89 | 2.67 | 2.77 | 2.88 | 2.83 | 2.71 | 2.78 | 2.63 |
|      | 931   | 2.60 | 2.63 | 2.95 | 3.13 | 3.03 | 3.05 | 3.36 | 2.88 | 3.17 | 2.70 | 3.13 | 3.39 | 3.21 | 3.04 | 3.02 |
|      | 932   | 1.94 | 2.23 | 2.67 | 3.00 | 3.28 | 3.46 | 3.61 | 3.51 | 3.58 | 3.47 | 3.12 | 3.33 | 3.32 | 3.32 | 3.13 |
|      | 031   | 2.32 | 2.49 | 2.70 | 2.81 | 2.92 | 2.70 | 2.94 | 2.98 | 3.11 | 3.02 | 3.03 | 3.16 | 3.56 | 3.25 | 2.93 |
|      | 032   | 1.75 | 1.81 | 2.07 | 2.01 | 2.14 | 2.06 | 2.13 | 2.20 | 2.02 | 2.18 | 2.61 | 2.43 | 2.57 | 2.51 | 2.18 |
|      | 141   | 2.36 | 2.60 | 2.73 | 2.55 | 2.91 | 2.90 | 2.66 | 2.71 | 2.72 | 2.74 | 2.73 | 2.64 | 2.66 | 2.68 | 2.68 |
|      | 142   | 2.48 | 2.22 | 2.50 | 2.66 | 2.15 | 2.42 | 2.10 | 2.14 | 2.11 | 1.88 | 2.04 | 2.03 | 1.72 | 1.02 | 2.11 |
|      | 241   | 2.48 | 2.88 | 3.03 | 2.99 | 3.24 | 3.44 | 3.46 | 3.46 | 3.34 | 3.43 | 3.29 | 3.30 | 3.19 | 3.14 | 3.19 |
|      | 242   | 2.03 | 3.22 | 3.49 | 3.55 | 3.64 | 3.67 | 3.59 | 3.56 | 3.53 | 3.56 | 3.54 | 3.71 | 3.45 | 3.54 | 3.43 |
|      | 341   | 2.49 | 2.99 | 3.25 | 3.14 | 3.13 | 3.45 | 3.55 | 3.54 | 3.53 | 3.56 | 3.44 | 3.60 | 3.42 | 3.47 | 3.33 |
|      | 342   | 2.17 | 2.15 | 2.49 | 2.77 | 3.10 | 3.17 | 3.23 | 3.11 | 2.58 | 3.27 | 3.25 | 2.99 | 2.50 | 2.56 | 2.81 |
|      | 441   | 2.24 | 2.90 | 2.65 | 2.86 | 2.83 | 2.77 | 2.94 | 3.08 | 3.18 | 3.30 | 3.34 | 3.38 | 3.31 | 3.28 | 3.00 |
|      | 442   | 2.06 | 2.69 | 2.83 | 2.93 | 3.04 | 3.12 | 2.56 | 3.24 | 3.46 | 3.45 | 3.52 | 3.48 | 3.25 | 3.46 | 3.08 |
|      | 541   | 2.29 | 3.26 | 3.09 | 3.28 | 3.42 | 3.57 | 3.83 | 3.97 | 3.87 | 3.78 | 3.87 | 3.96 | 3.66 | 3.68 | 3.54 |
|      | 542   | 2.73 | 2.85 | 2.91 | 3.13 | 3.28 | 3.29 | 3.01 | 3.19 | 3.42 | 3.59 | 3.64 | 3.79 | 3.85 | 3.78 | 3.32 |
|      | 641   | 2.09 | 2.34 | 2.52 | 2.99 | 3.00 | 3.04 | 3.02 | 3.11 | 3.08 | 3.15 | 3.06 | 3.24 | 3.26 | 3.32 | 2.94 |
|      | 642   | 2.50 | 2.62 | 2.86 | 2.82 | 2.95 | 3.44 | 3.39 | 3.38 | 3.58 | 3.49 | 3.51 | 3.92 | 3.95 | 2.92 | 3.24 |
|      | 741   | 1.63 | 2.42 | 2.44 | 2.66 | 2.59 | 2.58 | 2.57 | 2.89 | 2.86 | 3.63 | 3.50 | 3.78 | 3.82 | 3.87 | 2.95 |
|      | 742   | 2.64 | 2.87 | 3.38 | 3.70 | 3.73 | 3.82 | 4.18 | 4.63 | 4.73 | 4.55 | 5.05 | 4.83 | 4.75 | 4.91 | 4.13 |
|      | 841   | 2.41 | 2.87 | 3.02 | 3.39 | 3.84 | 3.91 | 3.99 | 3.96 | 4.11 | 3.84 | 3.84 | 3.92 | 3.66 | 3.65 | 3.60 |
|      | 842   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 941   | 2.48 | 3.23 | 3.38 | 3.15 | 3.40 | 3.44 | 3.67 | 3.69 | 3.48 | 3.88 | 3.81 | 3.83 | 3.77 | 3.59 | 3.49 |
|      | 942   | 1.99 | 2.40 | 2.80 | 2.83 | 2.76 | 2.97 | 2.80 | 2.67 | 2.69 | 2.80 | 2.75 | 2.73 | 2.64 | 2.64 | 2.68 |
|      | 13AVE | 2.22 | 2.52 | 2.74 | 2.82 | 2.94 | 3.01 | 3.15 | 3.23 | 3.23 | 3.27 | 3.28 | 3.35 | 3.23 | 3.16 | 3.01 |
|      | 14AVE | 2.30 | 2.74 | 2.90 | 3.02 | 3.12 | 3.24 | 3.21 | 3.31 | 3.31 | 3.41 | 3.42 | 3.48 | 3.35 | 3.26 | 3.15 |
|      | AVE   | 2.26 | 2.63 | 2.82 | 2.92 | 3.03 | 3.12 | 3.18 | 3.27 | 3.27 | 3.34 | 3.35 | 3.41 | 3.29 | 3.21 | 3.08 |

| 高CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 132   | 2.34 | 2.73 | 2.77 | 3.14 | 3.30 | 3.50 | 3.70 | 3.64 | 3.70 | 3.72 | 3.74 | 3.67 | 3.29 | 3.35 | 3.33 |
|      | 233   | 2.33 | 2.69 | 3.08 | 3.22 | 2.96 | 3.15 | 3.15 | 3.23 | 3.23 | 3.20 | 3.28 | 3.25 | 3.33 | 3.28 | 3.10 |
|      | 234   | 2.21 | 2.77 | 3.01 | 3.20 | 3.20 | 3.48 | 3.47 | 3.47 | 3.41 | 3.28 | 3.45 | 3.48 | 3.45 | 3.39 | 3.23 |
|      | 333   | 2.76 | 2.98 | 3.10 | 3.40 | 3.45 | 3.58 | 3.57 | 3.51 | 3.49 | 3.57 | 3.48 | 3.51 | 3.31 | 3.46 | 3.37 |
|      | 334   | 2.67 | 2.96 | 3.16 | 3.39 | 3.39 | 2.73 | 3.28 | 3.63 | 3.60 | 3.52 | 3.59 | 3.60 | 3.71 | 3.58 | 3.34 |
|      | 433   | 2.36 | 2.21 | 2.43 | 3.36 | 3.63 | 3.34 | 3.29 | 3.29 | 3.43 | 3.61 | 3.55 | 3.68 | 3.60 | 3.62 | 3.24 |
|      | 434   | 1.86 | 2.59 | 2.69 | 2.73 | 3.05 | 2.93 | 2.79 | 2.83 | 2.98 | 3.14 | 3.10 | 3.18 | 3.31 | 3.11 | 2.88 |
|      | 533   | 2.55 | 2.59 | 2.77 | 3.18 | 3.50 | 3.61 | 3.64 | 3.46 | 3.69 | 3.63 | 3.72 | 3.52 | 3.64 | 3.60 | 3.36 |
|      | 534   | 1.99 | 2.53 | 2.83 | 2.98 | 3.13 | 3.44 | 3.40 | 3.54 | 3.55 | 3.49 | 3.48 | 3.57 | 3.31 | 3.30 | 3.18 |
|      | 622   | 2.39 | 2.64 | 2.98 | 3.11 | 3.26 | 3.19 | 3.38 | 3.47 | 2.68 | 2.62 | 2.92 | 3.42 | 3.05 | 3.23 | 3.02 |
|      | 624   | 2.04 | 2.37 | 2.66 | 2.83 | 3.03 | 2.99 | 3.17 | 3.32 | 3.21 | 3.35 | 3.28 | 3.34 | 3.24 | 3.49 | 3.02 |
|      | 734   | 2.98 | 3.36 | 3.71 | 3.88 | 3.41 | 3.74 | 3.66 | 3.46 | 3.26 | 2.69 | 2.52 | 2.39 | 2.25 | 2.16 | 3.10 |
|      | 832   | 1.38 | 2.01 | 2.19 | 2.26 | 2.17 | 2.58 | 2.84 | 2.78 | 2.75 | 2.91 | 2.77 | 2.91 | 2.77 | 2.72 | 2.50 |
|      | 933   | 2.97 | 3.31 | 3.44 | 3.18 | 3.48 | 3.70 | 3.60 | 3.61 | 3.60 | 3.59 | 3.69 | 3.58 | 3.48 | 3.39 | 3.47 |
|      | 934   | 2.15 | 2.91 | 3.17 | 3.46 | 3.46 | 3.36 | 3.34 | 3.37 | 3.39 | 3.26 | 3.25 | 3.47 | 2.27 | 3.07 | 3.14 |
|      | 033   | 2.48 | 2.51 | 2.22 | 2.46 | 2.62 | 2.63 | 3.09 | 2.87 | 3.05 | 3.09 | 3.42 | 3.33 | 3.56 | 3.35 | 2.90 |
|      | 034   | 2.17 | 1.85 | 2.14 | 1.97 | 2.00 | 2.41 | 2.44 | 2.21 | 2.30 | 2.42 | 2.44 | 2.13 | 2.44 | 2.01 | 2.21 |
|      | 143   | 2.26 | 2.27 | 2.47 | 2.73 | 2.65 | 3.05 | 3.28 | 3.36 | 3.57 | 3.62 | 3.60 | 3.46 | 3.57 | 3.39 | 3.09 |
|      | 144   | 2.26 | 2.56 | 2.84 | 2.88 | 2.91 | 3.13 | 3.19 | 2.87 | 3.13 | 3.22 | 3.37 | 3.26 | 3.12 | 3.53 | 3.02 |
|      | 243   | 2.70 | 3.02 | 3.29 | 3.20 | 3.92 | 3.29 | 3.44 | 3.58 | 3.57 | 3.96 | 3.89 | 3.90 | 3.90 | 3.97 | 3.55 |
|      | 244   | 2.40 | 2.69 | 2.11 | 3.16 | 3.58 | 3.67 | 3.60 | 3.59 | 3.61 | 3.47 | 3.57 | 3.62 | 3.77 | 3.75 | 3.33 |
|      | 343   | 2.49 | 2.67 | 2.94 | 3.13 | 3.16 | 3.35 | 3.49 | 3.45 | 3.60 | 3.70 | 3.57 | 3.61 | 3.67 | 3.62 | 3.32 |
|      | 344   | 2.45 | 2.78 | 2.96 | 3.17 | 3.36 | 3.64 | 3.55 | 3.56 | 3.68 | 3.64 | 3.64 | 3.61 | 3.59 | 3.57 | 3.37 |
|      | 443   | 2.57 | 2.40 | 2.53 | 2.72 | 2.95 | 2.70 | 2.85 | 3.02 | 3.23 | 3.08 | 3.18 | 3.13 | 3.10 | 3.25 | 2.91 |
|      | 444   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 543   | 2.38 | 2.65 | 3.05 | 2.93 | 3.13 | 3.40 | 3.24 | 3.53 | 3.62 | 3.68 | 3.85 | 3.66 | 3.73 | 3.83 | 3.33 |
|      | 544   | 2.05 | 2.33 | 2.80 | 2.74 | 2.98 | 3.25 | 3.34 | 3.52 | 3.72 | 3.70 | 3.64 | 3.75 | 3.74 | 3.59 | 3.23 |
|      | 643   | 2.06 | 2.65 | 2.70 | 3.49 | 3.29 | 3.35 | 3.49 | 3.55 | 3.77 | 3.50 | 3.47 | 3.53 | 3.57 | 3.51 | 3.28 |
|      | 644   | 2.72 | 2.88 | 2.96 | 2.90 | 2.97 | 3.42 | 3.28 | 3.37 | 3.78 | 3.41 | 3.35 | 3.52 | 3.71 | 3.55 | 3.27 |
|      | 743   | 2.61 | 3.08 | 3.09 | 3.26 | 3.57 | 3.25 | 3.71 | 3.93 | 3.84 | 3.33 | 4.07 | 4.36 | 4.27 | 4.01 | 3.60 |
|      | 744   | 2.41 | 2.50 | 2.51 | 2.91 | 3.06 | 3.07 | 3.25 | 3.33 | 3.38 | 3.35 | 3.67 | 3.70 | 3.80 | 3.41 | 3.17 |
|      | 843   | 2.11 | 2.67 | 2.87 | 3.11 | 3.30 | 3.43 | 3.53 | 3.55 | 3.45 | 3.24 | 3.72 | 3.54 | 3.53 | 3.36 | 3.24 |
|      | 844   | 2.42 | 2.70 | 3.00 | 3.04 | 3.12 | 3.44 | 3.73 | 3.83 | 3.65 | 3.58 | 3.45 | 3.29 | 2.91 | 2.73 | 3.21 |
|      | 943   | 2.32 | 2.51 | 2.51 | 2.85 | 3.02 | 2.66 | 2.69 | 2.75 | 3.05 | 2.68 | 2.73 | 2.78 | 2.79 | 2.67 | 2.72 |
|      | 944   | 2.54 | 2.85 | 3.09 | 3.09 | 3.33 | 3.37 | 3.23 | 3.22 | 3.34 | 3.14 | 3.23 | 3.16 | 3.20 | 3.17 | 3.14 |
|      | 13AVE | 2.33 | 2.65 | 2.84 | 3.04 | 3.12 | 3.20 | 3.28 | 3.28 | 3.25 | 3.24 | 3.27 | 3.30 | 3.18 | 3.18 | 3.08 |
|      | 14AVE | 2.40 | 2.66 | 2.81 | 3.02 | 3.19 | 3.26 | 3.35 | 3.41 | 3.53 | 3.43 | 3.53 | 3.52 | 3.53 | 3.47 | 3.22 |
|      | AVE   | 2.36 | 2.65 | 2.83 | 3.03 | 3.16 | 3.23 | 3.31 | 3.34 | 3.39 | 3.34 | 3.40 | 3.41 | 3.35 | 3.32 | 3.15 |

2.TDN摄取量

kg

分娩前

| 低CP区 | NO    | -9   | -8   | -7   | -6   | -5   | -4   | -3   | -2   | -1   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|
|      | 131   | 6.43 | 6.29 | 7.07 | 6.62 | 6.61 | 6.68 | 8.19 | 8.67 | 8.68 | 7.25 |
|      | 231   | 5.71 | 5.90 | 5.75 | 6.36 | 6.16 | 6.27 | 6.64 | 6.78 | 6.50 | 6.23 |
|      | 232   |      | 6.46 | 6.45 | 6.37 | 6.10 | 6.35 | 6.38 | 7.20 | 7.35 | 5.85 |
|      | 331   | 6.41 | 6.48 | 6.82 | 6.91 | 6.94 | 6.99 | 7.56 | 7.56 | 7.60 | 7.03 |
|      | 332   | 6.09 | 6.64 | 6.30 | 6.35 | 6.38 | 6.42 | 7.43 | 6.48 | 7.34 | 6.60 |
|      | 431   | 6.44 | 6.85 | 6.85 | 6.85 | 6.85 | 7.05 | 7.05 | 7.05 | 7.01 | 6.89 |
|      | 432   | 6.06 | 5.93 | 6.01 | 5.85 | 6.10 | 6.59 | 6.49 | 6.41 | 5.91 | 6.15 |
|      | 531   | 7.45 | 7.65 | 7.73 | 7.89 | 7.90 | 7.69 | 8.79 | 8.83 | 8.95 | 8.10 |
|      | 532   | 6.51 | 6.51 | 5.61 | 5.88 | 5.71 | 6.00 | 7.03 | 6.85 | 6.22 | 6.26 |
|      | 621   | 6.20 | 6.85 | 6.44 | 6.84 | 6.37 | 4.61 | 5.93 | 6.31 | 4.50 | 6.01 |
|      | 623   | 6.22 | 6.22 | 6.16 | 6.53 | 6.31 | 6.55 | 7.22 | 7.33 | 7.14 | 6.63 |
|      | 731   |      | 5.11 | 6.51 | 6.50 | 6.38 | 6.62 | 6.54 | 6.87 | 6.05 | 5.62 |
|      | 831   | 6.30 | 7.06 | 7.11 | 7.26 | 6.82 | 7.19 | 7.46 | 7.48 | 6.99 | 7.07 |
|      | 931   |      | 6.04 | 6.19 | 6.55 | 6.45 | 6.59 | 6.74 | 7.18 | 7.08 | 5.87 |
|      | 932   |      | 6.47 | 6.46 | 6.66 | 6.73 | 6.72 | 6.86 | 7.30 | 6.38 | 5.95 |
|      | 031   | 6.28 | 6.28 | 6.27 | 6.02 | 5.96 | 6.34 | 7.35 | 7.36 | 6.19 | 6.45 |
|      | 032   | 6.21 | 6.23 | 6.54 | 6.87 | 6.37 | 6.64 | 7.65 | 7.00 | 6.30 | 6.65 |
|      | 141   |      | 6.32 | 6.26 | 7.01 | 6.97 | 7.28 | 7.32 | 7.75 | 7.86 | 6.12 |
|      | 142   | 6.70 | 7.03 | 6.95 | 6.88 | 6.95 | 6.94 | 7.32 | 7.25 | 7.48 | 7.05 |
|      | 241   | 6.43 | 6.22 | 6.60 | 6.62 | 6.67 | 6.96 | 7.13 | 7.08 | 7.11 | 6.76 |
|      | 242   | 6.67 | 6.66 | 6.57 | 5.99 | 6.39 | 6.43 | 7.05 | 7.27 | 6.64 | 6.63 |
|      | 341   | 5.97 | 5.81 | 6.06 | 5.95 | 6.04 | 6.06 | 6.51 | 7.35 | 7.47 | 6.36 |
|      | 342   | 6.73 | 6.50 | 6.70 | 6.74 | 6.37 | 6.66 | 7.85 | 7.31 | 6.41 | 6.81 |
|      | 441   | 6.89 | 6.55 | 6.36 | 6.76 | 7.18 | 7.07 | 7.58 | 8.12 | 7.23 | 7.08 |
|      | 442   | 6.50 | 6.18 | 6.32 | 6.30 | 6.95 | 7.07 | 7.08 | 7.10 | 6.72 | 6.69 |
|      | 541   | 6.94 | 7.08 | 6.78 | 7.12 | 7.23 | 7.27 | 7.87 | 7.92 | 7.91 | 7.35 |
|      | 542   | 6.44 | 6.55 | 6.73 | 6.71 | 6.85 | 6.95 | 7.66 | 7.67 | 7.78 | 7.04 |
|      | 641   | 6.92 | 7.07 | 7.19 | 5.78 | 6.49 | 7.66 | 8.51 | 8.00 | 7.92 | 7.28 |
|      | 642   | 6.45 | 6.36 | 6.62 | 5.50 | 5.56 | 5.68 | 6.19 | 6.81 | 6.53 | 6.19 |
|      | 741   |      | 5.37 | 6.73 | 6.75 | 6.85 | 7.05 | 7.02 | 7.47 | 7.47 | 6.08 |
|      | 742   | 6.75 | 5.40 | 6.75 | 6.71 | 6.51 | 6.53 | 6.87 | 7.36 | 7.39 | 6.70 |
|      | 841   | 6.80 | 6.86 | 6.07 | 5.67 | 5.42 | 6.13 | 6.20 | 6.77 | 6.88 | 6.31 |
|      | 842   | 5.81 | 5.25 | 4.04 | 3.98 | 3.94 | 4.39 | 4.88 | 5.28 | 5.59 | 4.80 |
|      | 941   | 4.61 | 3.71 | 6.22 | 6.57 | 6.66 | 6.74 | 7.19 | 7.20 | 7.36 | 6.25 |
|      | 942   | 6.13 | 6.05 | 6.27 | 5.39 | 5.93 | 6.40 | 7.14 | 7.10 | 6.77 | 6.35 |
|      | 13AVE | 6.33 | 6.41 | 6.49 | 6.61 | 6.48 | 6.55 | 7.14 | 7.22 | 6.84 | 6.51 |
|      | 14AVE | 6.42 | 6.17 | 6.40 | 6.25 | 6.39 | 6.63 | 7.08 | 7.27 | 7.14 | 6.55 |
|      | AVE   | 6.38 | 6.28 | 6.44 | 6.42 | 6.43 | 6.59 | 7.11 | 7.24 | 6.99 | 6.53 |

| 高CP区 | NO    | -9   | -8   | -7   | -6   | -5   | -4   | -3   | -2   | -1   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|
|      | 132   | 5.72 | 5.85 | 5.90 | 6.12 | 6.09 | 6.14 | 7.46 | 7.47 | 7.39 | 6.46 |
|      | 233   | 5.26 | 5.13 | 4.97 | 5.15 | 5.43 | 4.99 | 6.36 | 6.61 | 6.44 | 5.59 |
|      | 234   | 6.71 | 6.75 | 6.74 | 6.76 | 6.76 | 6.83 | 7.58 | 7.57 | 7.49 | 7.02 |
|      | 333   | 6.94 | 6.94 | 7.11 | 7.27 | 7.41 | 7.47 | 7.98 | 7.64 | 6.57 | 7.26 |
|      | 334   | 6.97 | 7.13 | 7.02 | 7.01 | 7.10 | 7.17 | 7.40 | 7.61 | 7.35 | 7.20 |
|      | 433   |      | 6.82 | 6.94 | 6.80 | 6.90 | 6.86 | 6.94 | 7.28 | 7.28 | 6.20 |
|      | 434   | 6.44 | 6.55 | 6.53 | 6.58 | 6.61 | 6.65 | 6.74 | 6.74 | 5.69 | 6.50 |
|      | 533   | 5.84 | 5.49 | 5.62 | 6.85 | 6.72 | 6.66 | 7.44 | 7.94 | 7.85 | 6.71 |
|      | 534   | 6.03 | 6.27 | 6.64 | 6.74 | 6.79 | 6.81 | 7.67 | 7.62 | 7.71 | 6.92 |
|      | 622   | 5.92 | 5.42 | 6.12 | 6.43 | 6.14 | 6.79 | 7.35 | 7.16 | 7.16 | 6.50 |
|      | 624   | 6.95 | 6.82 | 7.02 | 7.02 | 7.02 | 6.99 | 7.72 | 7.32 | 7.59 | 7.16 |
|      | 734   | 6.38 | 5.93 | 6.29 | 6.30 | 6.69 | 6.90 | 7.31 | 7.61 | 7.74 | 6.80 |
|      | 832   | 5.25 | 5.42 | 5.17 | 5.87 | 5.33 | 5.51 | 6.40 | 5.87 | 6.58 | 5.71 |
|      | 933   |      | 6.45 | 6.79 | 5.98 | 6.40 | 6.86 | 6.98 | 7.29 | 7.22 | 6.00 |
|      | 934   | 6.65 | 6.31 | 6.72 | 6.63 | 6.48 | 6.86 | 7.08 | 7.41 | 7.22 | 6.82 |
|      | 033   | 6.85 | 6.70 | 7.21 | 7.15 | 7.24 | 7.23 | 8.23 | 8.23 | 7.68 | 7.39 |
|      | 034   |      | 6.28 | 6.40 | 6.44 | 6.47 | 6.43 | 5.80 | 7.41 | 4.86 | 5.57 |
|      | 143   |      | 6.28 | 6.62 | 6.84 | 7.13 | 7.05 | 7.11 | 6.95 | 6.84 | 6.00 |
|      | 144   | 7.53 | 7.43 | 7.33 | 7.47 | 7.45 | 7.05 | 7.12 | 7.69 | 6.31 | 7.26 |
|      | 243   | 7.25 | 6.73 | 6.84 | 6.98 | 7.05 | 7.38 | 7.83 | 7.27 | 7.67 | 7.22 |
|      | 244   | 6.51 | 7.11 | 7.22 | 7.22 | 7.25 | 7.76 | 7.87 | 7.87 | 7.64 | 7.38 |
|      | 343   | 6.68 | 6.65 | 6.49 | 6.60 | 6.64 | 7.36 | 7.15 | 7.36 | 7.68 | 6.96 |
|      | 344   | 7.05 | 7.05 | 6.88 | 6.99 | 7.30 | 6.92 | 7.25 | 7.85 | 7.34 | 7.18 |
|      | 443   | 6.68 | 7.06 | 7.11 | 7.12 | 7.20 | 7.28 | 7.81 | 7.87 | 7.68 | 7.31 |
|      | 444   | 5.87 | 6.66 | 6.93 | 6.92 | 6.75 | 7.59 | 7.72 | 7.14 | 5.71 | 6.81 |
|      | 543   | 6.68 | 6.77 | 6.93 | 6.98 | 7.05 | 6.96 | 7.65 | 7.76 | 7.91 | 7.19 |
|      | 544   | 6.88 | 6.36 | 6.47 | 6.55 | 7.11 | 6.93 | 7.53 | 7.88 | 7.73 | 7.05 |
|      | 643   | 6.70 | 6.77 | 6.71 | 6.59 | 6.85 | 6.66 | 7.31 | 7.33 | 6.66 | 6.84 |
|      | 644   | 6.41 | 6.21 | 6.32 | 6.43 | 6.95 | 6.33 | 6.46 | 6.84 | 6.88 | 6.54 |
|      | 743   | 6.28 | 5.78 | 6.13 | 6.46 | 6.10 | 6.41 | 6.07 | 7.02 | 7.15 | 6.38 |
|      | 744   |      | 5.96 | 6.21 | 6.36 | 5.92 | 5.05 | 4.79 | 6.09 | 4.73 | 5.01 |
|      | 843   | 7.20 | 6.91 | 7.43 | 7.80 | 8.49 | 7.90 | 8.53 | 7.87 | 6.68 | 7.65 |
|      | 844   | 7.26 | 7.00 | 6.89 | 7.52 | 7.96 | 7.88 | 8.32 | 8.01 | 7.53 | 7.60 |
|      | 943   | 6.04 | 5.94 | 6.41 | 6.48 | 6.57 | 6.61 | 6.72 | 6.27 | 6.28 | 6.37 |
|      | 944   | 6.14 | 5.54 | 5.67 | 5.10 | 5.07 | 5.28 | 5.53 | 5.84 | 5.81 | 5.55 |
|      | 13AVE | 6.28 | 6.25 | 6.42 | 6.54 | 6.56 | 6.66 | 7.20 | 7.34 | 7.05 | 6.58 |
|      | 14AVE | 6.70 | 6.57 | 6.70 | 6.80 | 6.94 | 6.91 | 7.15 | 7.27 | 6.90 | 6.79 |
|      | AVE   | 6.50 | 6.41 | 6.56 | 6.67 | 6.75 | 6.79 | 7.18 | 7.31 | 6.97 | 6.69 |

TDN摂取量/飼養標準

| 低CP区 | NO    | -9     | -8     | -7     | -6     | -5     | -4     | -3     | -2     | -1     | 平均     |
|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | 131   | 93.88  | 90.85  | 101.66 | 97.26  | 93.36  | 95.95  | 110.44 | 115.16 | 113.85 | 101.36 |
|      | 231   | 85.95  | 88.34  | 85.33  | 93.77  | 90.09  | 91.46  | 89.28  | 91.55  | 87.71  | 89.28  |
|      | 232   |        | 95.88  | 96.42  | 94.66  | 89.93  | 93.68  | 87.18  | 95.69  | 98.26  | 83.52  |
|      | 331   | 92.00  | 90.82  | 94.16  | 95.14  | 94.87  | 95.02  | 96.65  | 95.63  | 96.95  | 94.58  |
|      | 332   | 81.94  | 88.66  | 83.19  | 83.63  | 84.39  | 84.68  | 91.56  | 80.24  | 92.07  | 85.60  |
|      | 431   | 96.63  | 100.92 | 101.50 | 99.97  | 98.95  | 101.57 | 101.45 | 101.12 | 99.46  | 100.17 |
|      | 432   | 87.34  | 84.16  | 84.40  | 82.39  | 85.06  | 91.92  | 91.11  | 89.06  | 81.88  | 86.37  |
|      | 531   | 96.90  | 98.54  | 98.90  | 98.92  | 98.99  | 96.03  | 103.22 | 103.22 | 103.22 | 99.77  |
|      | 532   | 92.40  | 92.47  | 79.56  | 83.55  | 81.13  | 85.18  | 91.76  | 88.92  | 79.93  | 86.10  |
|      | 621   | 90.10  | 97.91  | 89.84  | 95.23  | 89.70  | 64.63  | 79.11  | 83.78  | 59.21  | 83.28  |
|      | 623   | 91.92  | 90.98  | 88.99  | 93.56  | 89.53  | 86.82  | 94.76  | 97.14  | 94.00  | 91.97  |
|      | 731   |        | 75.83  | 95.73  | 95.08  | 91.93  | 95.86  | 95.30  | 112.50 | 97.07  | 84.37  |
|      | 831   | 79.75  | 87.27  | 87.13  | 88.54  | 82.37  | 86.73  | 84.39  | 84.33  | 78.72  | 84.36  |
|      | 931   |        | 92.39  | 93.33  | 97.54  | 96.10  | 97.26  | 92.68  | 97.33  | 95.09  | 84.64  |
|      | 932   |        | 97.91  | 97.35  | 99.51  | 100.24 | 98.65  | 94.14  | 99.99  | 86.38  | 86.02  |
|      | 031   | 93.51  | 93.10  | 92.41  | 87.85  | 86.66  | 91.78  | 97.59  | 97.00  | 81.27  | 91.24  |
|      | 032   | 91.12  | 91.23  | 94.57  | 98.34  | 90.66  | 94.83  | 102.44 | 92.53  | 83.08  | 93.20  |
|      | 141   |        | 92.82  | 89.18  | 99.16  | 100.60 | 103.07 | 102.14 | 100.94 | 101.13 | 85.99  |
|      | 142   | 108.40 | 111.06 | 110.25 | 107.78 | 106.94 | 108.66 | 100.75 | 100.05 | 101.67 | 106.17 |
|      | 241   | 92.42  | 88.74  | 93.82  | 93.96  | 94.88  | 98.08  | 93.40  | 92.16  | 92.31  | 93.31  |
|      | 242   | 99.21  | 99.81  | 97.23  | 88.54  | 93.08  | 93.22  | 94.38  | 97.63  | 87.70  | 94.53  |
|      | 341   | 89.02  | 86.47  | 88.90  | 85.87  | 87.09  | 87.06  | 87.63  | 96.88  | 98.51  | 89.72  |
|      | 342   | 91.91  | 87.41  | 89.81  | 89.83  | 84.71  | 87.88  | 97.50  | 90.51  | 79.43  | 88.78  |
|      | 441   | 101.88 | 95.41  | 92.71  | 98.01  | 104.38 | 101.44 | 108.21 | 115.56 | 102.91 | 102.28 |
|      | 442   | 106.45 | 100.20 | 101.97 | 99.54  | 109.91 | 111.91 | 110.58 | 109.52 | 102.28 | 105.82 |
|      | 541   | 99.40  | 102.52 | 96.22  | 99.13  | 100.17 | 100.53 | 100.48 | 100.59 | 100.10 | 99.90  |
|      | 542   | 93.89  | 95.48  | 96.09  | 96.19  | 97.95  | 96.96  | 100.56 | 98.98  | 100.10 | 97.35  |
|      | 641   | 90.71  | 90.53  | 91.43  | 75.03  | 81.59  | 98.31  | 101.28 | 95.26  | 92.92  | 90.78  |
|      | 642   | 90.26  | 87.34  | 91.69  | 74.15  | 73.32  | 75.38  | 82.04  | 88.81  | 84.96  | 83.11  |
|      | 741   |        | 72.98  | 90.97  | 91.11  | 92.41  | 93.58  | 93.53  | 93.51  | 92.98  | 80.12  |
|      | 742   | 90.92  | 73.57  | 91.49  | 89.45  | 85.55  | 84.35  | 82.85  | 89.29  | 87.92  | 86.15  |
|      | 841   | 86.08  | 84.80  | 74.39  | 69.15  | 65.46  | 73.94  | 70.14  | 76.32  | 77.48  | 75.31  |
|      | 842   | 73.54  | 64.89  | 49.51  | 48.54  | 47.58  | 52.96  | 55.20  | 59.53  | 62.95  | 57.19  |
|      | 941   | 67.67  | 54.39  | 91.20  | 96.28  | 97.57  | 98.87  | 98.63  | 98.75  | 100.99 | 89.37  |
|      | 942   | 93.12  | 91.95  | 95.25  | 81.92  | 90.11  | 97.29  | 101.31 | 100.69 | 96.08  | 94.19  |
|      | 13AVE | 90.25  | 91.60  | 92.03  | 93.23  | 90.82  | 91.30  | 94.30  | 95.60  | 89.89  | 89.75  |
|      | 14AVE | 92.18  | 87.80  | 90.67  | 87.98  | 89.63  | 92.41  | 93.37  | 94.72  | 92.36  | 90.00  |
|      | AVE   | 91.31  | 89.65  | 91.33  | 90.53  | 90.21  | 91.87  | 93.82  | 95.15  | 91.16  | 89.88  |

| 高CP区 | NO    | -9     | -8     | -7     | -6     | -5     | -4     | -3     | -2     | -1     | 平均     |
|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | 132   | 98.67  | 101.00 | 99.27  | 103.58 | 101.41 | 100.40 | 116.51 | 116.91 | 114.49 | 105.80 |
|      | 233   | 79.94  | 77.61  | 74.23  | 76.10  | 79.50  | 72.44  | 85.81  | 89.13  | 87.05  | 80.20  |
|      | 234   | 93.04  | 93.58  | 92.33  | 92.75  | 93.38  | 93.88  | 96.98  | 95.62  | 95.19  | 94.08  |
|      | 333   | 95.90  | 95.16  | 94.10  | 94.66  | 94.48  | 95.53  | 95.86  | 93.39  | 80.39  | 93.27  |
|      | 334   | 96.56  | 95.06  | 95.69  | 95.25  | 95.21  | 95.23  | 91.14  | 97.49  | 92.43  | 94.90  |
|      | 433   |        | 104.25 | 104.86 | 103.59 | 103.93 | 102.31 | 103.27 | 107.63 | 108.10 | 93.10  |
|      | 434   | 92.91  | 93.25  | 92.77  | 92.88  | 91.74  | 92.26  | 94.01  | 92.68  | 77.87  | 91.15  |
|      | 533   | 85.55  | 78.59  | 81.57  | 97.22  | 94.83  | 94.04  | 97.98  | 103.39 | 103.39 | 92.95  |
|      | 534   | 88.72  | 91.91  | 96.90  | 97.66  | 96.73  | 97.05  | 102.19 | 103.34 | 102.12 | 97.40  |
|      | 622   | 90.52  | 80.81  | 89.67  | 94.61  | 89.48  | 91.74  | 98.49  | 96.35  | 94.30  | 91.77  |
|      | 624   | 95.21  | 91.93  | 93.41  | 94.04  | 92.43  | 85.88  | 95.77  | 90.60  | 94.31  | 92.62  |
|      | 733   |        |        |        |        |        |        |        |        |        |        |
|      | 734   | 100.43 | 93.52  | 97.84  | 104.83 | 110.57 | 113.17 | 118.43 | 122.96 | 122.39 | 109.35 |
|      | 832   | 76.98  | 77.87  | 73.02  | 83.98  | 74.96  | 77.17  | 83.55  | 76.33  | 85.12  | 78.78  |
|      | 933   |        | 95.84  | 98.04  | 86.45  | 93.11  | 98.71  | 92.93  | 96.02  | 94.82  | 83.99  |
|      | 934   | 100.91 | 94.16  | 100.27 | 97.63  | 95.18  | 100.44 | 96.96  | 101.01 | 97.29  | 98.21  |
|      | 033   | 94.18  | 91.02  | 96.50  | 94.74  | 95.67  | 94.43  | 100.28 | 99.86  | 91.78  | 95.39  |
|      | 034   |        | 92.94  | 93.89  | 94.00  | 93.37  | 92.85  | 84.68  | 101.34 | 66.30  | 79.93  |
|      | 143   |        | 100.00 | 101.93 | 104.26 | 107.50 | 105.06 | 104.60 | 96.32  | 93.72  | 89.96  |
|      | 144   | 107.10 | 107.22 | 104.75 | 106.11 | 103.30 | 98.51  | 93.34  | 101.39 | 82.30  | 100.45 |
|      | 243   | 102.42 | 93.13  | 94.87  | 95.92  | 96.73  | 101.00 | 100.29 | 92.60  | 97.08  | 97.12  |
|      | 244   | 91.90  | 98.60  | 99.44  | 98.57  | 98.60  | 103.15 | 98.36  | 97.60  | 92.71  | 97.66  |
|      | 343   | 89.67  | 89.04  | 86.20  | 87.30  | 86.79  | 96.32  | 87.69  | 90.18  | 94.03  | 89.69  |
|      | 344   | 97.32  | 96.12  | 93.46  | 94.27  | 97.27  | 91.46  | 92.29  | 97.90  | 90.65  | 94.53  |
|      | 443   | 104.03 | 107.72 | 108.89 | 106.98 | 106.63 | 107.60 | 115.87 | 114.47 | 111.50 | 109.30 |
|      | 444   | 92.11  | 104.40 | 106.91 | 105.29 | 101.71 | 115.02 | 115.74 | 106.23 | 82.34  | 103.31 |
|      | 543   | 97.73  | 97.83  | 99.08  | 100.24 | 99.42  | 97.09  | 100.39 | 100.12 | 100.11 | 99.11  |
|      | 544   | 98.36  | 90.93  | 91.77  | 91.79  | 99.29  | 95.95  | 97.01  | 100.40 | 97.93  | 95.94  |
|      | 643   | 91.77  | 85.87  | 91.38  | 89.03  | 85.09  | 83.14  | 89.78  | 90.00  | 81.63  | 87.52  |
|      | 644   | 92.42  | 88.81  | 90.39  | 91.59  | 92.09  | 82.81  | 84.50  | 89.28  | 89.49  | 89.04  |
|      | 743   | 89.92  | 82.47  | 87.33  | 91.83  | 85.53  | 90.74  | 82.37  | 93.49  | 91.14  | 88.31  |
|      | 744   |        | 85.89  | 88.28  | 87.80  | 81.44  | 68.89  | 65.10  | 77.01  | 59.28  | 68.19  |
|      | 843   | 105.57 | 99.28  | 104.94 | 111.59 | 119.41 | 110.64 | 111.36 | 102.34 | 86.42  | 105.73 |
|      | 844   | 106.45 | 100.57 | 97.32  | 107.58 | 111.95 | 110.36 | 108.62 | 104.16 | 97.41  | 104.94 |
|      | 943   | 92.37  | 90.77  | 98.03  | 99.14  | 100.45 | 101.14 | 95.80  | 89.49  | 89.61  | 95.20  |
|      | 944   | 101.30 | 91.34  | 93.60  | 84.17  | 83.64  | 87.09  | 84.71  | 89.46  | 88.92  | 89.36  |
|      | 13AVE | 92.11  | 91.09  | 92.61  | 94.35  | 93.88  | 93.97  | 97.34  | 99.06  | 94.55  | 92.52  |
|      | 14AVE | 97.53  | 95.00  | 96.59  | 97.42  | 97.60  | 97.00  | 95.99  | 96.25  | 90.35  | 94.74  |
|      | AVE   | 95.00  | 93.10  | 94.66  | 95.93  | 95.79  | 95.53  | 96.65  | 97.61  | 92.39  | 93.66  |

TDN摂取量 kg 分娩後

| 低CP区 | NO    | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 平均    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 131   | 10.02 | 10.70 | 11.48 | 11.49 | 11.49 | 12.60 | 12.31 | 12.35 | 12.25 | 12.43 | 12.78 | 12.89 | 13.04 | 13.06 | 12.06 |
|      | 231   | 9.55  | 10.92 | 11.51 | 10.61 | 11.11 | 12.00 | 11.34 | 12.31 | 12.66 | 12.97 | 12.68 | 13.48 | 11.22 | 11.83 | 11.73 |
|      | 232   | 10.07 | 11.35 | 12.05 | 12.14 | 12.51 | 12.99 | 13.04 | 13.95 | 14.22 | 14.31 | 13.79 | 14.23 | 14.37 | 14.10 | 13.08 |
|      | 331   | 10.27 | 12.43 | 13.74 | 13.99 | 13.28 | 14.21 | 14.78 | 14.82 | 14.10 | 16.07 | 16.54 | 16.81 | 16.97 | 16.93 | 14.64 |
|      | 332   | 9.88  | 11.81 | 13.17 | 12.48 | 14.40 | 14.79 | 14.65 | 14.83 | 13.96 | 13.97 | 14.53 | 14.53 | 12.33 | 15.47 | 13.63 |
|      | 431   | 9.44  | 12.51 | 14.68 | 14.97 | 15.48 | 14.87 | 15.27 | 15.52 | 15.53 | 16.02 | 16.12 | 16.16 | 16.13 | 15.96 | 14.90 |
|      | 432   | 6.80  | 10.65 | 10.13 | 12.54 | 13.05 | 11.29 | 12.96 | 13.31 | 14.03 | 14.33 | 14.85 | 15.03 | 14.04 | 14.99 | 12.71 |
|      | 531   | 13.01 | 14.84 | 15.38 | 15.68 | 15.96 | 16.32 | 16.95 | 17.64 | 17.79 | 18.66 | 15.60 | 17.88 | 16.93 | 16.40 | 16.36 |
|      | 532   | 7.82  | 10.50 | 11.58 | 11.64 | 13.48 | 13.83 | 14.42 | 15.58 | 15.87 | 16.09 | 16.07 | 15.86 | 15.87 | 13.37 | 13.71 |
|      | 621   | 9.29  | 9.56  | 10.16 | 9.98  | 9.73  | 12.29 | 14.05 | 13.96 | 14.19 | 14.82 | 15.05 | 15.48 | 16.29 | 16.43 | 12.95 |
|      | 623   | 10.65 | 9.04  | 10.42 | 13.72 | 12.89 | 11.50 | 13.72 | 14.28 | 14.71 | 14.68 | 14.63 | 14.90 | 14.81 | 15.36 | 13.24 |
|      | 731   | 10.86 | 10.75 | 10.87 | 8.89  | 10.79 | 13.03 | 13.28 | 14.74 | 16.01 | 16.64 | 16.95 | 17.69 | 13.57 | 9.52  | 13.11 |
|      | 831   | 8.55  | 11.09 | 12.10 | 12.96 | 13.82 | 13.66 | 13.73 | 15.19 | 14.35 | 15.02 | 15.68 | 15.76 | 15.36 | 15.87 | 13.80 |
|      | 931   | 10.49 | 9.77  | 11.09 | 11.81 | 11.21 | 11.82 | 12.30 | 11.24 | 11.42 | 10.25 | 11.63 | 12.37 | 12.08 | 11.74 | 11.37 |
|      | 932   | 6.79  | 7.49  | 8.81  | 10.27 | 11.09 | 11.83 | 12.51 | 12.62 | 12.76 | 12.79 | 10.76 | 12.40 | 12.09 | 12.07 | 11.02 |
|      | 031   | 9.32  | 9.99  | 10.86 | 11.30 | 11.71 | 10.82 | 11.82 | 11.97 | 12.51 | 12.12 | 12.18 | 12.68 | 14.28 | 13.06 | 11.76 |
|      | 032   | 6.70  | 6.93  | 7.92  | 7.70  | 8.22  | 7.88  | 8.16  | 8.43  | 7.75  | 8.35  | 10.01 | 9.30  | 9.85  | 9.63  | 8.34  |
|      | 141   | 10.28 | 10.90 | 11.47 | 10.74 | 11.68 | 11.92 | 11.13 | 11.31 | 11.38 | 11.44 | 11.58 | 11.24 | 11.43 | 11.37 | 11.28 |
|      | 142   | 9.78  | 9.43  | 10.62 | 10.90 | 9.08  | 10.08 | 8.65  | 8.35  | 8.70  | 7.68  | 8.51  | 8.37  | 6.44  | 3.82  | 8.60  |
|      | 241   | 10.32 | 11.89 | 12.36 | 12.48 | 13.50 | 14.33 | 14.66 | 14.65 | 14.42 | 15.06 | 14.87 | 14.68 | 14.50 | 14.33 | 13.72 |
|      | 242   | 7.35  | 11.42 | 12.68 | 13.05 | 13.26 | 13.65 | 13.60 | 13.52 | 13.37 | 13.40 | 12.38 | 13.90 | 13.30 | 13.38 | 12.73 |
|      | 341   | 9.90  | 11.24 | 12.09 | 11.74 | 11.70 | 12.62 | 13.08 | 13.53 | 13.27 | 13.39 | 13.35 | 13.46 | 12.92 | 13.21 | 12.54 |
|      | 342   | 9.64  | 9.45  | 10.67 | 11.76 | 13.49 | 14.06 | 14.17 | 13.51 | 11.18 | 13.95 | 14.39 | 13.43 | 11.31 | 11.94 | 12.35 |
|      | 441   | 9.97  | 12.94 | 11.79 | 12.72 | 12.60 | 12.35 | 13.11 | 13.73 | 14.18 | 14.69 | 14.88 | 15.04 | 14.75 | 14.62 | 13.38 |
|      | 442   | 8.07  | 10.55 | 11.08 | 11.46 | 11.88 | 12.23 | 10.03 | 12.70 | 13.54 | 13.51 | 13.76 | 13.60 | 12.74 | 13.52 | 12.05 |
|      | 541   | 9.49  | 13.05 | 12.51 | 13.15 | 14.08 | 14.52 | 15.87 | 16.08 | 15.80 | 15.82 | 15.98 | 16.42 | 15.44 | 15.56 | 14.56 |
|      | 542   | 11.29 | 11.99 | 12.15 | 12.98 | 13.25 | 13.39 | 12.06 | 13.02 | 13.86 | 14.28 | 14.22 | 14.94 | 15.20 | 15.02 | 13.40 |
|      | 641   | 10.29 | 11.07 | 12.00 | 14.51 | 14.77 | 14.97 | 14.78 | 15.45 | 15.43 | 15.56 | 15.06 | 16.20 | 16.60 | 16.80 | 14.54 |
|      | 642   | 10.68 | 10.91 | 11.27 | 11.27 | 11.89 | 13.85 | 13.77 | 13.78 | 14.50 | 14.26 | 14.42 | 16.43 | 16.41 | 11.98 | 13.24 |
|      | 741   | 4.97  | 10.30 | 10.40 | 11.34 | 11.04 | 11.01 | 10.95 | 12.32 | 12.17 | 15.48 | 14.90 | 16.13 | 16.31 | 16.51 | 12.42 |
|      | 742   | 11.70 | 12.72 | 14.98 | 14.98 | 16.38 | 16.51 | 16.93 | 18.52 | 20.97 | 20.16 | 22.38 | 21.40 | 21.03 | 21.75 | 17.89 |
|      | 841   | 11.71 | 13.60 | 14.47 | 16.23 | 18.38 | 18.73 | 19.18 | 19.64 | 20.06 | 19.63 | 19.39 | 19.59 | 18.43 | 18.64 | 17.69 |
|      | 842   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|      | 941   | 9.77  | 12.50 | 13.20 | 12.26 | 13.28 | 13.30 | 14.44 | 14.58 | 13.98 | 15.71 | 15.30 | 14.93 | 14.89 | 14.28 | 13.74 |
|      | 942   | 8.08  | 9.46  | 10.60 | 10.31 | 10.11 | 10.74 | 10.43 | 10.02 | 10.18 | 10.63 | 10.51 | 10.39 | 10.11 | 10.17 | 10.12 |
|      | 13AVE | 9.38  | 10.61 | 11.53 | 11.89 | 12.37 | 12.69 | 13.25 | 13.69 | 13.77 | 14.09 | 14.11 | 14.56 | 14.07 | 13.87 | 12.85 |
|      | 14AVE | 9.60  | 11.38 | 12.02 | 12.46 | 12.96 | 13.43 | 13.34 | 13.81 | 13.94 | 14.39 | 14.46 | 14.71 | 14.22 | 13.93 | 13.19 |
|      | AVE   | 9.49  | 10.99 | 11.77 | 12.18 | 12.67 | 13.06 | 13.30 | 13.75 | 13.86 | 14.24 | 14.29 | 14.64 | 14.15 | 13.90 | 13.02 |

| 高CP区 | NO    | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 平均    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 132   | 8.47  | 9.57  | 9.79  | 10.98 | 11.45 | 12.17 | 12.50 | 12.65 | 12.90 | 13.06 | 12.96 | 12.47 | 12.43 | 12.13 | 11.68 |
|      | 233   | 8.89  | 10.32 | 11.68 | 12.27 | 11.23 | 11.88 | 12.18 | 12.36 | 12.30 | 12.40 | 12.65 | 12.82 | 13.08 | 13.44 | 11.96 |
|      | 234   | 9.65  | 11.42 | 12.52 | 12.93 | 12.98 | 14.00 | 13.76 | 13.99 | 13.81 | 13.20 | 14.11 | 14.23 | 14.23 | 14.04 | 13.21 |
|      | 333   | 12.56 | 13.39 | 13.97 | 15.28 | 16.34 | 16.91 | 17.08 | 17.42 | 17.13 | 17.53 | 17.26 | 17.65 | 16.77 | 17.18 | 16.18 |
|      | 334   | 11.98 | 13.25 | 14.15 | 14.80 | 15.03 | 11.98 | 14.50 | 15.66 | 16.24 | 15.93 | 16.14 | 16.43 | 16.77 | 16.70 | 14.97 |
|      | 433   | 10.00 | 9.36  | 10.30 | 14.28 | 15.40 | 14.18 | 13.97 | 13.97 | 14.57 | 15.32 | 15.07 | 15.60 | 15.28 | 15.37 | 13.76 |
|      | 434   | 8.95  | 12.42 | 12.93 | 13.12 | 14.63 | 14.06 | 13.42 | 13.59 | 14.31 | 15.08 | 14.87 | 15.25 | 15.88 | 14.95 | 13.82 |
|      | 533   | 11.84 | 12.03 | 12.62 | 14.47 | 15.89 | 16.05 | 15.80 | 15.84 | 16.46 | 16.26 | 16.42 | 16.25 | 16.29 | 16.44 | 15.19 |
|      | 534   | 8.69  | 11.24 | 12.49 | 13.51 | 13.96 | 15.41 | 15.27 | 15.92 | 16.08 | 15.80 | 15.92 | 16.54 | 16.01 | 15.69 | 14.47 |
|      | 622   | 9.56  | 10.60 | 11.62 | 12.22 | 12.72 | 12.49 | 13.19 | 13.75 | 10.49 | 10.24 | 11.73 | 13.55 | 12.38 | 13.23 | 11.98 |
|      | 624   | 9.26  | 10.28 | 11.36 | 12.26 | 13.39 | 12.65 | 13.71 | 14.11 | 14.39 | 14.62 | 14.34 | 14.69 | 14.27 | 15.58 | 13.21 |
|      | 734   | 13.00 | 14.08 | 15.45 | 15.75 | 14.81 | 16.69 | 16.52 | 15.28 | 14.50 | 12.30 | 11.73 | 11.08 | 10.58 | 10.01 | 13.70 |
|      | 832   | 5.12  | 7.16  | 7.71  | 8.51  | 8.30  | 9.95  | 11.16 | 11.42 | 11.06 | 11.48 | 11.29 | 11.67 | 11.65 | 11.24 | 9.84  |
|      | 933   | 12.67 | 13.78 | 14.69 | 12.81 | 14.26 | 15.55 | 15.17 | 15.39 | 15.56 | 15.92 | 16.00 | 15.63 | 15.12 | 15.20 | 14.84 |
|      | 934   | 8.30  | 11.37 | 11.97 | 12.89 | 12.95 | 12.69 | 12.51 | 12.67 | 12.88 | 12.70 | 12.59 | 13.13 | 8.32  | 11.59 | 11.90 |
|      | 033   | 11.77 | 11.91 | 10.52 | 11.67 | 12.42 | 12.46 | 14.67 | 13.61 | 14.48 | 14.65 | 16.23 | 15.83 | 16.89 | 15.89 | 13.79 |
|      | 034   | 8.30  | 7.08  | 8.22  | 7.56  | 7.65  | 9.23  | 9.35  | 8.49  | 8.82  | 9.28  | 9.34  | 8.18  | 9.34  | 7.72  | 8.47  |
|      | 143   | 8.24  | 8.14  | 8.94  | 9.95  | 9.60  | 10.89 | 11.93 | 12.46 | 13.34 | 13.59 | 13.62 | 13.22 | 13.73 | 13.61 | 11.52 |
|      | 144   | 9.64  | 10.40 | 11.00 | 11.26 | 11.14 | 12.13 | 11.58 | 11.02 | 11.77 | 12.34 | 13.20 | 12.79 | 12.58 | 13.82 | 11.76 |
|      | 243   | 11.03 | 12.30 | 13.22 | 12.90 | 11.77 | 13.30 | 13.92 | 14.49 | 14.75 | 16.43 | 16.38 | 16.59 | 16.69 | 16.99 | 14.34 |
|      | 244   | 10.00 | 10.86 | 8.09  | 12.10 | 14.09 | 14.67 | 14.50 | 14.94 | 14.97 | 14.69 | 15.06 | 15.29 | 15.90 | 16.06 | 13.66 |
|      | 343   | 11.57 | 11.99 | 12.75 | 13.40 | 13.54 | 14.36 | 14.75 | 14.44 | 15.11 | 15.59 | 15.26 | 15.25 | 15.61 | 15.53 | 14.22 |
|      | 344   | 10.63 | 11.57 | 12.57 | 13.53 | 14.34 | 15.40 | 15.10 | 15.39 | 15.71 | 15.82 | 15.86 | 15.78 | 15.61 | 15.90 | 14.52 |
|      | 443   | 11.31 | 10.58 | 11.15 | 12.01 | 12.99 | 11.89 | 12.58 | 13.33 | 14.26 | 13.60 | 14.03 | 13.80 | 13.65 | 14.35 | 12.82 |
|      | 444   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|      | 543   | 10.31 | 11.18 | 12.78 | 12.31 | 13.14 | 14.33 | 13.82 | 14.85 | 15.14 | 15.64 | 16.28 | 16.17 | 16.28 | 16.62 | 14.20 |
|      | 544   | 8.52  | 9.68  | 11.82 | 11.53 | 12.51 | 13.50 | 13.95 | 14.75 | 15.46 | 15.66 | 15.57 | 15.72 | 15.72 | 15.54 | 13.57 |
|      | 643   | 9.33  | 11.65 | 11.95 | 14.70 | 14.45 | 14.68 | 15.14 | 15.52 | 16.49 | 15.61 | 15.88 | 16.07 | 16.25 | 16.02 | 14.55 |
|      | 644   | 11.22 | 11.64 | 11.95 | 11.58 | 12.15 | 14.06 | 13.61 | 14.02 | 15.53 | 14.36 | 14.23 | 15.23 | 15.80 | 15.25 | 13.62 |
|      | 743   | 10.36 | 12.22 | 12.23 | 12.92 | 14.15 | 12.88 | 14.71 | 15.56 | 15.21 | 13.20 | 16.12 | 17.29 | 16.90 | 15.88 | 14.26 |
|      | 744   | 9.66  | 10.06 | 10.07 | 11.70 | 12.27 | 12.35 | 13.05 | 13.35 | 13.57 | 13.46 | 14.74 | 14.87 | 15.25 | 13.71 | 12.72 |
|      | 843   | 9.46  | 11.80 | 12.41 | 13.08 | 13.61 | 14.04 | 15.46 | 15.01 | 14.61 | 13.47 | 15.36 | 14.78 | 14.29 | 13.48 | 13.63 |
|      | 844   | 10.68 | 11.74 | 12.90 | 12.95 | 13.59 | 14.69 | 17.53 | 17.15 | 16.04 | 15.78 | 15.43 | 14.24 | 13.00 | 11.98 | 14.12 |
|      | 943   | 8.08  | 8.27  | 8.75  | 9.44  | 10.09 | 8.87  | 9.22  | 9.45  | 10.07 | 8.95  | 9.01  | 9.17  | 9.20  | 8.69  | 9.09  |
|      | 944   | 8.49  | 9.28  | 10.20 | 9.68  | 10.37 | 10.54 | 10.18 | 10.19 | 10.75 | 10.47 | 10.60 | 10.54 | 10.69 | 10.62 | 10.19 |
|      | 13AVE | 9.94  | 11.13 | 11.88 | 12.67 | 13.14 | 13.43 | 13.81 | 13.   |       |       |       |       |       |       |       |

TDN採取量/飼養標準 % 分娩後

| 低CP区 | NO    | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 平均     |
|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | 131   | 140.42 | 115.01 | 96.52  | 90.62  | 97.00  | 89.01  | 82.82  | 89.53  | 83.38  | 86.15  | 90.95  | 89.22  | 93.04  | 93.72  | 95.53  |
|      | 231   | 63.53  | 69.00  | 73.42  | 73.36  | 85.21  | 82.28  | 78.76  | 88.98  | 92.02  | 85.74  | 92.33  | 87.60  | 85.27  | 77.04  | 81.04  |
|      | 232   | 83.93  | 89.63  | 94.21  | 91.08  | 91.41  | 97.18  | 98.24  | 117.03 | 103.18 | 103.59 | 97.38  | 105.23 | 108.98 | 109.07 | 99.30  |
|      | 331   | 81.14  | 89.65  | 99.43  | 97.64  | 79.91  | 99.09  | 90.26  | 90.25  | 95.69  | 102.28 | 104.86 | 94.36  | 91.77  | 104.20 | 94.32  |
|      | 332   | 64.24  | 75.28  | 78.43  | 74.54  | 82.54  | 78.20  | 96.22  | 86.35  | 84.22  | 93.88  | 74.80  | 78.88  | 69.89  | 96.78  | 81.02  |
|      | 431   | 61.02  | 75.46  | 83.08  | 84.37  | 85.53  | 77.73  | 79.94  | 84.82  | 83.01  | 90.79  | 92.02  | 86.32  | 91.89  | 80.24  | 82.59  |
|      | 432   | 36.96  | 56.42  | 53.96  | 67.14  | 68.53  | 65.44  | 67.47  | 67.78  | 74.65  | 81.02  | 79.09  | 82.86  | 79.05  | 87.51  | 69.13  |
|      | 531   | 82.29  | 98.06  | 90.73  | 89.39  | 94.66  | 87.85  | 95.04  | 98.71  | 96.19  | 99.70  | 93.08  | 111.64 | 100.21 | 106.77 | 96.02  |
|      | 532   | 57.15  | 70.95  | 69.68  | 73.34  | 83.99  | 83.07  | 89.44  | 96.23  | 95.41  | 102.34 | 103.45 | 102.12 | 84.74  | 65.36  | 84.09  |
|      | 621   | 75.29  | 70.63  | 70.87  | 74.45  | 69.35  | 87.27  | 92.00  | 91.71  | 98.39  | 99.87  | 101.12 | 106.58 | 105.72 | 106.55 | 89.27  |
|      | 623   | 73.46  | 60.46  | 68.84  | 87.03  | 81.55  | 75.56  | 90.48  | 91.62  | 90.40  | 93.11  | 88.25  | 92.71  | 86.22  | 87.01  | 83.34  |
|      | 731   | 90.89  | 81.15  | 81.06  | 64.58  | 80.36  | 97.68  | 102.21 | 108.08 | 116.48 | 122.69 | 125.21 | 133.79 | 103.91 | 76.30  | 98.88  |
|      | 831   | 71.07  | 76.32  | 78.88  | 80.80  | 82.16  | 70.30  | 90.45  | 92.45  | 85.88  | 92.89  | 98.68  | 95.75  | 107.41 | 111.52 | 88.18  |
|      | 931   | 73.17  | 68.89  | 78.44  | 83.25  | 83.88  | 93.85  | 96.99  | 89.25  | 97.27  | 91.86  | 109.53 | 101.27 | 117.24 | 120.51 | 93.24  |
|      | 932   | 65.00  | 69.68  | 78.55  | 88.85  | 95.37  | 97.97  | 98.89  | 102.57 | 102.91 | 104.41 | 92.15  | 107.21 | 108.29 | 105.57 | 94.10  |
|      | 031   | 69.75  | 72.33  | 90.41  | 94.56  | 86.03  | 84.87  | 90.75  | 95.33  | 101.03 | 91.20  | 94.61  | 97.96  | 107.36 | 100.63 | 91.20  |
|      | 032   | 60.80  | 56.96  | 62.28  | 63.65  | 64.73  | 64.98  | 68.17  | 66.02  | 64.72  | 63.82  | 78.08  | 70.07  | 72.87  | 69.26  | 66.17  |
|      | 141   | 86.08  | 76.29  | 79.78  | 76.59  | 84.71  | 86.52  | 84.81  | 83.00  | 87.33  | 88.31  | 90.75  | 90.73  | 93.99  | 92.63  | 85.82  |
|      | 142   | 78.36  | 72.62  | 80.53  | 88.80  | 78.28  | 85.89  | 73.02  | 75.51  | 86.81  | 74.82  | 89.83  | 85.11  | 71.55  | 45.85  | 77.64  |
|      | 241   | 71.89  | 88.28  | 102.93 | 86.19  | 87.98  | 103.05 | 91.10  | 90.74  | 89.72  | 85.07  | 82.74  | 89.99  | 87.83  | 94.24  | 89.41  |
|      | 242   | 49.70  | 80.45  | 83.77  | 88.78  | 88.78  | 92.26  | 86.65  | 88.50  | 100.22 | 98.26  | 105.61 | 97.48  | 97.08  | 93.84  | 89.38  |
|      | 341   | 65.41  | 65.84  | 69.97  | 71.08  | 73.67  | 80.85  | 80.87  | 82.00  | 75.42  | 93.69  | 78.74  | 80.49  | 82.36  | 85.80  | 77.59  |
|      | 342   | 54.80  | 63.19  | 67.55  | 77.59  | 77.31  | 83.77  | 87.93  | 65.06  | 78.15  | 83.32  | 78.06  | 82.04  | 63.52  | 72.28  | 73.90  |
|      | 441   | 51.97  | 74.15  | 62.21  | 66.72  | 63.09  | 69.56  | 80.50  | 70.80  | 74.09  | 80.34  | 77.43  | 79.55  | 79.57  | 82.17  | 72.30  |
|      | 442   | 50.59  | 64.73  | 67.39  | 67.00  | 69.47  | 73.94  | 67.73  | 78.36  | 88.54  | 85.88  | 88.40  | 87.83  | 89.94  | 88.94  | 76.34  |
|      | 541   | 61.96  | 78.81  | 67.50  | 71.78  | 90.75  | 92.00  | 101.70 | 99.03  | 94.20  | 93.10  | 97.96  | 95.80  | 92.24  | 95.75  | 88.04  |
|      | 542   | 72.57  | 72.44  | 73.71  | 74.18  | 76.32  | 75.32  | 77.55  | 81.57  | 85.43  | 87.72  | 87.89  | 98.58  | 97.49  | 93.82  | 82.47  |
|      | 641   | 61.35  | 67.16  | 79.23  | 86.22  | 83.27  | 87.52  | 79.54  | 86.27  | 100.37 | 91.24  | 98.85  | 99.80  | 97.81  | 100.41 | 87.07  |
|      | 642   | 70.80  | 63.71  | 61.85  | 66.54  | 70.67  | 89.73  | 89.47  | 87.27  | 95.73  | 92.93  | 87.54  | 101.40 | 100.05 | 71.82  | 82.11  |
|      | 741   | 46.53  | 89.50  | 81.82  | 83.43  | 79.50  | 75.78  | 76.84  | 86.92  | 80.40  | 100.48 | 99.78  | 107.60 | 107.14 | 107.26 | 87.36  |
|      | 742   | 59.66  | 64.34  | 79.52  | 84.78  | 77.09  | 88.78  | 99.77  | 108.15 | 111.58 | 110.96 | 115.76 | 112.25 | 109.01 | 116.01 | 95.55  |
|      | 841   | 97.34  | 93.60  | 94.33  | 101.18 | 109.27 | 96.40  | 126.35 | 119.54 | 120.05 | 121.40 | 122.03 | 119.02 | 128.88 | 130.99 | 112.88 |
|      | 842   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      | 941   | 81.68  | 92.76  | 95.41  | 84.87  | 91.79  | 92.57  | 100.63 | 102.49 | 103.79 | 126.25 | 109.00 | 113.62 | 103.63 | 98.60  | 99.79  |
|      | 942   | 66.03  | 71.68  | 82.27  | 82.86  | 87.58  | 93.05  | 93.81  | 88.67  | 102.24 | 99.47  | 93.83  | 102.91 | 103.76 | 99.93  | 90.58  |
|      | 13AVE | 73.54  | 76.23  | 79.34  | 81.10  | 83.07  | 84.25  | 88.71  | 91.57  | 92.05  | 94.43  | 95.04  | 96.68  | 94.93  | 94.00  | 87.50  |
|      | 14AVE | 66.28  | 75.27  | 78.22  | 79.92  | 81.74  | 86.29  | 88.13  | 87.88  | 92.59  | 94.90  | 94.36  | 96.72  | 94.46  | 92.37  | 86.37  |
|      | AVE   | 69.91  | 75.75  | 78.78  | 80.51  | 82.40  | 85.27  | 88.42  | 89.72  | 92.32  | 94.66  | 94.70  | 96.70  | 94.70  | 93.19  | 86.93  |

| 高CP区 | NO  | 1     | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 平均     |
|------|-----|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | 132 | 82.16 | 75.15  | 74.15  | 83.60  | 87.50  | 92.02  | 102.54 | 101.99 | 103.11 | 103.30 | 105.60 | 101.77 | 91.36  | 92.35  | 92.61  |
|      | 233 | 69.21 | 72.85  | 82.93  | 79.51  | 85.28  | 81.50  | 82.49  | 81.16  | 77.25  | 80.89  | 81.64  | 80.30  | 82.53  | 81.82  | 79.95  |
|      | 234 | 68.51 | 84.70  | 88.87  | 90.57  | 91.97  | 94.84  | 86.77  | 104.26 | 94.30  | 98.52  | 103.46 | 100.79 | 97.07  | 96.42  | 92.93  |
|      | 333 | 67.44 | 82.48  | 82.96  | 94.98  | 93.30  | 109.60 | 96.32  | 100.81 | 103.09 | 107.39 | 105.42 | 106.80 | 101.22 | 103.55 | 96.81  |
|      | 334 | 80.39 | 77.19  | 78.29  | 83.47  | 94.83  | 82.54  | 82.93  | 91.34  | 98.33  | 101.89 | 94.83  | 104.26 | 90.30  | 87.86  | 89.18  |
|      | 433 | 66.53 | 55.60  | 61.32  | 83.18  | 83.32  | 81.43  | 78.66  | 82.90  | 87.78  | 95.74  | 88.23  | 99.53  | 91.30  | 94.71  | 82.16  |
|      | 434 | 49.44 | 68.48  | 64.40  | 61.86  | 64.38  | 65.86  | 68.29  | 68.01  | 65.47  | 74.40  | 66.99  | 69.31  | 75.85  | 71.68  | 66.74  |
|      | 533 | 77.47 | 73.26  | 73.47  | 83.82  | 87.75  | 91.57  | 93.62  | 99.98  | 97.12  | 102.11 | 101.73 | 104.25 | 101.58 | 102.76 | 92.18  |
|      | 534 | 73.23 | 91.06  | 97.93  | 108.36 | 101.37 | 106.81 | 115.66 | 113.20 | 117.21 | 110.11 | 110.98 | 116.01 | 112.36 | 118.75 | 106.65 |
|      | 622 | 71.44 | 68.87  | 73.82  | 76.72  | 77.50  | 83.76  | 82.57  | 90.04  | 64.42  | 65.41  | 77.76  | 88.38  | 82.11  | 84.83  | 77.69  |
|      | 624 | 64.41 | 69.17  | 73.61  | 79.33  | 84.94  | 79.37  | 82.61  | 91.53  | 89.77  | 95.16  | 92.80  | 89.40  | 90.63  | 96.51  | 84.23  |
|      | 734 | 83.07 | 91.98  | 100.38 | 100.57 | 98.68  | 110.36 | 76.52  | 97.40  | 88.36  | 63.05  | 70.08  | 68.69  | 64.40  | 65.39  | 84.21  |
|      | 832 | 45.59 | 61.04  | 61.34  | 66.48  | 64.59  | 74.87  | 79.15  | 86.06  | 78.94  | 86.77  | 82.59  | 86.96  | 89.88  | 89.99  | 75.29  |
|      | 933 | 96.90 | 99.31  | 102.03 | 100.94 | 102.42 | 105.79 | 108.31 | 109.13 | 110.20 | 103.16 | 107.41 | 108.91 | 109.86 | 106.62 | 105.07 |
|      | 934 | 64.65 | 82.46  | 86.80  | 91.98  | 90.21  | 91.98  | 98.97  | 101.80 | 111.39 | 98.32  | 101.18 | 111.82 | 80.47  | 121.52 | 95.25  |
|      | 033 | 93.45 | 81.44  | 74.81  | 85.43  | 84.08  | 86.51  | 104.04 | 99.79  | 93.65  | 97.67  | 111.30 | 104.80 | 116.94 | 113.36 | 96.23  |
|      | 034 | 74.67 | 60.35  | 75.27  | 66.56  | 65.47  | 83.33  | 78.47  | 75.17  | 73.37  | 77.07  | 74.89  | 67.32  | 75.55  | 60.97  | 72.03  |
|      | 143 | 74.42 | 66.34  | 76.52  | 82.58  | 83.18  | 91.27  | 100.72 | 102.23 | 109.62 | 104.69 | 105.06 | 107.58 | 111.50 | 110.45 | 94.72  |
|      | 144 | 60.25 | 64.51  | 74.56  | 68.87  | 74.50  | 82.33  | 76.96  | 74.35  | 81.88  | 83.13  | 89.68  | 91.09  | 90.16  | 71.97  | 77.45  |
|      | 243 | 67.98 | 68.02  | 81.48  | 76.45  | 71.67  | 67.96  | 80.98  | 86.05  | 77.61  | 91.30  | 87.04  | 92.52  | 87.64  | 92.11  | 80.63  |
|      | 244 | 75.39 | 71.30  | 64.62  | 96.95  | 93.38  | 94.65  | 93.26  | 100.51 | 91.00  | 83.51  | 103.51 | 96.11  | 102.26 | 105.57 | 90.86  |
|      | 343 | 71.38 | 63.18  | 63.64  | 65.96  | 71.48  | 82.20  | 87.02  | 84.70  | 89.31  | 89.17  | 99.87  | 97.38  | 91.81  | 89.42  | 81.89  |
|      | 344 | 62.32 | 65.39  | 66.11  | 61.88  | 76.08  | 94.88  | 91.93  | 93.22  | 94.57  | 82.39  | 85.65  | 83.72  | 89.59  | 82.43  | 80.73  |
|      | 443 | 72.48 | 64.80  | 63.32  | 69.99  | 68.55  | 66.27  | 69.38  | 74.27  | 78.73  | 76.99  | 73.85  | 74.24  | 74.40  | 77.13  | 71.74  |
|      | 444 |       |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      | 543 | 66.45 | 72.05  | 78.13  | 76.70  | 79.96  | 84.03  | 79.41  | 79.63  | 85.54  | 86.28  | 89.14  | 95.67  | 96.00  | 97.82  | 83.34  |
|      | 544 | 55.05 | 60.23  | 72.80  | 66.68  | 75.68  | 79.07  | 80.62  | 87.82  | 93.01  | 88.34  | 94.91  | 96.64  | 97.57  | 90.06  | 81.32  |
|      | 643 | 55.22 | 61.42  | 70.34  | 79.73  | 92.55  | 81.04  | 86.52  | 94.18  | 101.06 | 90.20  | 93.38  | 93.84  | 90.45  | 91.47  | 84.39  |
|      | 644 | 66.69 | 81.15  | 79.73  | 69.13  | 73.82  | 88.42  | 83.44  | 85.58  | 90.55  | 81.79  | 83.72  | 86.91  | 90.10  | 91.69  | 82.34  |
|      | 743 | 72.14 | 81.80  | 81.42  | 92.18  | 94.36  | 89.20  | 97.63  | 97.92  | 100.42 | 88.01  | 103.35 | 112.80 | 110.10 | 103.24 | 94.61  |
|      | 744 | 64.92 | 61.39  | 64.62  | 71.59  | 74.41  | 75.75  | 78.27  | 79.59  | 81.88  | 82.67  | 93.22  | 92.95  | 98.73  | 87.18  | 79.08  |
|      | 843 | 84.24 | 100.60 | 98.73  | 102.19 | 105.91 | 105.64 | 109.65 | 113.11 | 104.28 | 101.81 | 112.36 | 110.13 | 110.01 | 107.93 | 104.76 |
|      | 844 | 95.10 | 100.09 | 102.63 | 101.17 | 105.76 | 110.53 | 124.33 | 129.24 | 114.49 | 119.27 | 112.87 | 106.11 | 100.08 | 95.92  | 108.40 |
|      | 943 | 60.03 | 62.39  | 66.46  | 72.32  | 78.81  | 77.67  | 80.41  | 73.73  | 88.16  | 7      |        |        |        |        |        |

3.NFC摂収量

kg

分娩前

| 低CP区 | NO    | -9   | -8   | -7   | -6   | -5   | -4   | -3   | -2   | -1   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|
|      | 131   | 2.39 | 2.34 | 2.62 | 2.46 | 2.46 | 2.48 | 4.11 | 4.36 | 4.36 | 3.06 |
|      | 231   | 2.19 | 2.26 | 2.20 | 2.44 | 2.36 | 2.40 | 3.00 | 3.38 | 3.27 | 2.61 |
|      | 232   |      | 2.38 | 2.38 | 2.35 | 2.25 | 2.34 | 2.36 | 3.47 | 3.66 | 2.35 |
|      | 331   | 2.38 | 2.41 | 2.53 | 2.57 | 2.58 | 2.60 | 3.80 | 3.80 | 3.82 | 2.94 |
|      | 332   | 2.26 | 2.47 | 2.34 | 2.36 | 2.37 | 2.39 | 3.73 | 3.25 | 3.69 | 2.76 |
|      | 431   | 2.39 | 2.54 | 2.54 | 2.54 | 2.54 | 3.54 | 3.54 | 3.54 | 3.52 | 2.97 |
|      | 432   | 2.25 | 2.20 | 2.23 | 2.17 | 2.51 | 3.31 | 3.26 | 3.22 | 2.97 | 2.68 |
|      | 531   | 2.74 | 2.82 | 2.85 | 2.91 | 2.91 | 2.84 | 2.86 | 2.87 | 2.91 | 2.86 |
|      | 532   | 2.40 | 2.40 | 2.07 | 2.17 | 2.10 | 2.21 | 2.29 | 2.23 | 2.02 | 2.21 |
|      | 621   | 2.28 | 2.53 | 2.37 | 2.52 | 2.35 | 1.70 | 2.96 | 3.14 | 2.24 | 2.45 |
|      | 623   | 2.29 | 2.29 | 2.27 | 2.41 | 2.33 | 2.41 | 3.60 | 3.65 | 3.56 | 2.76 |
|      | 731   |      | 1.88 | 2.40 | 2.40 | 2.35 | 2.44 | 2.87 | 3.43 | 3.01 | 2.31 |
|      | 831   | 2.40 | 2.61 | 2.62 | 2.68 | 2.32 | 2.58 | 2.74 | 2.75 | 2.57 | 2.59 |
|      | 931   |      | 2.01 | 2.06 | 2.18 | 2.14 | 2.19 | 2.46 | 3.14 | 3.09 | 2.14 |
|      | 932   |      | 2.15 | 2.15 | 2.21 | 2.23 | 2.23 | 2.50 | 3.19 | 2.79 | 2.16 |
|      | 031   | 2.08 | 2.08 | 2.08 | 2.00 | 1.98 | 2.27 | 3.52 | 3.50 | 2.98 | 2.50 |
|      | 032   | 1.58 | 1.59 | 1.72 | 1.81 | 1.67 | 1.75 | 2.72 | 2.49 | 2.24 | 1.95 |
|      | 141   |      | 2.19 | 2.17 | 2.42 | 2.41 | 2.52 | 2.53 | 3.93 | 3.98 | 2.27 |
|      | 142   | 2.32 | 2.43 | 2.41 | 2.38 | 2.40 | 2.40 | 3.71 | 3.67 | 3.79 | 2.83 |
|      | 241   | 2.46 | 2.38 | 2.53 | 2.54 | 2.56 | 3.19 | 3.65 | 3.62 | 3.64 | 2.95 |
|      | 242   | 2.53 | 2.55 | 2.52 | 2.30 | 2.45 | 2.47 | 3.33 | 3.72 | 3.40 | 2.81 |
|      | 341   | 2.29 | 2.23 | 2.33 | 2.29 | 2.32 | 2.33 | 3.32 | 3.74 | 3.81 | 2.74 |
|      | 342   | 2.58 | 2.49 | 2.57 | 2.59 | 2.44 | 2.56 | 4.00 | 3.72 | 3.27 | 2.91 |
|      | 441   | 2.61 | 2.48 | 2.41 | 2.56 | 2.72 | 2.68 | 3.44 | 4.07 | 3.62 | 2.95 |
|      | 442   | 2.47 | 2.35 | 2.40 | 2.39 | 3.37 | 3.54 | 3.55 | 3.56 | 3.37 | 3.00 |
|      | 541   | 2.64 | 2.69 | 2.58 | 2.71 | 2.75 | 2.77 | 3.95 | 3.97 | 3.97 | 3.11 |
|      | 542   | 2.45 | 2.49 | 2.56 | 2.55 | 2.60 | 2.64 | 3.84 | 3.85 | 3.90 | 2.99 |
|      | 641   | 2.61 | 2.67 | 2.71 | 2.18 | 2.45 | 2.89 | 4.26 | 4.01 | 3.97 | 3.08 |
|      | 642   | 2.44 | 2.40 | 2.50 | 2.08 | 2.10 | 2.14 | 3.10 | 3.41 | 3.27 | 2.61 |
|      | 741   |      | 2.06 | 2.58 | 2.59 | 2.63 | 2.70 | 2.69 | 3.79 | 3.79 | 2.54 |
|      | 742   | 2.59 | 2.07 | 2.59 | 2.58 | 2.50 | 2.51 | 3.48 | 3.73 | 3.75 | 2.87 |
|      | 841   | 2.34 | 2.37 | 2.10 | 1.95 | 1.87 | 2.11 | 2.84 | 3.11 | 3.16 | 2.43 |
|      | 842   | 2.00 | 1.81 | 1.39 | 1.37 | 1.36 | 1.52 | 2.23 | 2.42 | 2.56 | 1.85 |
|      | 941   | 1.75 | 1.41 | 2.37 | 2.50 | 2.53 | 2.56 | 3.60 | 3.61 | 3.69 | 2.67 |
|      | 942   | 2.34 | 2.31 | 2.39 | 2.06 | 2.26 | 3.10 | 3.58 | 3.56 | 3.40 | 2.78 |
|      | 13AVE | 2.28 | 2.29 | 2.32 | 2.36 | 2.32 | 2.45 | 3.08 | 3.26 | 3.10 | 2.55 |
|      | 14AVE | 2.40 | 2.30 | 2.39 | 2.33 | 2.43 | 2.59 | 3.39 | 3.64 | 3.57 | 2.74 |
|      | AVE   | 2.35 | 2.30 | 2.36 | 2.35 | 2.38 | 2.52 | 3.24 | 3.45 | 3.34 | 2.65 |

| 高CP区 | NO    | -9   | -8   | -7   | -6   | -5   | -4   | -3   | -2   | -1   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|
|      | 132   | 2.12 | 2.17 | 2.19 | 2.27 | 2.26 | 2.28 | 3.50 | 3.51 | 3.47 | 2.64 |
|      | 233   | 1.93 | 1.89 | 1.83 | 1.89 | 2.00 | 1.83 | 2.78 | 2.95 | 2.88 | 2.22 |
|      | 234   | 2.48 | 2.49 | 2.49 | 2.50 | 2.49 | 2.60 | 3.39 | 3.38 | 3.34 | 2.80 |
|      | 333   | 2.58 | 2.58 | 2.64 | 2.70 | 2.75 | 2.77 | 3.75 | 3.59 | 3.09 | 2.94 |
|      | 334   | 2.59 | 2.65 | 2.61 | 2.60 | 2.64 | 2.66 | 3.47 | 3.58 | 3.45 | 2.92 |
|      | 433   |      | 2.53 | 2.58 | 2.52 | 2.56 | 2.55 | 2.78 | 3.42 | 3.42 | 2.48 |
|      | 434   | 2.39 | 2.43 | 2.43 | 2.44 | 2.45 | 2.66 | 3.16 | 3.16 | 2.67 | 2.64 |
|      | 533   | 2.15 | 2.02 | 2.07 | 2.52 | 2.47 | 2.45 | 2.35 | 2.51 | 2.48 | 2.34 |
|      | 534   | 2.22 | 2.31 | 2.45 | 2.48 | 2.50 | 2.51 | 2.43 | 2.41 | 2.44 | 2.42 |
|      | 622   | 2.18 | 2.00 | 2.26 | 2.37 | 2.26 | 2.50 | 3.43 | 3.34 | 3.34 | 2.63 |
|      | 624   | 2.56 | 2.51 | 2.59 | 2.59 | 2.59 | 2.58 | 3.60 | 3.42 | 3.54 | 2.89 |
|      | 734   | 2.35 | 2.18 | 2.32 | 2.32 | 2.47 | 2.54 | 3.41 | 3.55 | 3.61 | 2.75 |
|      | 832   | 1.93 | 1.99 | 1.92 | 2.18 | 1.98 | 2.23 | 3.00 | 2.90 | 3.28 | 2.38 |
|      | 933   |      | 2.13 | 2.25 | 1.99 | 2.13 | 2.29 | 2.33 | 2.56 | 2.69 | 2.04 |
|      | 934   | 2.21 | 2.10 | 2.23 | 2.20 | 2.15 | 2.32 | 2.64 | 2.77 | 2.70 | 2.37 |
|      | 033   | 2.42 | 2.36 | 2.54 | 2.59 | 2.63 | 2.63 | 3.79 | 3.79 | 3.56 | 2.92 |
|      | 034   |      | 2.00 | 2.03 | 2.05 | 2.05 | 2.04 | 1.98 | 2.97 | 1.84 | 1.88 |
|      | 143   |      | 2.17 | 2.29 | 2.37 | 2.47 | 2.44 | 2.46 | 3.19 | 3.14 | 2.17 |
|      | 144   | 2.61 | 2.57 | 2.54 | 2.58 | 2.58 | 2.44 | 3.25 | 3.52 | 2.89 | 2.78 |
|      | 243   | 2.78 | 2.58 | 2.62 | 2.67 | 2.70 | 3.06 | 3.56 | 3.31 | 3.49 | 2.97 |
|      | 244   | 2.49 | 2.73 | 2.77 | 2.77 | 2.86 | 3.53 | 3.58 | 3.58 | 3.48 | 3.09 |
|      | 343   | 2.56 | 2.55 | 2.49 | 2.53 | 2.55 | 2.82 | 3.30 | 3.39 | 3.54 | 2.86 |
|      | 344   | 2.71 | 2.71 | 2.64 | 2.68 | 2.80 | 2.66 | 3.34 | 3.62 | 3.39 | 2.95 |
|      | 443   | 2.54 | 2.68 | 2.70 | 2.70 | 2.73 | 2.85 | 3.55 | 3.57 | 3.49 | 2.98 |
|      | 444   | 2.23 | 2.53 | 2.63 | 2.62 | 2.56 | 3.45 | 3.51 | 3.25 | 2.59 | 2.82 |
|      | 543   | 2.54 | 2.57 | 2.63 | 2.65 | 2.68 | 2.64 | 3.48 | 3.53 | 3.60 | 2.93 |
|      | 544   | 2.62 | 2.42 | 2.46 | 2.49 | 2.70 | 2.63 | 3.42 | 3.58 | 3.51 | 2.87 |
|      | 643   | 2.53 | 2.56 | 2.53 | 2.49 | 2.59 | 2.51 | 3.43 | 3.44 | 3.13 | 2.80 |
|      | 644   | 2.42 | 2.34 | 2.39 | 2.43 | 2.63 | 2.39 | 3.03 | 3.21 | 3.23 | 2.67 |
|      | 743   | 2.41 | 2.22 | 2.35 | 2.48 | 2.34 | 2.46 | 2.78 | 3.22 | 3.28 | 2.62 |
|      | 744   |      | 2.29 | 2.38 | 2.44 | 2.27 | 1.94 | 1.84 | 3.09 | 2.40 | 2.07 |
|      | 843   | 2.48 | 2.38 | 2.56 | 2.69 | 2.93 | 2.72 | 4.18 | 3.86 | 3.27 | 3.01 |
|      | 844   | 2.50 | 2.41 | 2.37 | 2.60 | 2.75 | 2.72 | 4.08 | 3.93 | 3.69 | 3.01 |
|      | 943   | 2.30 | 2.26 | 2.45 | 2.47 | 2.50 | 2.52 | 2.78 | 2.85 | 2.86 | 2.55 |
|      | 944   | 2.34 | 2.11 | 2.16 | 1.95 | 1.93 | 2.01 | 2.29 | 2.65 | 2.63 | 2.23 |
|      | 13AVE | 2.29 | 2.26 | 2.32 | 2.37 | 2.38 | 2.44 | 3.05 | 3.17 | 3.05 | 2.54 |
|      | 14AVE | 2.50 | 2.45 | 2.50 | 2.53 | 2.59 | 2.66 | 3.21 | 3.38 | 3.20 | 2.74 |
|      | AVE   | 2.41 | 2.35 | 2.41 | 2.45 | 2.48 | 2.55 | 3.13 | 3.27 | 3.13 | 2.65 |

NFC摂取量 kg 分換後

| 低CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 平均   |
|------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|
|      | 131   | 5.19 | 5.54 | 5.94 | 5.95 | 5.95 | 6.52 | 6.37 | 6.99  | 6.34  | 6.43  | 6.61  | 6.67  | 6.75  | 6.76  | 6.24 |
|      | 231   | 4.93 | 5.63 | 5.94 | 5.47 | 5.73 | 6.19 | 5.85 | 6.35  | 6.53  | 6.69  | 6.54  | 6.96  | 5.79  | 6.11  | 6.05 |
|      | 232   | 5.20 | 5.86 | 6.22 | 5.26 | 5.46 | 6.70 | 6.73 | 7.20  | 7.34  | 7.38  | 7.12  | 7.34  | 7.42  | 7.28  | 6.61 |
|      | 331   | 5.31 | 6.43 | 7.11 | 7.24 | 6.87 | 7.35 | 7.65 | 7.67  | 7.30  | 8.31  | 8.56  | 8.70  | 8.78  | 8.76  | 7.58 |
|      | 332   | 5.11 | 6.11 | 6.81 | 6.45 | 7.45 | 7.66 | 7.58 | 7.67  | 7.22  | 7.23  | 7.52  | 7.52  | 6.38  | 8.00  | 7.05 |
|      | 431   | 4.89 | 6.48 | 7.60 | 7.75 | 8.01 | 7.70 | 7.90 | 8.03  | 8.04  | 8.29  | 8.34  | 8.36  | 8.34  | 8.26  | 7.71 |
|      | 432   | 3.52 | 5.51 | 5.24 | 6.49 | 6.75 | 5.84 | 6.70 | 6.89  | 7.26  | 7.42  | 7.68  | 7.78  | 7.26  | 7.76  | 6.58 |
|      | 531   | 6.03 | 6.87 | 7.12 | 7.26 | 7.39 | 7.56 | 7.85 | 8.17  | 8.24  | 8.64  | 7.22  | 8.28  | 7.84  | 7.60  | 7.58 |
|      | 532   | 3.62 | 4.86 | 5.36 | 5.39 | 6.24 | 6.40 | 6.68 | 7.21  | 7.35  | 7.45  | 7.44  | 7.34  | 7.35  | 6.19  | 6.35 |
|      | 621   | 4.80 | 4.94 | 5.24 | 5.15 | 5.02 | 6.34 | 7.25 | 7.21  | 7.32  | 7.65  | 7.77  | 7.99  | 8.41  | 8.48  | 6.68 |
|      | 623   | 5.50 | 4.67 | 5.38 | 7.09 | 6.66 | 5.94 | 7.08 | 7.37  | 7.59  | 7.58  | 7.55  | 7.69  | 7.65  | 7.93  | 6.83 |
|      | 731   | 5.60 | 5.54 | 5.61 | 4.58 | 5.56 | 6.72 | 6.85 | 7.60  | 8.26  | 8.58  | 8.74  | 9.12  | 7.00  | 4.91  | 6.76 |
|      | 831   | 3.40 | 4.92 | 5.55 | 6.09 | 6.61 | 6.54 | 6.59 | 7.42  | 7.10  | 7.51  | 7.93  | 8.03  | 7.88  | 8.20  | 6.70 |
|      | 931   | 3.84 | 3.57 | 4.06 | 4.32 | 4.10 | 4.32 | 4.50 | 4.11  | 4.18  | 3.75  | 4.25  | 4.52  | 4.42  | 4.29  | 4.16 |
|      | 932   | 2.48 | 2.74 | 3.22 | 3.76 | 4.06 | 4.33 | 4.58 | 4.61  | 4.67  | 4.68  | 3.94  | 4.54  | 4.42  | 4.41  | 4.03 |
|      | 031   | 4.81 | 5.16 | 5.61 | 5.83 | 6.04 | 5.59 | 6.10 | 6.18  | 6.46  | 6.26  | 6.29  | 6.55  | 7.37  | 6.74  | 6.07 |
|      | 032   | 3.46 | 3.58 | 4.09 | 3.97 | 4.24 | 4.07 | 4.21 | 4.35  | 4.00  | 4.31  | 5.17  | 4.80  | 5.09  | 4.97  | 4.31 |
|      | 141   | 5.14 | 5.45 | 5.74 | 5.37 | 5.84 | 5.96 | 5.57 | 5.66  | 5.69  | 5.72  | 5.79  | 5.62  | 5.72  | 5.69  | 5.64 |
|      | 142   | 4.89 | 4.71 | 5.31 | 5.45 | 4.54 | 5.04 | 4.33 | 4.18  | 4.35  | 3.84  | 4.25  | 4.18  | 3.22  | 1.91  | 4.30 |
|      | 241   | 5.14 | 5.92 | 6.16 | 6.22 | 6.73 | 7.14 | 7.30 | 7.30  | 7.18  | 7.50  | 7.41  | 7.31  | 7.22  | 7.14  | 6.83 |
|      | 242   | 3.66 | 5.69 | 6.32 | 6.50 | 6.61 | 6.80 | 6.78 | 6.74  | 6.66  | 6.68  | 6.62  | 6.93  | 6.93  | 6.67  | 6.40 |
|      | 341   | 4.95 | 5.62 | 6.04 | 5.87 | 5.85 | 6.31 | 6.54 | 6.77  | 6.64  | 6.70  | 6.67  | 6.73  | 6.46  | 6.61  | 6.27 |
|      | 342   | 4.82 | 4.73 | 5.33 | 5.88 | 6.75 | 7.03 | 7.09 | 6.75  | 5.59  | 6.98  | 7.20  | 6.71  | 5.66  | 5.97  | 6.18 |
|      | 441   | 4.96 | 6.44 | 5.87 | 6.33 | 6.27 | 6.15 | 6.53 | 6.84  | 7.06  | 7.32  | 7.41  | 7.49  | 7.34  | 7.28  | 6.66 |
|      | 442   | 4.02 | 5.25 | 5.52 | 5.70 | 5.91 | 6.09 | 4.99 | 6.32  | 6.74  | 6.73  | 6.85  | 6.77  | 6.34  | 6.73  | 6.00 |
|      | 541   | 4.73 | 6.50 | 6.24 | 6.55 | 7.02 | 7.24 | 7.91 | 8.01  | 7.87  | 7.88  | 7.96  | 8.18  | 7.70  | 7.75  | 7.25 |
|      | 542   | 5.63 | 5.97 | 6.05 | 6.47 | 6.60 | 6.67 | 6.01 | 6.49  | 6.91  | 7.11  | 7.08  | 7.45  | 7.57  | 7.48  | 6.68 |
|      | 641   | 5.32 | 5.73 | 6.21 | 7.51 | 7.64 | 7.75 | 7.65 | 7.99  | 7.98  | 8.05  | 7.79  | 8.38  | 8.59  | 8.69  | 7.52 |
|      | 642   | 5.53 | 5.65 | 5.83 | 5.83 | 6.15 | 7.16 | 7.12 | 7.13  | 7.50  | 7.38  | 7.46  | 8.50  | 8.49  | 6.20  | 6.85 |
|      | 741   | 2.49 | 5.15 | 5.20 | 5.67 | 5.52 | 5.51 | 5.48 | 6.16  | 6.09  | 7.74  | 7.45  | 8.07  | 8.15  | 8.26  | 6.21 |
|      | 742   | 5.85 | 6.36 | 7.49 | 8.19 | 8.26 | 8.47 | 9.26 | 10.26 | 10.49 | 10.08 | 11.19 | 10.70 | 10.52 | 10.88 | 9.14 |
|      | 841   | 5.99 | 6.95 | 7.40 | 8.30 | 9.40 | 9.58 | 9.81 | 10.05 | 10.26 | 10.04 | 9.92  | 10.02 | 9.43  | 9.53  | 9.05 |
|      | 842   |      |      |      |      |      |      |      |       |       |       |       |       |       |       |      |
|      | 941   | 4.87 | 6.23 | 6.58 | 6.11 | 6.62 | 6.62 | 7.19 | 7.26  | 6.96  | 7.82  | 7.62  | 7.43  | 7.41  | 7.11  | 6.85 |
|      | 942   | 4.01 | 4.70 | 5.27 | 5.12 | 5.02 | 5.34 | 5.18 | 4.98  | 5.06  | 5.28  | 5.22  | 5.16  | 5.02  | 5.05  | 5.03 |
|      | 13AVE | 4.57 | 5.20 | 5.65 | 5.77 | 6.01 | 6.22 | 6.50 | 6.73  | 6.78  | 6.95  | 6.98  | 7.19  | 6.95  | 6.86  | 6.31 |
|      | 14AVE | 4.82 | 5.71 | 6.03 | 6.30 | 6.51 | 6.76 | 6.75 | 6.99  | 7.00  | 7.23  | 7.29  | 7.39  | 7.16  | 7.00  | 6.64 |
|      | AVE   | 4.70 | 5.45 | 5.84 | 6.03 | 6.26 | 6.49 | 6.62 | 6.86  | 6.89  | 7.09  | 7.13  | 7.29  | 7.06  | 6.93  | 6.48 |

| 高CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 132   | 4.38 | 4.95 | 5.07 | 5.68 | 5.92 | 6.30 | 6.47 | 6.55 | 6.67 | 6.76 | 6.71 | 6.45 | 6.43 | 6.28 | 6.04 |
|      | 233   | 4.59 | 5.33 | 6.03 | 6.33 | 5.79 | 6.13 | 6.29 | 6.38 | 6.35 | 6.40 | 6.53 | 6.62 | 6.75 | 6.94 | 6.18 |
|      | 234   | 4.98 | 5.89 | 6.46 | 6.67 | 6.70 | 7.23 | 7.10 | 7.22 | 7.13 | 6.81 | 7.28 | 7.35 | 7.34 | 7.24 | 6.81 |
|      | 333   | 6.50 | 6.93 | 7.23 | 7.91 | 8.45 | 8.75 | 8.84 | 9.02 | 8.87 | 9.07 | 8.93 | 9.13 | 8.68 | 8.89 | 8.37 |
|      | 334   | 6.20 | 6.86 | 7.32 | 7.66 | 7.78 | 6.20 | 7.50 | 8.11 | 8.41 | 8.24 | 8.35 | 8.50 | 8.68 | 8.64 | 7.75 |
|      | 433   | 5.17 | 4.85 | 5.33 | 7.39 | 7.97 | 7.34 | 7.23 | 7.23 | 7.54 | 7.93 | 7.80 | 8.07 | 7.91 | 7.95 | 7.12 |
|      | 434   | 4.63 | 6.43 | 6.69 | 6.79 | 7.57 | 7.27 | 6.94 | 7.03 | 7.40 | 7.80 | 7.70 | 7.89 | 8.22 | 7.74 | 7.15 |
|      | 533   | 5.48 | 5.57 | 5.84 | 6.70 | 7.36 | 7.43 | 7.32 | 7.34 | 7.62 | 7.53 | 7.60 | 7.52 | 7.54 | 7.61 | 7.03 |
|      | 534   | 4.02 | 5.20 | 5.78 | 6.25 | 6.47 | 7.13 | 7.07 | 7.37 | 7.45 | 7.32 | 7.37 | 7.66 | 7.42 | 7.27 | 6.70 |
|      | 622   | 4.93 | 5.47 | 6.00 | 6.31 | 6.57 | 6.45 | 6.81 | 7.10 | 5.42 | 5.28 | 6.06 | 6.99 | 6.39 | 6.83 | 6.19 |
|      | 624   | 4.78 | 5.31 | 5.86 | 6.33 | 6.91 | 6.53 | 7.08 | 7.29 | 7.43 | 7.55 | 7.40 | 7.58 | 7.36 | 8.04 | 6.82 |
|      | 734   | 6.71 | 7.26 | 7.97 | 8.12 | 7.64 | 8.61 | 8.52 | 7.88 | 7.48 | 6.35 | 6.05 | 5.72 | 5.46 | 5.16 | 7.07 |
|      | 832   | 2.44 | 3.48 | 3.79 | 4.18 | 4.09 | 5.08 | 5.77 | 5.97 | 5.66 | 5.87 | 5.77 | 5.97 | 5.96 | 5.75 | 4.98 |
|      | 933   | 4.63 | 5.04 | 5.37 | 4.69 | 5.21 | 5.69 | 5.55 | 5.63 | 5.69 | 5.82 | 5.85 | 5.72 | 5.53 | 5.56 | 5.43 |
|      | 934   | 3.04 | 4.16 | 4.38 | 4.71 | 4.74 | 4.64 | 4.58 | 4.64 | 4.71 | 4.65 | 4.60 | 4.80 | 3.04 | 4.24 | 4.35 |
|      | 033   | 6.07 | 6.15 | 5.43 | 6.02 | 6.41 | 6.43 | 7.57 | 7.02 | 7.47 | 7.56 | 8.38 | 8.17 | 8.72 | 8.20 | 7.12 |
|      | 034   | 4.29 | 3.65 | 4.24 | 3.90 | 3.95 | 4.76 | 4.83 | 4.38 | 4.55 | 4.79 | 4.82 | 4.22 | 4.82 | 3.98 | 4.37 |
|      | 143   | 4.12 | 4.07 | 4.47 | 4.98 | 4.80 | 5.45 | 5.97 | 6.23 | 6.67 | 6.80 | 6.81 | 6.61 | 6.87 | 6.81 | 5.76 |
|      | 144   | 4.82 | 5.20 | 5.50 | 5.63 | 5.57 | 6.07 | 5.79 | 5.51 | 5.89 | 6.17 | 6.60 | 6.40 | 6.29 | 6.91 | 5.88 |
|      | 243   | 5.50 | 6.13 | 6.59 | 6.43 | 5.87 | 6.63 | 6.93 | 7.22 | 7.35 | 8.19 | 7.16 | 8.27 | 8.32 | 8.46 | 7.08 |
|      | 244   | 4.98 | 5.41 | 4.03 | 6.03 | 7.02 | 7.31 | 7.23 | 7.44 | 7.46 | 7.32 | 7.50 | 7.62 | 7.92 | 8.00 | 6.81 |
|      | 343   | 5.79 | 5.99 | 6.37 | 6.70 | 6.77 | 7.18 | 7.38 | 7.22 | 7.56 | 7.80 | 7.63 | 7.63 | 7.80 | 7.76 | 7.11 |
|      | 344   | 5.32 | 5.79 | 6.29 | 6.76 | 7.17 | 7.70 | 7.55 | 7.69 | 7.86 | 7.91 | 7.93 | 7.89 | 7.81 | 7.95 | 7.26 |
|      | 443   | 5.63 | 5.27 | 5.55 | 5.98 | 6.46 | 5.92 | 6.26 | 6.64 | 7.10 | 6.77 | 6.99 | 6.87 | 6.79 | 7.14 | 6.38 |
|      | 444   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 543   | 5.14 | 5.57 | 6.37 | 6.13 | 6.55 | 7.14 | 6.89 | 7.40 | 7.55 | 7.79 | 8.11 | 8.06 | 8.11 | 8.28 | 7.08 |
|      | 544   | 4.24 | 4.82 | 5.89 | 5.74 | 6.23 | 6.73 | 6.95 | 7.35 | 7.70 | 7.81 | 7.76 | 7.83 | 7.83 | 7.74 | 6.76 |
|      | 643   | 4.83 | 6.03 | 6.18 | 7.61 | 7.48 | 7.60 | 7.83 | 8.03 | 8.53 | 8.08 | 8.22 | 8.32 | 8.41 | 8.29 | 7.53 |
|      | 644   | 5.80 | 6.02 | 6.18 | 5.99 | 6.29 | 7.27 | 7.04 | 7.25 | 8.04 | 7.43 | 7.36 | 7.88 | 8.18 | 7.89 | 7.04 |
|      | 743   | 5.18 | 6.11 | 6.12 | 6.46 | 7.08 | 6.44 | 7.36 | 7.78 | 7.61 | 6.60 | 8.06 | 8.65 | 8.45 | 7.94 | 7.13 |
|      | 744   | 4.83 | 5.03 | 5.03 | 5.85 | 6.14 | 6.17 | 6.53 | 6.68 | 6.78 | 6.73 | 7.37 | 7.44 | 7.63 | 6.86 | 6.36 |
|      | 843   | 4.84 | 6.03 | 6.34 | 6.69 | 6.96 | 7.18 | 7.91 | 7.68 | 7.47 | 6.89 | 7.86 | 7.57 | 7.31 | 6.89 | 6.97 |
|      | 844   | 5.46 | 6.00 | 6.60 | 6.62 | 6.95 | 7.52 | 8.96 | 8.77 | 8.20 | 8.07 | 7.89 | 7.28 | 6.65 | 6.13 | 7.22 |
|      | 943   | 4.03 | 4.12 | 4.36 | 4.70 | 5.01 | 4.41 | 4.58 | 4.69 | 5.00 | 4.45 | 4.47 | 4.55 | 4.57 | 4.32 | 4.52 |
|      | 944   | 4.22 | 4.61 | 5.07 | 4.81 | 5.15 | 5.24 | 5.06 | 5.06 | 5.34 | 5.20 | 5.27 | 5.24 | 5.31 | 5.28 | 5.06 |
|      | 13AVE | 4.87 | 5.44 | 5.81 | 6.21 | 6.44 | 6.59 | 6.79 | 6.83 | 6.81 | 6.81 | 6.89 | 6.96 | 6.84 | 6.84 | 6.44 |
|      | 14AVE | 4.98 | 5.42 | 5.70 | 6.07 | 6.32 | 6.59 | 6.84 | 6.98 | 7.18 | 7.06 | 7.24 | 7.30 | 7.31 | 7.22 | 6.59 |
|      | AVE   | 4.93 | 5.43 | 5.76 | 6.14 | 6.38 | 6.59 | 6.81 | 6.91 | 7.00 | 6.93 | 7.06 | 7.13 | 7.07 | 7.03 | 6.51 |

4 CP摂取量 KG 分娩前

| 低CP区 | NO    | -9   | -8   | -7   | -6   | -5   | -4   | -3   | -2   | -1   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|
|      | 131   | 1.04 | 1.02 | 1.15 | 1.07 | 1.07 | 1.09 | 1.35 | 1.43 | 1.44 | 1.19 |
|      | 231   | 0.93 | 0.96 | 0.94 | 1.04 | 1.00 | 1.02 | 1.09 | 1.12 | 1.09 | 1.02 |
|      | 232   |      | 1.05 | 1.05 | 1.04 | 0.99 | 1.03 | 1.04 | 1.19 | 1.21 | 0.96 |
|      | 331   | 1.04 | 1.05 | 1.11 | 1.12 | 1.13 | 1.14 | 1.25 | 1.25 | 1.26 | 1.15 |
|      | 332   | 0.99 | 1.08 | 1.02 | 1.03 | 1.04 | 1.04 | 1.23 | 1.07 | 1.21 | 1.08 |
|      | 431   | 1.05 | 1.11 | 1.11 | 1.11 | 1.11 | 1.17 | 1.17 | 1.17 | 1.16 | 1.13 |
|      | 432   | 0.98 | 0.86 | 0.88 | 0.85 | 1.00 | 1.09 | 1.07 | 1.06 | 1.00 | 0.98 |
|      | 531   | 1.20 | 1.24 | 1.25 | 1.28 | 1.28 | 1.24 | 1.26 | 1.26 | 1.28 | 1.25 |
|      | 532   | 1.05 | 1.05 | 0.91 | 0.95 | 0.92 | 0.97 | 1.00 | 0.98 | 0.89 | 0.97 |
|      | 621   | 1.00 | 1.11 | 1.04 | 1.11 | 1.03 | 0.75 | 0.98 | 1.04 | 0.74 | 0.98 |
|      | 623   | 1.01 | 1.01 | 1.00 | 1.06 | 1.02 | 1.06 | 1.19 | 1.21 | 1.18 | 1.08 |
|      | 731   |      | 0.82 | 1.05 | 1.05 | 1.03 | 1.07 | 1.07 | 1.13 | 0.99 | 0.91 |
|      | 831   | 1.05 | 1.14 | 1.15 | 1.17 | 1.10 | 1.16 | 1.20 | 1.20 | 1.13 | 1.14 |
|      | 931   |      | 1.16 | 1.19 | 1.26 | 1.24 | 1.26 | 1.28 | 1.33 | 1.31 | 1.11 |
|      | 932   |      | 1.24 | 1.24 | 1.28 | 1.30 | 1.29 | 1.31 | 1.35 | 1.18 | 1.13 |
|      | 031   | 1.01 | 1.01 | 1.01 | 0.97 | 0.96 | 1.02 | 1.21 | 1.21 | 1.02 | 1.05 |
|      | 032   | 1.00 | 1.00 | 1.05 | 1.11 | 1.03 | 1.07 | 1.26 | 1.15 | 1.04 | 1.08 |
|      | 141   |      | 0.94 | 0.93 | 1.05 | 1.04 | 1.09 | 1.09 | 1.30 | 1.31 | 0.93 |
|      | 142   | 1.00 | 1.05 | 1.04 | 1.03 | 1.04 | 1.04 | 1.22 | 1.21 | 1.25 | 1.10 |
|      | 241   | 1.06 | 1.02 | 1.09 | 1.09 | 1.10 | 1.15 | 1.19 | 1.18 | 1.18 | 1.12 |
|      | 242   | 1.10 | 1.10 | 1.08 | 0.99 | 1.05 | 1.06 | 1.17 | 1.21 | 1.11 | 1.10 |
|      | 341   | 0.99 | 0.96 | 1.00 | 0.99 | 1.00 | 1.00 | 1.09 | 1.23 | 1.25 | 1.06 |
|      | 342   | 1.11 | 1.07 | 1.11 | 1.12 | 1.05 | 1.10 | 1.31 | 1.22 | 1.07 | 1.13 |
|      | 441   | 1.13 | 1.07 | 1.04 | 1.11 | 1.18 | 1.16 | 1.25 | 1.35 | 1.20 | 1.17 |
|      | 442   | 1.07 | 1.02 | 1.04 | 1.03 | 1.16 | 1.18 | 1.18 | 1.18 | 1.12 | 1.11 |
|      | 541   | 1.26 | 1.29 | 1.23 | 1.29 | 1.31 | 1.32 | 1.47 | 1.48 | 1.48 | 1.35 |
|      | 542   | 1.17 | 1.19 | 1.22 | 1.22 | 1.24 | 1.26 | 1.43 | 1.43 | 1.45 | 1.29 |
|      | 641   | 1.15 | 1.18 | 1.20 | 0.96 | 1.08 | 1.28 | 1.43 | 1.35 | 1.33 | 1.22 |
|      | 642   | 1.08 | 1.06 | 1.10 | 0.92 | 0.93 | 0.95 | 1.04 | 1.15 | 1.10 | 1.04 |
|      | 741   |      | 0.89 | 1.11 | 1.12 | 1.13 | 1.17 | 1.16 | 1.25 | 1.25 | 1.01 |
|      | 742   | 1.12 | 0.89 | 1.12 | 1.11 | 1.08 | 1.08 | 1.15 | 1.23 | 1.24 | 1.11 |
|      | 841   | 1.24 | 1.25 | 1.11 | 1.03 | 0.99 | 1.12 | 1.27 | 1.39 | 1.41 | 1.20 |
|      | 842   | 1.06 | 0.96 | 0.74 | 0.73 | 0.72 | 0.80 | 1.00 | 1.08 | 1.15 | 0.92 |
|      | 941   | 0.76 | 0.61 | 1.02 | 1.08 | 1.09 | 1.11 | 1.20 | 1.20 | 1.23 | 1.03 |
|      | 942   | 1.01 | 1.00 | 1.03 | 0.89 | 0.98 | 1.07 | 1.19 | 1.18 | 1.13 | 1.05 |
|      | 13AVE | 1.03 | 1.05 | 1.07 | 1.09 | 1.07 | 1.09 | 1.17 | 1.19 | 1.12 | 1.07 |
|      | 14AVE | 1.08 | 1.03 | 1.07 | 1.04 | 1.07 | 1.11 | 1.21 | 1.26 | 1.24 | 1.11 |
|      | AVE   | 1.06 | 1.04 | 1.07 | 1.06 | 1.07 | 1.10 | 1.19 | 1.22 | 1.18 | 1.09 |

| 高CP区 | NO    | -9   | -8   | -7   | -6   | -5   | -4   | -3   | -2   | -1   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|
|      | 132   | 0.93 | 0.95 | 0.96 | 0.99 | 0.99 | 1.00 | 1.49 | 1.49 | 1.47 | 1.14 |
|      | 233   | 0.86 | 0.84 | 0.81 | 0.84 | 0.88 | 0.81 | 1.23 | 1.30 | 1.27 | 0.98 |
|      | 234   | 1.09 | 1.10 | 1.10 | 1.10 | 1.10 | 1.15 | 1.49 | 1.49 | 1.48 | 1.23 |
|      | 333   | 1.13 | 1.13 | 1.15 | 1.18 | 1.20 | 1.21 | 1.59 | 1.53 | 1.31 | 1.27 |
|      | 334   | 1.13 | 1.16 | 1.14 | 1.14 | 1.15 | 1.16 | 1.48 | 1.52 | 1.47 | 1.26 |
|      | 433   |      | 1.11 | 1.13 | 1.10 | 1.12 | 1.11 | 1.20 | 1.45 | 1.45 | 1.08 |
|      | 434   | 1.05 | 1.06 | 1.06 | 1.07 | 1.07 | 1.15 | 1.34 | 1.34 | 1.14 | 1.14 |
|      | 533   | 0.95 | 0.89 | 0.91 | 1.11 | 1.09 | 1.08 | 1.64 | 1.75 | 1.73 | 1.24 |
|      | 534   | 0.97 | 1.01 | 1.07 | 1.09 | 1.10 | 1.10 | 1.69 | 1.68 | 1.70 | 1.27 |
|      | 622   | 0.96 | 0.88 | 0.99 | 1.04 | 0.99 | 1.10 | 1.46 | 1.42 | 1.42 | 1.14 |
|      | 624   | 1.12 | 1.10 | 1.13 | 1.13 | 1.13 | 1.13 | 1.53 | 1.46 | 1.51 | 1.25 |
|      | 734   | 1.03 | 0.96 | 1.01 | 1.01 | 1.08 | 1.11 | 1.45 | 1.51 | 1.54 | 1.19 |
|      | 832   | 0.84 | 0.87 | 0.83 | 0.95 | 0.86 | 0.88 | 1.04 | 0.96 | 1.08 | 0.92 |
|      | 933   |      | 1.24 | 1.30 | 1.15 | 1.23 | 1.31 | 1.34 | 1.49 | 1.59 | 1.18 |
|      | 934   | 1.28 | 1.21 | 1.29 | 1.28 | 1.24 | 1.35 | 1.56 | 1.63 | 1.59 | 1.38 |
|      | 033   | 1.10 | 1.08 | 1.16 | 1.15 | 1.17 | 1.17 | 1.63 | 1.63 | 1.52 | 1.29 |
|      | 034   |      | 1.01 | 1.03 | 1.04 | 1.04 | 1.04 | 0.93 | 1.47 | 0.96 | 0.95 |
|      | 143   |      | 0.94 | 0.99 | 1.02 | 1.06 | 1.05 | 1.06 | 1.44 | 1.42 | 0.95 |
|      | 144   | 1.12 | 1.11 | 1.09 | 1.11 | 1.11 | 1.05 | 1.45 | 1.60 | 1.31 | 1.22 |
|      | 243   | 1.19 | 1.11 | 1.12 | 1.15 | 1.16 | 1.35 | 1.61 | 1.50 | 1.58 | 1.31 |
|      | 244   | 1.07 | 1.17 | 1.19 | 1.19 | 1.24 | 1.60 | 1.62 | 1.62 | 1.58 | 1.36 |
|      | 343   | 1.10 | 1.10 | 1.07 | 1.09 | 1.10 | 1.22 | 1.49 | 1.53 | 1.60 | 1.26 |
|      | 344   | 1.17 | 1.17 | 1.14 | 1.16 | 1.21 | 1.15 | 1.51 | 1.63 | 1.53 | 1.29 |
|      | 443   | 1.10 | 1.16 | 1.17 | 1.17 | 1.18 | 1.24 | 1.61 | 1.62 | 1.58 | 1.31 |
|      | 444   | 0.96 | 1.09 | 1.14 | 1.14 | 1.11 | 1.56 | 1.59 | 1.47 | 1.18 | 1.25 |
|      | 543   | 1.21 | 1.23 | 1.26 | 1.27 | 1.28 | 1.26 | 1.76 | 1.79 | 1.82 | 1.43 |
|      | 544   | 1.25 | 1.15 | 1.18 | 1.19 | 1.29 | 1.26 | 1.74 | 1.82 | 1.78 | 1.41 |
|      | 643   | 1.12 | 1.13 | 1.12 | 1.10 | 1.14 | 1.11 | 1.52 | 1.53 | 1.39 | 1.24 |
|      | 644   | 1.07 | 1.04 | 1.05 | 1.07 | 1.16 | 1.06 | 1.34 | 1.42 | 1.43 | 1.18 |
|      | 743   | 1.04 | 0.96 | 1.01 | 1.07 | 1.01 | 1.06 | 1.26 | 1.46 | 1.49 | 1.15 |
|      | 744   |      | 0.99 | 1.03 | 1.05 | 0.98 | 0.84 | 0.79 | 1.27 | 0.98 | 0.88 |
|      | 843   | 1.32 | 1.26 | 1.36 | 1.42 | 1.55 | 1.45 | 1.46 | 1.35 | 1.14 | 1.37 |
|      | 844   | 1.32 | 1.28 | 1.26 | 1.37 | 1.46 | 1.44 | 1.43 | 1.37 | 1.29 | 1.36 |
|      | 943   | 0.99 | 0.98 | 1.05 | 1.07 | 1.08 | 1.09 | 1.23 | 1.29 | 1.30 | 1.12 |
|      | 944   | 1.01 | 0.91 | 0.94 | 0.84 | 0.84 | 0.87 | 1.01 | 1.20 | 1.20 | 0.98 |
|      | 13AVE | 1.03 | 1.04 | 1.06 | 1.08 | 1.09 | 1.11 | 1.42 | 1.48 | 1.43 | 1.17 |
|      | 14AVE | 1.13 | 1.10 | 1.12 | 1.14 | 1.16 | 1.20 | 1.42 | 1.49 | 1.42 | 1.23 |
|      | AVE   | 1.08 | 1.07 | 1.09 | 1.11 | 1.13 | 1.16 | 1.42 | 1.49 | 1.42 | 1.20 |

| 低CP区 | NO    | -9     | -8     | -7     | -6     | -5     | -4     | -3     | -2     | -1     | 平均     |
|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | 131   | 94.56  | 90.91  | 100.75 | 95.41  | 90.52  | 91.87  | 112.18 | 115.24 | 112.16 | 100.40 |
|      | 231   | 84.55  | 86.93  | 84.07  | 92.48  | 88.89  | 90.30  | 85.47  | 87.83  | 84.88  | 87.27  |
|      | 232   |        | 94.47  | 94.97  | 93.25  | 88.67  | 92.33  | 82.51  | 93.27  | 95.12  | 81.62  |
|      | 331   | 86.89  | 85.90  | 89.13  | 90.07  | 89.84  | 90.00  | 92.20  | 91.27  | 92.49  | 89.75  |
|      | 332   | 77.64  | 84.03  | 78.88  | 79.31  | 80.02  | 80.30  | 87.49  | 76.66  | 87.91  | 81.36  |
|      | 431   | 108.80 | 111.23 | 111.23 | 111.12 | 111.12 | 121.51 | 110.87 | 110.87 | 114.57 | 112.37 |
|      | 432   | 106.92 | 94.95  | 95.30  | 94.40  | 109.53 | 119.05 | 107.11 | 106.55 | 102.51 | 104.04 |
|      | 531   | 91.54  | 93.05  | 93.45  | 93.48  | 93.55  | 90.74  | 85.15  | 85.23  | 85.19  | 90.15  |
|      | 532   | 87.00  | 87.07  | 74.91  | 78.67  | 76.40  | 80.20  | 75.45  | 73.14  | 65.74  | 77.62  |
|      | 621   | 87.74  | 95.50  | 87.72  | 93.03  | 87.54  | 63.11  | 75.55  | 80.08  | 56.69  | 80.77  |
|      | 623   | 89.33  | 88.47  | 86.71  | 91.15  | 87.35  | 87.82  | 90.69  | 92.97  | 89.93  | 89.38  |
|      | 731   |        | 84.87  | 107.19 | 106.49 | 103.03 | 98.03  | 98.51  | 103.38 | 89.33  | 87.87  |
|      | 831   | 77.66  | 82.31  | 82.38  | 83.39  | 77.68  | 81.75  | 83.74  | 83.51  | 78.47  | 81.21  |
|      | 931   |        | 106.04 | 107.42 | 112.25 | 110.55 | 112.06 | 104.24 | 106.92 | 104.47 | 95.99  |
|      | 932   |        | 112.72 | 112.13 | 114.82 | 116.04 | 114.22 | 106.76 | 109.76 | 94.93  | 97.93  |
|      | 031   | 87.39  | 87.04  | 86.43  | 82.22  | 81.13  | 85.94  | 92.44  | 91.92  | 77.03  | 85.72  |
|      | 032   | 85.25  | 85.36  | 88.56  | 92.15  | 84.99  | 88.87  | 96.97  | 87.66  | 78.73  | 87.62  |
|      | 141   |        | 95.70  | 91.09  | 101.05 | 103.14 | 105.03 | 103.61 | 118.71 | 118.32 | 89.79  |
|      | 142   | 102.74 | 104.82 | 104.12 | 101.57 | 100.47 | 102.37 | 114.94 | 114.24 | 115.53 | 106.76 |
|      | 241   | 90.51  | 86.90  | 91.91  | 92.05  | 92.89  | 96.86  | 91.08  | 89.88  | 90.05  | 91.35  |
|      | 242   | 96.96  | 97.55  | 95.09  | 86.60  | 91.08  | 91.27  | 91.56  | 95.11  | 85.49  | 92.30  |
|      | 341   | 85.42  | 82.99  | 85.42  | 82.60  | 83.78  | 83.76  | 84.24  | 93.27  | 94.83  | 86.26  |
|      | 342   | 88.67  | 84.38  | 86.70  | 86.74  | 81.81  | 84.89  | 94.16  | 87.42  | 76.72  | 85.72  |
|      | 441   | 95.41  | 89.43  | 86.90  | 91.91  | 97.86  | 95.16  | 94.93  | 101.91 | 90.76  | 93.81  |
|      | 442   | 98.99  | 93.25  | 94.97  | 92.82  | 103.77 | 106.14 | 97.24  | 96.37  | 90.06  | 97.07  |
|      | 541   | 105.02 | 108.24 | 101.73 | 104.94 | 106.09 | 106.48 | 108.02 | 108.18 | 107.68 | 106.26 |
|      | 542   | 99.09  | 100.76 | 101.55 | 101.63 | 103.51 | 102.63 | 107.86 | 106.31 | 107.55 | 103.43 |
|      | 641   | 91.65  | 91.51  | 92.45  | 75.84  | 82.49  | 97.17  | 99.71  | 93.78  | 91.45  | 90.67  |
|      | 642   | 90.86  | 88.04  | 92.35  | 77.27  | 70.94  | 72.91  | 80.01  | 86.78  | 82.99  | 82.46  |
|      | 741   |        | 69.93  | 87.23  | 87.38  | 88.63  | 89.94  | 89.84  | 85.82  | 85.41  | 76.02  |
|      | 742   | 87.23  | 70.48  | 87.70  | 85.93  | 82.31  | 81.33  | 76.50  | 82.38  | 81.35  | 81.69  |
|      | 841   | 91.72  | 90.25  | 79.51  | 73.41  | 69.92  | 78.93  | 88.63  | 96.73  | 97.92  | 85.22  |
|      | 842   | 78.40  | 69.31  | 53.01  | 52.03  | 50.85  | 56.38  | 69.78  | 75.16  | 79.86  | 64.98  |
|      | 941   | 67.80  | 54.55  | 91.46  | 96.55  | 97.85  | 99.16  | 95.90  | 96.02  | 98.39  | 88.63  |
|      | 942   | 93.08  | 92.11  | 95.41  | 82.06  | 90.27  | 98.36  | 98.21  | 97.61  | 93.14  | 93.36  |
|      | 13AVE | 89.64  | 92.40  | 93.01  | 94.34  | 92.75  | 93.42  | 93.37  | 93.90  | 88.83  | 90.06  |
|      | 14AVE | 91.47  | 87.23  | 89.92  | 87.35  | 88.76  | 91.60  | 93.68  | 95.87  | 93.75  | 89.77  |
|      | AVE   | 90.65  | 89.74  | 91.42  | 90.75  | 90.70  | 92.48  | 93.53  | 94.91  | 91.36  | 89.91  |

| 高CP区 | NO    | -9     | -8     | -7     | -6     | -5     | -4     | -3     | -2     | -1     | 平均     |
|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | 132   | 97.17  | 98.48  | 95.85  | 98.80  | 95.57  | 93.41  | 138.53 | 136.74 | 131.65 | 109.58 |
|      | 233   | 78.43  | 76.36  | 73.09  | 74.97  | 78.47  | 71.52  | 97.60  | 103.78 | 101.31 | 83.95  |
|      | 234   | 92.17  | 92.37  | 91.58  | 91.98  | 92.57  | 120.47 | 113.57 | 112.17 | 111.57 | 102.05 |
|      | 333   | 90.77  | 90.10  | 89.22  | 89.80  | 89.66  | 90.66  | 110.62 | 107.72 | 92.72  | 94.58  |
|      | 334   | 91.39  | 90.10  | 90.63  | 90.22  | 90.23  | 90.28  | 105.09 | 112.22 | 106.49 | 96.29  |
|      | 433   |        | 111.83 | 111.47 | 110.67 | 111.24 | 110.92 | 110.78 | 135.35 | 135.35 | 104.18 |
|      | 434   | 108.89 | 108.66 | 109.51 | 109.75 | 109.82 | 119.41 | 131.29 | 131.29 | 121.42 | 116.78 |
|      | 533   | 80.41  | 73.95  | 76.72  | 91.54  | 89.36  | 88.60  | 124.30 | 131.27 | 131.16 | 98.59  |
|      | 534   | 83.40  | 86.39  | 91.07  | 91.85  | 91.01  | 91.31  | 129.64 | 127.98 | 126.60 | 102.14 |
|      | 622   | 87.71  | 78.46  | 87.30  | 92.02  | 87.03  | 92.76  | 113.29 | 110.82 | 108.76 | 95.35  |
|      | 624   | 93.01  | 89.86  | 91.45  | 92.04  | 90.50  | 87.07  | 110.93 | 104.98 | 109.27 | 96.57  |
|      | 734   | 100.51 | 93.60  | 97.73  | 97.42  | 102.77 | 96.46  | 124.21 | 128.96 | 128.37 | 107.78 |
|      | 832   | 71.55  | 72.62  | 68.26  | 79.03  | 70.43  | 71.84  | 84.21  | 77.48  | 86.68  | 75.79  |
|      | 933   |        | 110.81 | 113.30 | 99.83  | 107.45 | 113.96 | 106.10 | 117.27 | 124.59 | 99.26  |
|      | 934   | 116.58 | 108.52 | 115.96 | 113.12 | 109.89 | 118.50 | 126.75 | 132.01 | 127.38 | 118.75 |
|      | 033   | 88.44  | 85.52  | 90.72  | 89.10  | 89.98  | 88.84  | 114.74 | 114.27 | 105.08 | 96.30  |
|      | 034   |        | 86.90  | 87.85  | 87.97  | 87.45  | 86.96  | 79.25  | 115.20 | 75.38  | 78.55  |
|      | 143   |        | 105.78 | 106.71 | 108.81 | 111.80 | 108.82 | 107.91 | 144.44 | 139.86 | 99.28  |
|      | 144   | 109.31 | 109.97 | 107.08 | 108.28 | 104.59 | 99.98  | 133.85 | 148.93 | 120.34 | 115.81 |
|      | 243   | 100.32 | 91.24  | 92.95  | 93.98  | 94.78  | 110.17 | 121.11 | 111.85 | 117.25 | 103.74 |
|      | 244   | 90.04  | 96.63  | 97.43  | 96.59  | 100.38 | 126.87 | 118.84 | 117.94 | 112.08 | 106.31 |
|      | 343   | 86.57  | 85.96  | 83.25  | 84.32  | 83.86  | 93.06  | 105.30 | 108.30 | 112.93 | 93.73  |
|      | 344   | 93.85  | 92.74  | 90.18  | 90.99  | 93.93  | 88.35  | 110.64 | 117.49 | 108.83 | 98.55  |
|      | 443   | 97.13  | 100.76 | 101.80 | 100.17 | 99.93  | 104.81 | 126.37 | 124.87 | 121.66 | 108.61 |
|      | 444   | 85.98  | 97.46  | 99.93  | 98.52  | 95.20  | 134.78 | 126.19 | 115.83 | 89.89  | 104.86 |
|      | 543   | 103.10 | 103.30 | 104.70 | 105.89 | 105.16 | 102.77 | 133.14 | 132.95 | 133.14 | 113.79 |
|      | 544   | 103.94 | 96.09  | 97.03  | 97.14  | 105.10 | 101.62 | 128.84 | 133.45 | 130.22 | 110.38 |
|      | 643   | 92.45  | 92.54  | 92.18  | 89.73  | 88.94  | 80.81  | 109.08 | 109.34 | 99.20  | 94.92  |
|      | 644   | 92.81  | 89.28  | 90.88  | 92.16  | 96.03  | 80.15  | 102.14 | 107.95 | 108.22 | 95.51  |
|      | 743   | 85.53  | 78.47  | 83.13  | 87.44  | 81.60  | 86.46  | 92.50  | 105.40 | 103.61 | 89.35  |
|      | 744   |        | 81.61  | 84.06  | 83.95  | 77.91  | 65.98  | 62.38  | 87.67  | 67.57  | 67.91  |
|      | 843   | 112.44 | 105.18 | 111.84 | 118.14 | 126.95 | 118.37 | 118.22 | 108.96 | 91.49  | 112.40 |
|      | 844   | 112.44 | 106.84 | 103.62 | 113.98 | 119.57 | 117.55 | 115.79 | 110.57 | 103.53 | 111.54 |
|      | 943   | 92.19  | 90.60  | 97.85  | 98.95  | 100.27 | 100.96 | 102.02 | 107.26 | 107.41 | 99.72  |
|      | 944   | 100.43 | 90.56  | 92.80  | 93.45  | 82.93  | 86.35  | 89.20  | 105.84 | 105.20 | 94.08  |
|      | 13AVE | 91.46  | 91.50  | 93.04  | 94.12  | 93.73  | 96.06  | 112.99 | 117.62 | 113.16 | 98.62  |
|      | 14AVE | 97.41  | 95.28  | 96.52  | 97.92  | 98.27  | 100.44 | 111.31 | 116.61 | 109.58 | 101.14 |
|      | AVE   | 94.63  | 93.44  | 94.83  | 96.07  | 96.07  | 98.31  | 112.13 | 117.10 | 111.32 | 99.91  |

CP摂取量 KG 分娩後

| 低CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 131   | 2.08 | 2.22 | 2.38 | 2.39 | 2.39 | 2.62 | 2.56 | 2.56 | 2.54 | 2.58 | 2.65 | 2.68 | 2.71 | 2.71 | 2.50 |
|      | 231   | 1.97 | 2.25 | 2.37 | 2.19 | 2.29 | 2.48 | 2.34 | 2.54 | 2.61 | 2.68 | 2.62 | 2.78 | 2.32 | 2.44 | 2.42 |
|      | 232   | 2.08 | 2.34 | 2.49 | 2.50 | 2.58 | 2.68 | 2.69 | 2.88 | 2.93 | 2.95 | 2.85 | 2.94 | 2.97 | 2.91 | 2.70 |
|      | 331   | 2.13 | 2.58 | 2.85 | 2.91 | 2.76 | 2.95 | 3.07 | 3.08 | 2.93 | 3.34 | 3.43 | 3.49 | 3.52 | 3.51 | 3.04 |
|      | 332   | 2.05 | 2.45 | 2.73 | 2.59 | 2.99 | 3.07 | 3.04 | 3.08 | 2.90 | 2.90 | 3.02 | 3.02 | 2.56 | 3.21 | 2.83 |
|      | 431   | 1.96 | 2.60 | 3.05 | 3.11 | 3.21 | 3.09 | 3.17 | 3.22 | 3.22 | 3.33 | 3.35 | 3.35 | 3.35 | 3.31 | 3.09 |
|      | 432   | 1.41 | 2.21 | 2.10 | 2.60 | 2.71 | 2.34 | 2.69 | 2.76 | 2.91 | 2.98 | 3.08 | 3.12 | 2.91 | 3.11 | 2.64 |
|      | 531   | 2.42 | 2.76 | 2.86 | 2.91 | 2.97 | 3.03 | 3.15 | 3.28 | 3.31 | 3.47 | 2.90 | 3.32 | 3.15 | 3.05 | 3.04 |
|      | 532   | 1.45 | 1.95 | 2.15 | 2.16 | 2.51 | 2.57 | 2.68 | 2.89 | 2.95 | 2.99 | 2.99 | 2.95 | 2.95 | 2.48 | 2.55 |
|      | 621   | 1.92 | 1.98 | 2.10 | 2.07 | 2.02 | 2.54 | 2.91 | 2.89 | 2.94 | 3.07 | 3.12 | 3.21 | 3.37 | 3.40 | 2.68 |
|      | 623   | 2.21 | 1.87 | 2.16 | 2.84 | 2.67 | 2.38 | 2.84 | 2.96 | 3.05 | 3.04 | 3.03 | 3.09 | 3.07 | 3.18 | 2.74 |
|      | 731   | 2.25 | 2.22 | 2.25 | 1.84 | 2.23 | 2.70 | 2.75 | 3.05 | 3.31 | 3.44 | 3.51 | 3.66 | 2.81 | 1.97 | 2.71 |
|      | 831   | 1.55 | 2.12 | 2.35 | 2.57 | 2.77 | 2.68 | 2.66 | 2.98 | 2.84 | 2.99 | 3.14 | 3.17 | 3.11 | 3.23 | 2.73 |
|      | 931   | 2.35 | 2.19 | 2.49 | 2.65 | 2.51 | 2.65 | 2.76 | 2.52 | 2.56 | 2.30 | 2.61 | 2.77 | 2.71 | 2.63 | 2.55 |
|      | 932   | 1.52 | 1.68 | 1.98 | 2.30 | 2.49 | 2.65 | 2.81 | 2.83 | 2.86 | 2.87 | 2.41 | 2.78 | 2.71 | 2.71 | 2.47 |
|      | 031   | 1.93 | 2.07 | 2.25 | 2.34 | 2.43 | 2.24 | 2.45 | 2.48 | 2.59 | 2.51 | 2.52 | 2.63 | 2.96 | 2.70 | 2.44 |
|      | 032   | 1.39 | 1.43 | 1.64 | 1.59 | 1.70 | 1.63 | 1.69 | 1.75 | 1.60 | 1.73 | 2.07 | 1.93 | 2.04 | 1.99 | 1.73 |
|      | 141   | 2.19 | 2.32 | 2.45 | 2.29 | 2.49 | 2.54 | 2.37 | 2.41 | 2.43 | 2.44 | 2.47 | 2.39 | 2.44 | 2.42 | 2.40 |
|      | 142   | 2.08 | 2.01 | 2.26 | 2.32 | 1.94 | 2.15 | 1.84 | 1.78 | 1.85 | 1.64 | 1.81 | 1.78 | 1.37 | 0.81 | 1.83 |
|      | 241   | 2.14 | 2.46 | 2.56 | 2.59 | 2.80 | 2.97 | 3.04 | 3.04 | 2.99 | 3.12 | 3.08 | 3.04 | 3.01 | 2.97 | 2.84 |
|      | 242   | 1.52 | 2.37 | 2.63 | 2.71 | 2.75 | 2.83 | 2.82 | 2.80 | 2.77 | 2.78 | 2.75 | 2.88 | 2.76 | 2.77 | 2.65 |
|      | 341   | 2.11 | 2.39 | 2.58 | 2.50 | 2.49 | 2.69 | 2.79 | 2.88 | 2.83 | 2.85 | 2.84 | 2.87 | 2.75 | 2.81 | 2.67 |
|      | 342   | 2.05 | 2.01 | 2.27 | 2.51 | 2.88 | 3.00 | 3.02 | 2.88 | 2.38 | 2.97 | 3.07 | 2.86 | 2.41 | 2.54 | 2.63 |
|      | 441   | 2.11 | 2.74 | 2.50 | 2.70 | 2.67 | 2.62 | 2.78 | 2.91 | 3.01 | 3.12 | 3.16 | 3.19 | 3.13 | 3.10 | 2.84 |
|      | 442   | 1.71 | 2.24 | 2.35 | 2.43 | 2.52 | 2.59 | 2.13 | 2.69 | 2.87 | 2.87 | 2.92 | 2.88 | 2.70 | 2.87 | 2.56 |
|      | 541   | 2.25 | 3.10 | 2.97 | 3.12 | 3.34 | 3.45 | 3.76 | 3.82 | 3.75 | 3.75 | 3.79 | 3.89 | 3.66 | 3.69 | 3.45 |
|      | 542   | 2.68 | 2.84 | 2.88 | 3.08 | 3.14 | 3.18 | 2.86 | 3.09 | 3.29 | 3.39 | 3.37 | 3.54 | 3.61 | 3.56 | 3.18 |
|      | 641   | 2.20 | 2.36 | 2.56 | 3.10 | 3.15 | 3.20 | 3.16 | 3.30 | 3.29 | 3.32 | 3.22 | 3.46 | 3.54 | 3.59 | 3.10 |
|      | 642   | 2.28 | 2.33 | 2.41 | 2.41 | 2.54 | 2.96 | 2.94 | 2.94 | 3.10 | 3.04 | 3.08 | 3.51 | 3.50 | 2.56 | 2.83 |
|      | 741   | 1.06 | 2.19 | 2.22 | 2.42 | 2.35 | 2.35 | 2.33 | 2.62 | 2.59 | 3.30 | 3.18 | 3.44 | 3.48 | 3.52 | 2.65 |
|      | 742   | 2.49 | 2.71 | 3.19 | 3.49 | 3.52 | 3.61 | 3.95 | 4.37 | 4.47 | 4.30 | 4.77 | 4.56 | 4.48 | 4.63 | 3.90 |
|      | 841   | 2.47 | 2.87 | 3.05 | 3.42 | 3.88 | 3.95 | 4.05 | 4.15 | 4.23 | 4.14 | 4.09 | 4.14 | 3.89 | 3.94 | 3.73 |
|      | 842   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 941   | 2.07 | 2.66 | 2.80 | 2.60 | 2.82 | 2.82 | 3.07 | 3.10 | 2.97 | 3.33 | 3.25 | 3.17 | 3.16 | 3.03 | 2.92 |
|      | 942   | 1.71 | 2.00 | 2.25 | 2.18 | 2.14 | 2.26 | 2.21 | 2.12 | 2.16 | 2.25 | 2.23 | 2.20 | 2.14 | 2.16 | 2.14 |
|      | 13AVE | 1.92 | 2.17 | 2.37 | 2.44 | 2.54 | 2.61 | 2.72 | 2.81 | 2.83 | 2.89 | 2.90 | 2.99 | 2.89 | 2.86 | 2.64 |
|      | 14AVE | 2.07 | 2.45 | 2.58 | 2.70 | 2.79 | 2.89 | 2.89 | 2.99 | 3.00 | 3.09 | 3.12 | 3.17 | 3.06 | 3.00 | 2.84 |
|      | AVE   | 1.99 | 2.31 | 2.47 | 2.57 | 2.67 | 2.75 | 2.81 | 2.90 | 2.91 | 2.99 | 3.01 | 3.08 | 2.98 | 2.93 | 2.74 |

| 高CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 132   | 1.76 | 1.99 | 2.03 | 2.28 | 2.38 | 2.53 | 2.60 | 2.63 | 2.68 | 2.71 | 2.69 | 2.59 | 2.58 | 2.52 | 2.43 |
|      | 233   | 1.84 | 2.13 | 2.41 | 2.53 | 2.32 | 2.45 | 2.51 | 2.55 | 2.54 | 2.56 | 2.61 | 2.65 | 2.70 | 2.77 | 2.47 |
|      | 234   | 1.99 | 2.36 | 2.58 | 2.67 | 2.68 | 2.89 | 2.84 | 2.89 | 2.85 | 2.72 | 2.91 | 2.94 | 2.94 | 2.90 | 2.73 |
|      | 333   | 2.61 | 2.78 | 2.90 | 3.17 | 3.39 | 3.51 | 3.55 | 3.62 | 3.56 | 3.64 | 3.58 | 3.66 | 3.48 | 3.57 | 3.36 |
|      | 334   | 2.49 | 2.75 | 2.94 | 3.07 | 3.12 | 2.49 | 3.01 | 3.25 | 3.37 | 3.31 | 3.35 | 3.41 | 3.48 | 3.47 | 3.11 |
|      | 433   | 2.08 | 1.94 | 2.14 | 2.96 | 3.20 | 2.94 | 2.90 | 2.90 | 3.02 | 3.18 | 3.13 | 3.24 | 3.17 | 3.19 | 2.86 |
|      | 434   | 1.87 | 2.58 | 2.68 | 2.72 | 3.04 | 2.92 | 2.79 | 2.82 | 2.97 | 3.13 | 3.09 | 3.17 | 3.30 | 3.10 | 2.87 |
|      | 533   | 2.20 | 2.24 | 2.34 | 2.69 | 2.95 | 2.98 | 2.93 | 2.94 | 3.06 | 3.02 | 3.05 | 3.02 | 3.03 | 3.05 | 2.82 |
|      | 534   | 1.61 | 2.09 | 2.32 | 2.51 | 2.59 | 2.86 | 2.84 | 2.96 | 2.99 | 2.93 | 2.96 | 3.07 | 2.98 | 2.92 | 2.69 |
|      | 622   | 1.98 | 2.20 | 2.41 | 2.53 | 2.63 | 2.59 | 2.73 | 2.85 | 2.17 | 2.12 | 2.43 | 2.81 | 2.56 | 2.74 | 2.48 |
|      | 624   | 1.92 | 2.13 | 2.35 | 2.54 | 2.77 | 2.62 | 2.84 | 2.92 | 2.98 | 3.03 | 2.97 | 3.04 | 2.95 | 3.23 | 2.74 |
|      | 734   | 2.69 | 2.91 | 3.20 | 3.26 | 3.06 | 3.45 | 3.42 | 3.16 | 3.00 | 2.55 | 2.43 | 2.29 | 2.19 | 2.07 | 2.83 |
|      | 832   | 1.04 | 1.43 | 1.56 | 1.70 | 1.66 | 2.06 | 2.30 | 2.37 | 2.27 | 2.36 | 2.32 | 2.40 | 2.39 | 2.31 | 2.01 |
|      | 933   | 2.84 | 3.09 | 3.29 | 2.87 | 3.20 | 3.49 | 3.40 | 3.45 | 3.49 | 3.57 | 3.59 | 3.50 | 3.39 | 3.41 | 3.33 |
|      | 934   | 1.86 | 2.55 | 2.68 | 2.89 | 2.91 | 2.85 | 2.81 | 2.84 | 2.89 | 2.85 | 2.82 | 2.94 | 1.87 | 2.60 | 2.67 |
|      | 033   | 2.44 | 2.47 | 2.18 | 2.42 | 2.57 | 2.58 | 3.04 | 2.82 | 3.00 | 3.03 | 3.36 | 3.28 | 3.50 | 3.29 | 2.86 |
|      | 034   | 1.72 | 1.47 | 1.70 | 1.57 | 1.58 | 1.91 | 1.94 | 1.76 | 1.83 | 1.92 | 1.93 | 1.69 | 1.93 | 1.60 | 1.75 |
|      | 143   | 1.76 | 1.74 | 1.91 | 2.12 | 2.05 | 2.32 | 2.54 | 2.66 | 2.84 | 2.90 | 2.90 | 2.82 | 2.93 | 2.90 | 2.46 |
|      | 144   | 2.05 | 2.22 | 2.34 | 2.40 | 2.38 | 2.59 | 2.47 | 2.35 | 2.51 | 2.63 | 2.81 | 2.73 | 2.68 | 2.95 | 2.51 |
|      | 243   | 2.29 | 2.55 | 2.74 | 2.68 | 2.44 | 2.76 | 2.89 | 3.00 | 3.06 | 3.41 | 3.40 | 3.44 | 3.46 | 3.52 | 2.97 |
|      | 244   | 2.07 | 2.25 | 1.68 | 2.51 | 2.92 | 3.04 | 3.01 | 3.10 | 3.10 | 3.05 | 3.12 | 3.17 | 3.30 | 3.33 | 2.83 |
|      | 343   | 2.46 | 2.55 | 2.72 | 2.85 | 2.89 | 3.06 | 3.14 | 3.08 | 3.22 | 3.32 | 3.25 | 3.25 | 3.33 | 3.31 | 3.03 |
|      | 344   | 2.27 | 2.46 | 2.68 | 2.88 | 3.05 | 3.28 | 3.22 | 3.28 | 3.35 | 3.37 | 3.38 | 3.36 | 3.33 | 3.39 | 3.09 |
|      | 443   | 2.40 | 2.24 | 2.36 | 2.55 | 2.75 | 2.52 | 2.67 | 2.83 | 3.02 | 2.88 | 2.98 | 2.93 | 2.89 | 3.04 | 2.72 |
|      | 444   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 543   | 2.45 | 2.65 | 3.03 | 2.92 | 3.12 | 3.40 | 3.28 | 3.52 | 3.59 | 3.71 | 3.86 | 3.84 | 3.86 | 3.94 | 3.37 |
|      | 544   | 2.02 | 2.30 | 2.80 | 2.74 | 2.97 | 3.20 | 3.31 | 3.50 | 3.67 | 3.72 | 3.69 | 3.73 | 3.73 | 3.69 | 3.22 |
|      | 643   | 1.99 | 2.49 | 2.55 | 3.14 | 3.08 | 3.14 | 3.23 | 3.31 | 3.52 | 3.33 | 3.39 | 3.43 | 3.47 | 3.42 | 3.11 |
|      | 644   | 2.40 | 2.48 | 2.55 | 2.47 | 2.59 | 3.00 | 2.91 | 2.99 | 3.32 | 3.07 | 3.04 | 3.25 | 3.37 | 3.26 | 2.91 |
|      | 743   | 2.21 | 2.60 | 2.61 | 2.75 | 3.02 | 2.75 | 3.13 | 3.32 | 3.24 | 2.81 | 3.44 | 3.68 | 3.60 | 3.38 | 3.04 |
|      | 744   | 2.06 | 2.14 | 2.15 | 2.49 | 2.61 | 2.63 | 2.78 | 2.85 | 2.89 | 2.87 | 3.14 | 3.17 | 3.25 | 2.92 | 2.71 |
|      | 843   | 2.00 | 2.49 | 2.62 | 2.76 | 2.86 | 2.96 | 3.26 | 3.17 | 3.08 | 2.84 | 3.24 | 3.12 | 3.02 | 2.84 | 2.88 |
|      | 844   | 2.26 | 2.48 | 2.72 | 2.73 | 2.86 | 3.10 | 3.69 | 3.61 | 3.38 | 3.33 | 3.25 | 3.00 | 2.74 | 2.52 | 2.98 |
|      | 943   | 1.72 | 1.76 | 1.86 | 2.00 | 2.14 | 1.88 | 1.95 | 2.00 | 2.13 | 1.90 | 1.91 | 1.94 | 1.95 | 1.84 | 1.93 |
|      | 944   | 1.80 | 1.97 | 2.16 | 2.05 | 2.20 | 2.23 | 2.16 | 2.16 | 2.28 | 2.22 | 2.25 | 2.23 | 2.27 | 2.25 | 2.16 |
|      | 13AVE | 2.05 | 2.30 | 2.45 | 2.61 | 2.71 | 2.77 | 2.85 | 2.87 | 2.86 | 2.86 | 2.90 | 2.92 | 2.85 | 2.87 | 2.71 |
|      | 14AVE | 2.13 | 2.32 | 2.44 | 2.59 | 2.70 | 2.81 | 2.92 | 2.98 | 3.07 | 3.02 | 3.12 | 3.12 | 3.13 | 3.09 | 2.82 |
|      | AVE   | 2.09 | 2.31 | 2.45 | 2.60 | 2.71 | 2.79 | 2.88 | 2.92 | 2.97 | 2.94 | 3.01 | 3.02 | 2.99 | 2.98 | 2.76 |

CP摂取量/飼養標準 % 分娩後

| 低CP区 | NO    | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 平均     |
|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | 131   | 179.66 | 135.91 | 107.89 | 100.07 | 106.75 | 96.62  | 89.37  | 97.11  | 90.33  | 93.12  | 99.02  | 97.43  | 101.81 | 102.21 | 106.95 |
|      | 231   | 63.03  | 67.78  | 71.59  | 71.64  | 83.49  | 80.13  | 76.54  | 87.04  | 89.66  | 82.07  | 90.15  | 85.24  | 83.67  | 75.09  | 79.08  |
|      | 232   | 83.99  | 89.07  | 92.99  | 89.66  | 90.11  | 95.76  | 97.15  | 116.22 | 101.99 | 102.19 | 96.21  | 104.32 | 108.13 | 108.35 | 98.30  |
|      | 331   | 88.54  | 95.57  | 106.00 | 102.91 | 83.80  | 104.33 | 94.19  | 94.62  | 100.72 | 106.62 | 109.68 | 98.53  | 96.01  | 109.24 | 99.34  |
|      | 332   | 68.68  | 79.29  | 82.09  | 77.40  | 85.80  | 81.26  | 100.17 | 90.11  | 87.97  | 98.59  | 78.11  | 82.37  | 72.70  | 101.77 | 84.74  |
|      | 431   | 85.16  | 103.59 | 112.39 | 114.19 | 115.40 | 104.45 | 107.55 | 114.58 | 112.31 | 123.25 | 125.15 | 117.18 | 125.42 | 109.29 | 112.14 |
|      | 432   | 51.07  | 76.91  | 73.18  | 90.98  | 92.49  | 88.39  | 91.15  | 91.13  | 100.34 | 109.38 | 106.71 | 111.84 | 106.90 | 118.17 | 93.47  |
|      | 531   | 76.23  | 90.74  | 83.62  | 82.19  | 87.01  | 80.63  | 87.10  | 90.46  | 88.11  | 91.48  | 85.53  | 102.64 | 92.11  | 98.45  | 88.31  |
|      | 532   | 52.11  | 64.33  | 63.08  | 66.22  | 75.65  | 74.79  | 80.70  | 86.71  | 85.98  | 92.31  | 93.43  | 92.00  | 76.59  | 87.41  | 77.95  |
|      | 621   | 81.99  | 75.25  | 74.77  | 78.50  | 73.15  | 91.81  | 96.51  | 95.85  | 104.13 | 105.08 | 106.07 | 112.39 | 111.07 | 111.94 | 94.18  |
|      | 623   | 77.51  | 63.33  | 71.67  | 90.38  | 84.27  | 78.46  | 93.24  | 94.84  | 93.21  | 96.15  | 90.95  | 95.95  | 88.51  | 88.57  | 86.22  |
|      | 731   | 103.33 | 91.06  | 90.50  | 72.21  | 89.44  | 108.94 | 114.14 | 120.25 | 129.13 | 136.22 | 139.15 | 148.64 | 115.73 | 86.26  | 110.36 |
|      | 831   | 70.42  | 76.98  | 80.18  | 83.44  | 85.34  | 70.90  | 91.13  | 93.89  | 88.01  | 96.36  | 102.92 | 100.13 | 114.55 | 118.88 | 90.94  |
|      | 931   | 88.03  | 81.81  | 92.52  | 97.96  | 99.72  | 112.72 | 115.45 | 106.92 | 116.04 | 111.66 | 134.71 | 122.21 | 146.14 | 153.74 | 112.83 |
|      | 932   | 81.96  | 85.80  | 95.14  | 106.87 | 114.40 | 116.47 | 117.07 | 122.79 | 122.46 | 125.29 | 112.49 | 132.37 | 133.70 | 129.16 | 114.00 |
|      | 031   | 72.93  | 75.02  | 93.27  | 96.42  | 87.31  | 85.95  | 92.50  | 97.38  | 103.25 | 93.58  | 97.27  | 101.00 | 110.44 | 103.25 | 93.54  |
|      | 032   | 64.18  | 59.11  | 63.81  | 65.40  | 66.27  | 66.61  | 70.22  | 67.92  | 66.62  | 65.13  | 79.94  | 71.18  | 74.17  | 70.76  | 67.95  |
|      | 141   | 105.83 | 90.41  | 93.49  | 89.70  | 98.67  | 101.23 | 100.26 | 97.66  | 103.53 | 104.74 | 108.42 | 109.19 | 113.45 | 111.70 | 102.02 |
|      | 142   | 93.79  | 86.89  | 95.75  | 106.07 | 95.67  | 104.47 | 88.93  | 92.51  | 109.77 | 94.36  | 116.31 | 108.89 | 92.60  | 61.33  | 96.24  |
|      | 241   | 73.20  | 105.22 | 104.85 | 87.27  | 88.71  | 105.28 | 92.39  | 92.11  | 90.86  | 86.09  | 83.82  | 91.41  | 88.95  | 95.68  | 91.85  |
|      | 242   | 50.35  | 80.92  | 84.40  | 89.55  | 89.43  | 92.13  | 86.92  | 88.97  | 100.14 | 98.45  | 105.61 | 97.48  | 97.08  | 93.84  | 89.66  |
|      | 341   | 71.29  | 70.49  | 74.24  | 75.66  | 78.61  | 85.74  | 86.42  | 87.03  | 80.35  | 99.90  | 84.09  | 85.64  | 88.13  | 91.86  | 82.82  |
|      | 342   | 60.31  | 69.20  | 72.80  | 83.43  | 83.04  | 90.03  | 94.40  | 69.63  | 85.67  | 89.46  | 84.10  | 88.66  | 68.43  | 78.42  | 79.83  |
|      | 441   | 72.41  | 102.82 | 85.63  | 91.59  | 86.62  | 95.60  | 111.68 | 97.18  | 101.82 | 110.25 | 106.00 | 108.79 | 109.15 | 113.16 | 99.48  |
|      | 442   | 70.83  | 89.63  | 92.78  | 91.87  | 95.38  | 101.52 | 94.28  | 108.18 | 123.09 | 118.79 | 122.29 | 121.83 | 126.07 | 123.86 | 105.74 |
|      | 541   | 73.29  | 92.80  | 79.51  | 84.48  | 107.16 | 108.56 | 120.08 | 116.64 | 110.99 | 109.87 | 115.48 | 112.96 | 108.90 | 113.13 | 103.85 |
|      | 542   | 85.85  | 85.57  | 86.95  | 87.44  | 89.80  | 88.69  | 91.26  | 96.03  | 100.52 | 103.11 | 103.18 | 115.86 | 114.53 | 110.35 | 97.08  |
|      | 641   | 67.31  | 72.83  | 86.88  | 93.83  | 89.94  | 94.91  | 85.54  | 93.06  | 110.50 | 99.80  | 109.08 | 109.66 | 107.53 | 110.43 | 95.09  |
|      | 642   | 78.00  | 69.04  | 66.32  | 71.76  | 75.97  | 97.60  | 97.23  | 94.88  | 104.13 | 101.29 | 94.90  | 109.81 | 108.63 | 78.01  | 89.11  |
|      | 741   | 53.97  | 101.63 | 91.20  | 92.14  | 87.67  | 83.09  | 84.11  | 95.07  | 87.44  | 109.19 | 109.20 | 117.15 | 116.81 | 116.39 | 96.07  |
|      | 742   | 64.22  | 68.49  | 84.02  | 89.27  | 81.33  | 93.95  | 105.15 | 113.91 | 117.44 | 117.43 | 122.27 | 118.41 | 115.03 | 122.37 | 100.95 |
|      | 841   | 112.22 | 104.21 | 104.06 | 111.04 | 119.53 | 104.50 | 138.75 | 130.75 | 131.08 | 133.42 | 134.05 | 130.76 | 143.28 | 145.01 | 124.48 |
|      | 842   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      | 941   | 97.34  | 107.06 | 109.53 | 96.20  | 103.76 | 104.96 | 113.71 | 116.62 | 119.73 | 145.93 | 124.57 | 130.87 | 117.83 | 112.26 | 114.31 |
|      | 942   | 78.12  | 82.23  | 93.41  | 94.08  | 100.14 | 106.66 | 108.28 | 102.90 | 121.95 | 117.08 | 110.71 | 123.22 | 126.09 | 120.07 | 106.07 |
|      | 13AVE | 81.70  | 83.03  | 85.57  | 87.44  | 89.43  | 90.48  | 94.95  | 98.11  | 98.84  | 101.68 | 102.79 | 104.44 | 103.39 | 104.27 | 94.72  |
|      | 14AVE | 76.96  | 87.03  | 88.58  | 90.32  | 92.44  | 97.58  | 99.96  | 99.80  | 105.82 | 108.19 | 107.89 | 110.62 | 108.38 | 105.76 | 98.51  |
|      | AVE   | 79.33  | 85.03  | 87.07  | 88.88  | 90.94  | 94.03  | 97.46  | 98.85  | 102.33 | 104.93 | 105.34 | 107.53 | 105.89 | 105.01 | 96.62  |

| 高CP区 | NO  | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 平均     |
|------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | 132 | 89.53  | 80.03  | 78.58  | 87.96  | 91.89  | 96.64  | 107.36 | 107.05 | 107.59 | 108.09 | 110.68 | 106.30 | 95.81  | 96.68  | 97.44  |
|      | 233 | 68.78  | 72.00  | 81.71  | 78.21  | 84.09  | 80.08  | 81.37  | 79.38  | 75.59  | 79.14  | 80.16  | 78.76  | 81.06  | 80.34  | 78.62  |
|      | 234 | 68.62  | 83.72  | 87.90  | 88.87  | 90.64  | 93.60  | 85.06  | 102.60 | 92.50  | 96.92  | 101.74 | 99.09  | 95.51  | 94.98  | 91.55  |
|      | 333 | 71.49  | 86.83  | 86.87  | 100.00 | 97.98  | 115.50 | 100.99 | 105.97 | 108.54 | 113.03 | 112.01 | 113.55 | 107.80 | 110.04 | 102.19 |
|      | 334 | 85.72  | 80.86  | 81.57  | 86.63  | 98.61  | 86.84  | 86.22  | 94.98  | 102.52 | 106.40 | 98.83  | 108.77 | 93.90  | 91.56  | 93.10  |
|      | 433 | 92.23  | 75.79  | 83.10  | 111.84 | 111.87 | 109.54 | 105.85 | 111.67 | 118.57 | 129.74 | 119.02 | 134.47 | 123.72 | 129.04 | 111.18 |
|      | 434 | 67.60  | 92.58  | 85.95  | 82.23  | 85.38  | 87.57  | 91.04  | 90.39  | 86.80  | 98.46  | 88.98  | 92.13  | 100.78 | 95.32  | 88.94  |
|      | 533 | 70.61  | 66.62  | 66.68  | 76.03  | 79.62  | 82.95  | 84.66  | 90.77  | 87.98  | 92.56  | 92.04  | 94.61  | 92.03  | 93.25  | 83.60  |
|      | 534 | 67.37  | 83.75  | 89.70  | 99.55  | 92.42  | 97.29  | 105.57 | 103.10 | 106.91 | 100.28 | 101.14 | 105.77 | 102.92 | 108.80 | 97.47  |
|      | 622 | 76.76  | 60.69  | 77.58  | 80.20  | 80.82  | 87.65  | 86.16  | 94.01  | 67.16  | 68.50  | 81.42  | 92.48  | 86.26  | 89.48  | 80.66  |
|      | 624 | 69.18  | 73.08  | 77.35  | 83.45  | 89.35  | 82.92  | 86.31  | 95.87  | 94.95  | 100.54 | 97.81  | 93.57  | 95.31  | 101.38 | 88.65  |
|      | 734 | 93.26  | 102.95 | 112.27 | 111.71 | 109.92 | 122.53 | 84.65  | 108.42 | 97.84  | 69.73  | 77.25  | 76.06  | 71.07  | 73.01  | 93.62  |
|      | 832 | 49.38  | 63.30  | 63.29  | 67.30  | 65.33  | 78.06  | 81.97  | 89.94  | 81.65  | 90.32  | 85.64  | 90.46  | 93.29  | 94.21  | 78.15  |
|      | 933 | 119.68 | 120.29 | 122.27 | 123.16 | 122.54 | 126.29 | 130.58 | 131.28 | 133.47 | 123.20 | 128.59 | 130.80 | 133.20 | 129.03 | 126.74 |
|      | 934 | 80.40  | 100.20 | 104.44 | 109.89 | 107.24 | 109.93 | 118.40 | 121.87 | 135.40 | 118.07 | 122.26 | 135.61 | 100.48 | 156.82 | 115.79 |
|      | 033 | 99.38  | 84.93  | 77.19  | 87.97  | 86.20  | 88.37  | 105.93 | 102.12 | 95.91  | 99.58  | 114.67 | 107.95 | 120.53 | 116.37 | 99.08  |
|      | 034 | 78.11  | 62.42  | 77.76  | 68.45  | 67.12  | 85.54  | 80.66  | 77.16  | 74.80  | 78.80  | 76.20  | 68.80  | 77.07  | 61.96  | 73.92  |
|      | 143 | 90.26  | 78.73  | 91.13  | 97.86  | 98.51  | 107.06 | 119.08 | 120.19 | 128.99 | 122.65 | 123.09 | 126.94 | 131.54 | 131.21 | 111.94 |
|      | 144 | 69.46  | 73.53  | 84.80  | 77.85  | 84.88  | 93.85  | 86.96  | 84.75  | 93.46  | 94.98  | 102.67 | 104.93 | 103.71 | 80.73  | 88.33  |
|      | 243 | 68.83  | 69.01  | 80.71  | 77.11  | 73.15  | 68.08  | 81.86  | 86.50  | 78.43  | 92.68  | 87.96  | 93.80  | 88.60  | 93.46  | 81.44  |
|      | 244 | 77.32  | 72.39  | 66.06  | 98.55  | 94.49  | 95.72  | 94.34  | 101.42 | 91.66  | 84.42  | 104.10 | 96.55  | 103.57 | 107.26 | 91.99  |
|      | 343 | 78.21  | 67.77  | 67.90  | 69.94  | 75.73  | 87.82  | 92.41  | 90.78  | 94.90  | 94.76  | 106.97 | 104.16 | 98.13  | 95.58  | 87.50  |
|      | 344 | 67.48  | 70.07  | 70.47  | 65.81  | 81.03  | 101.05 | 97.98  | 98.77  | 100.24 | 87.53  | 91.38  | 89.10  | 95.60  | 88.04  | 86.04  |
|      | 443 | 102.54 | 90.85  | 88.02  | 96.89  | 94.85  | 91.66  | 95.79  | 102.34 | 108.23 | 105.82 | 101.77 | 102.24 | 102.68 | 107.01 | 99.34  |
|      | 444 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      | 543 | 78.95  | 85.29  | 92.23  | 90.58  | 94.34  | 99.12  | 93.73  | 93.95  | 100.84 | 101.82 | 105.20 | 113.21 | 113.52 | 115.61 | 98.46  |
|      | 544 | 65.14  | 71.07  | 85.93  | 78.64  | 89.23  | 93.19  | 95.02  | 103.52 | 109.57 | 104.23 | 112.05 | 113.98 | 115.07 | 106.41 | 95.93  |
|      | 643 | 60.29  | 66.24  | 76.54  | 85.24  | 99.93  | 86.80  | 92.93  | 102.00 | 109.23 | 97.31  | 101.30 | 101.70 | 99.19  | 98.22  | 91.28  |
|      | 644 | 72.72  | 88.55  | 86.68  | 74.92  | 79.76  | 95.36  | 89.83  | 92.07  | 96.84  | 88.15  | 89.91  | 93.35  | 96.27  | 98.24  | 88.76  |
|      | 743 | 78.35  | 87.85  | 87.64  | 99.64  | 101.62 | 95.93  | 104.82 | 104.60 | 107.67 | 94.91  | 110.50 | 120.85 | 117.65 | 110.66 | 101.62 |
|      | 744 | 71.04  | 66.31  | 69.84  | 76.73  | 79.51  | 80.84  | 83.37  | 84.96  | 87.42  | 88.44  | 99.80  | 99.40  | 105.75 | 93.34  | 84.77  |
|      | 843 | 94.97  | 110.23 | 106.29 | 109.26 | 112.55 | 112.16 | 116.18 | 120.30 | 110.79 | 108.69 | 119.60 | 117.60 | 117.88 | 115.82 | 112.31 |
|      | 844 | 107.31 | 109.78 | 110.34 | 108.08 | 112.55 | 117.47 | 13     |        |        |        |        |        |        |        |        |

5.UIP摄取量 kg 分焼前

| 低CP区 | NO    | -9   | -8   | -7   | -6   | -5   | -4   | -3   | -2   | -1   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|
|      | 131   | 0.30 | 0.30 | 0.33 | 0.31 | 0.31 | 0.32 | 0.39 | 0.42 | 0.42 | 0.35 |
|      | 231   | 0.27 | 0.28 | 0.28 | 0.31 | 0.30 | 0.30 | 0.36 | 0.40 | 0.38 | 0.32 |
|      | 232   |      | 0.31 | 0.31 | 0.31 | 0.29 | 0.31 | 0.31 | 0.41 | 0.43 | 0.30 |
|      | 331   | 0.30 | 0.31 | 0.32 | 0.33 | 0.33 | 0.33 | 0.43 | 0.43 | 0.43 | 0.36 |
|      | 332   | 0.29 | 0.31 | 0.30 | 0.30 | 0.30 | 0.30 | 0.42 | 0.37 | 0.42 | 0.33 |
|      | 431   | 0.31 | 0.32 | 0.32 | 0.32 | 0.32 | 0.40 | 0.40 | 0.40 | 0.40 | 0.36 |
|      | 432   | 0.29 | 0.25 | 0.26 | 0.25 | 0.31 | 0.37 | 0.37 | 0.36 | 0.34 | 0.31 |
|      | 531   | 0.35 | 0.36 | 0.36 | 0.37 | 0.37 | 0.36 | 0.37 | 0.37 | 0.37 | 0.36 |
|      | 532   | 0.31 | 0.31 | 0.26 | 0.28 | 0.27 | 0.28 | 0.29 | 0.28 | 0.26 | 0.28 |
|      | 621   | 0.32 | 0.36 | 0.34 | 0.36 | 0.33 | 0.24 | 0.38 | 0.40 | 0.29 | 0.33 |
|      | 623   | 0.33 | 0.33 | 0.32 | 0.34 | 0.33 | 0.34 | 0.46 | 0.47 | 0.45 | 0.37 |
|      | 731   |      | 0.24 | 0.31 | 0.31 | 0.30 | 0.31 | 0.35 | 0.39 | 0.34 | 0.28 |
|      | 831   | 0.31 | 0.33 | 0.33 | 0.34 | 0.31 | 0.33 | 0.35 | 0.35 | 0.33 | 0.33 |
|      | 931   |      | 0.34 | 0.35 | 0.37 | 0.36 | 0.37 | 0.39 | 0.46 | 0.45 | 0.34 |
|      | 932   |      | 0.36 | 0.36 | 0.37 | 0.38 | 0.38 | 0.40 | 0.46 | 0.41 | 0.35 |
|      | 031   | 0.27 | 0.27 | 0.27 | 0.26 | 0.26 | 0.29 | 0.41 | 0.41 | 0.35 | 0.31 |
|      | 032   | 0.21 | 0.21 | 0.22 | 0.24 | 0.22 | 0.23 | 0.32 | 0.29 | 0.26 | 0.24 |
|      | 141   |      | 0.27 | 0.27 | 0.30 | 0.30 | 0.32 | 0.32 | 0.38 | 0.38 | 0.28 |
|      | 142   | 0.29 | 0.31 | 0.30 | 0.30 | 0.30 | 0.30 | 0.36 | 0.35 | 0.36 | 0.32 |
|      | 241   | 0.31 | 0.30 | 0.32 | 0.32 | 0.32 | 0.38 | 0.42 | 0.42 | 0.42 | 0.36 |
|      | 242   | 0.32 | 0.32 | 0.32 | 0.29 | 0.31 | 0.31 | 0.39 | 0.43 | 0.39 | 0.34 |
|      | 341   | 0.29 | 0.28 | 0.29 | 0.29 | 0.29 | 0.29 | 0.37 | 0.42 | 0.43 | 0.33 |
|      | 342   | 0.32 | 0.31 | 0.32 | 0.32 | 0.31 | 0.32 | 0.45 | 0.42 | 0.37 | 0.35 |
|      | 441   | 0.33 | 0.31 | 0.30 | 0.32 | 0.34 | 0.34 | 0.41 | 0.46 | 0.41 | 0.36 |
|      | 442   | 0.31 | 0.30 | 0.30 | 0.30 | 0.39 | 0.40 | 0.41 | 0.41 | 0.38 | 0.36 |
|      | 541   | 0.37 | 0.37 | 0.36 | 0.38 | 0.38 | 0.38 | 0.43 | 0.43 | 0.43 | 0.39 |
|      | 542   | 0.34 | 0.35 | 0.36 | 0.35 | 0.36 | 0.37 | 0.42 | 0.42 | 0.42 | 0.38 |
|      | 641   | 0.34 | 0.34 | 0.35 | 0.28 | 0.31 | 0.37 | 0.49 | 0.46 | 0.46 | 0.38 |
|      | 642   | 0.31 | 0.31 | 0.32 | 0.27 | 0.27 | 0.28 | 0.36 | 0.39 | 0.38 | 0.32 |
|      | 741   |      | 0.26 | 0.32 | 0.32 | 0.33 | 0.34 | 0.34 | 0.43 | 0.43 | 0.31 |
|      | 742   | 0.32 | 0.26 | 0.32 | 0.32 | 0.31 | 0.31 | 0.39 | 0.42 | 0.42 | 0.34 |
|      | 841   | 0.38 | 0.38 | 0.34 | 0.32 | 0.30 | 0.34 | 0.26 | 0.29 | 0.29 | 0.32 |
|      | 842   | 0.32 | 0.29 | 0.23 | 0.22 | 0.22 | 0.25 | 0.21 | 0.22 | 0.24 | 0.24 |
|      | 941   | 0.23 | 0.18 | 0.30 | 0.32 | 0.33 | 0.33 | 0.43 | 0.43 | 0.44 | 0.33 |
|      | 942   | 0.30 | 0.30 | 0.31 | 0.26 | 0.29 | 0.37 | 0.42 | 0.42 | 0.40 | 0.34 |
|      | 13AVE | 0.30 | 0.31 | 0.31 | 0.31 | 0.31 | 0.32 | 0.38 | 0.39 | 0.37 | 0.33 |
|      | 14AVE | 0.32 | 0.30 | 0.31 | 0.31 | 0.32 | 0.33 | 0.38 | 0.40 | 0.39 | 0.34 |
|      | AVE   | 0.31 | 0.30 | 0.31 | 0.31 | 0.31 | 0.33 | 0.38 | 0.40 | 0.38 | 0.33 |

| 高CP区 | NO    | -9   | -8   | -7   | -6   | -5   | -4   | -3   | -2   | -1   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|
|      | 132   | 0.27 | 0.28 | 0.28 | 0.29 | 0.29 | 0.29 | 0.43 | 0.43 | 0.43 | 0.33 |
|      | 233   | 0.25 | 0.25 | 0.24 | 0.25 | 0.26 | 0.24 | 0.45 | 0.49 | 0.48 | 0.32 |
|      | 234   | 0.32 | 0.32 | 0.32 | 0.33 | 0.33 | 0.36 | 0.57 | 0.57 | 0.56 | 0.41 |
|      | 333   | 0.33 | 0.33 | 0.34 | 0.34 | 0.35 | 0.35 | 0.55 | 0.52 | 0.45 | 0.40 |
|      | 334   | 0.33 | 0.34 | 0.33 | 0.33 | 0.34 | 0.34 | 0.51 | 0.52 | 0.50 | 0.39 |
|      | 433   |      | 0.32 | 0.33 | 0.32 | 0.33 | 0.32 | 0.37 | 0.50 | 0.50 | 0.33 |
|      | 434   | 0.30 | 0.31 | 0.31 | 0.31 | 0.31 | 0.36 | 0.46 | 0.46 | 0.39 | 0.36 |
|      | 533   | 0.28 | 0.26 | 0.26 | 0.32 | 0.32 | 0.31 | 0.56 | 0.60 | 0.59 | 0.39 |
|      | 534   | 0.28 | 0.30 | 0.31 | 0.32 | 0.32 | 0.32 | 0.58 | 0.58 | 0.58 | 0.40 |
|      | 622   | 0.33 | 0.33 | 0.32 | 0.34 | 0.33 | 0.34 | 0.46 | 0.47 | 0.45 | 0.37 |
|      | 624   | 0.36 | 0.36 | 0.37 | 0.37 | 0.37 | 0.37 | 0.59 | 0.56 | 0.58 | 0.44 |
|      | 734   | 0.30 | 0.28 | 0.29 | 0.30 | 0.31 | 0.32 | 0.50 | 0.52 | 0.53 | 0.37 |
|      | 832   | 0.24 | 0.25 | 0.24 | 0.28 | 0.25 | 0.30 | 0.43 | 0.40 | 0.45 | 0.32 |
|      | 933   |      | 0.36 | 0.38 | 0.34 | 0.36 | 0.39 | 0.39 | 0.49 | 0.58 | 0.36 |
|      | 934   | 0.37 | 0.35 | 0.38 | 0.37 | 0.36 | 0.41 | 0.57 | 0.60 | 0.58 | 0.44 |
|      | 033   | 0.32 | 0.31 | 0.34 | 0.34 | 0.35 | 0.34 | 0.60 | 0.60 | 0.56 | 0.42 |
|      | 034   |      | 0.26 | 0.27 | 0.27 | 0.27 | 0.27 | 0.25 | 0.48 | 0.29 | 0.26 |
|      | 143   |      | 0.27 | 0.29 | 0.30 | 0.31 | 0.31 | 0.31 | 0.42 | 0.41 | 0.29 |
|      | 144   | 0.33 | 0.32 | 0.32 | 0.32 | 0.32 | 0.31 | 0.42 | 0.46 | 0.38 | 0.35 |
|      | 243   | 0.35 | 0.32 | 0.33 | 0.34 | 0.34 | 0.44 | 0.59 | 0.54 | 0.57 | 0.43 |
|      | 244   | 0.31 | 0.27 | 0.35 | 0.25 | 0.38 | 0.58 | 0.59 | 0.59 | 0.57 | 0.43 |
|      | 343   | 0.32 | 0.32 | 0.31 | 0.32 | 0.32 | 0.35 | 0.51 | 0.53 | 0.55 | 0.39 |
|      | 344   | 0.34 | 0.34 | 0.33 | 0.34 | 0.35 | 0.33 | 0.52 | 0.56 | 0.52 | 0.40 |
|      | 443   | 0.32 | 0.34 | 0.34 | 0.34 | 0.34 | 0.37 | 0.55 | 0.56 | 0.54 | 0.41 |
|      | 444   | 0.28 | 0.32 | 0.33 | 0.33 | 0.32 | 0.54 | 0.55 | 0.51 | 0.40 | 0.40 |
|      | 543   | 0.35 | 0.36 | 0.37 | 0.37 | 0.37 | 0.37 | 0.61 | 0.61 | 0.63 | 0.45 |
|      | 544   | 0.36 | 0.34 | 0.34 | 0.35 | 0.38 | 0.37 | 0.60 | 0.62 | 0.61 | 0.44 |
|      | 643   | 0.33 | 0.33 | 0.33 | 0.32 | 0.33 | 0.32 | 0.52 | 0.52 | 0.48 | 0.39 |
|      | 644   | 0.31 | 0.30 | 0.31 | 0.31 | 0.34 | 0.31 | 0.46 | 0.49 | 0.49 | 0.37 |
|      | 743   | 0.30 | 0.28 | 0.30 | 0.31 | 0.29 | 0.31 | 0.43 | 0.50 | 0.51 | 0.36 |
|      | 744   |      | 0.29 | 0.30 | 0.31 | 0.29 | 0.24 | 0.23 | 0.43 | 0.34 | 0.27 |
|      | 843   | 0.40 | 0.39 | 0.42 | 0.44 | 0.47 | 0.44 | 0.63 | 0.58 | 0.49 | 0.47 |
|      | 844   | 0.41 | 0.39 | 0.39 | 0.42 | 0.44 | 0.44 | 0.62 | 0.59 | 0.56 | 0.47 |
|      | 943   | 0.30 | 0.29 | 0.31 | 0.32 | 0.32 | 0.32 | 0.42 | 0.49 | 0.49 | 0.36 |
|      | 944   | 0.30 | 0.27 | 0.28 | 0.25 | 0.25 | 0.26 | 0.34 | 0.46 | 0.45 | 0.32 |
|      | 13AVE | 0.31 | 0.31 | 0.31 | 0.32 | 0.32 | 0.33 | 0.49 | 0.52 | 0.50 | 0.37 |
|      | 14AVE | 0.33 | 0.32 | 0.33 | 0.33 | 0.34 | 0.37 | 0.49 | 0.53 | 0.50 | 0.39 |
|      | AVE   | 0.32 | 0.31 | 0.32 | 0.32 | 0.33 | 0.35 | 0.49 | 0.52 | 0.50 | 0.38 |

UIP振取量 kg 分換後

| 低CPI区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 131   | 0.79 | 0.84 | 0.90 | 0.90 | 0.97 | 0.99 | 0.97 | 0.97 | 0.96 | 0.94 | 0.95 | 0.96 | 0.95 | 0.93 | 0.93 |
|       | 231   | 0.80 | 0.91 | 0.96 | 0.89 | 0.93 | 1.00 | 0.95 | 1.03 | 1.06 | 1.08 | 1.06 | 1.13 | 0.94 | 0.99 | 0.98 |
|       | 232   | 0.84 | 0.95 | 1.01 | 1.01 | 1.05 | 1.09 | 1.09 | 1.17 | 1.19 | 1.20 | 1.15 | 1.19 | 1.20 | 1.18 | 1.09 |
|       | 331   | 0.81 | 0.98 | 1.08 | 1.10 | 1.04 | 1.12 | 1.16 | 1.16 | 1.11 | 1.26 | 1.30 | 1.32 | 1.33 | 1.33 | 1.15 |
|       | 332   | 0.78 | 0.93 | 1.03 | 0.98 | 1.13 | 1.16 | 1.15 | 1.16 | 1.10 | 1.10 | 1.14 | 1.14 | 0.97 | 1.21 | 1.07 |
|       | 431   | 0.74 | 0.98 | 1.15 | 1.18 | 1.21 | 1.17 | 1.20 | 1.22 | 1.22 | 1.26 | 1.27 | 1.27 | 1.27 | 1.25 | 1.17 |
|       | 432   | 0.53 | 0.84 | 0.79 | 0.98 | 1.02 | 0.88 | 1.02 | 1.04 | 1.10 | 1.13 | 1.16 | 1.18 | 1.10 | 1.18 | 1.00 |
|       | 531   | 0.91 | 1.04 | 1.08 | 1.10 | 1.12 | 1.15 | 1.19 | 1.24 | 1.25 | 1.31 | 1.10 | 1.26 | 1.19 | 1.15 | 1.15 |
|       | 532   | 0.55 | 0.74 | 0.81 | 0.82 | 0.95 | 0.97 | 1.01 | 1.09 | 1.11 | 1.13 | 1.13 | 1.11 | 1.11 | 0.94 | 0.96 |
|       | 621   | 0.81 | 0.84 | 0.89 | 0.88 | 0.85 | 1.08 | 1.23 | 1.22 | 1.24 | 1.30 | 1.32 | 1.36 | 1.43 | 1.44 | 1.14 |
|       | 623   | 0.93 | 0.79 | 0.91 | 1.20 | 1.13 | 1.01 | 1.20 | 1.25 | 1.29 | 1.29 | 1.28 | 1.31 | 1.30 | 1.35 | 1.16 |
|       | 731   | 0.85 | 0.84 | 0.85 | 0.70 | 0.84 | 1.02 | 1.04 | 1.15 | 1.25 | 1.30 | 1.33 | 1.38 | 1.06 | 0.74 | 1.03 |
|       | 831   | 0.48 | 0.71 | 0.81 | 0.90 | 0.98 | 0.96 | 0.96 | 1.09 | 1.04 | 1.11 | 1.18 | 1.20 | 1.18 | 1.23 | 0.99 |
|       | 931   | 0.94 | 0.87 | 0.99 | 1.05 | 1.00 | 1.05 | 1.10 | 1.00 | 1.02 | 0.91 | 1.04 | 1.10 | 1.08 | 1.05 | 1.01 |
|       | 932   | 0.61 | 0.67 | 0.79 | 0.92 | 0.99 | 1.05 | 1.12 | 1.13 | 1.14 | 1.14 | 0.96 | 1.11 | 1.08 | 1.08 | 0.98 |
|       | 031   | 0.78 | 0.84 | 0.91 | 0.95 | 0.98 | 0.91 | 0.99 | 1.00 | 1.05 | 1.01 | 1.02 | 1.06 | 1.20 | 1.09 | 0.98 |
|       | 032   | 0.56 | 0.58 | 0.66 | 0.64 | 0.69 | 0.66 | 0.68 | 0.71 | 0.65 | 0.70 | 0.84 | 0.78 | 0.82 | 0.81 | 0.70 |
|       | 141   | 0.83 | 0.88 | 0.92 | 0.87 | 0.94 | 0.96 | 0.90 | 0.91 | 0.92 | 0.92 | 0.93 | 0.91 | 0.92 | 0.92 | 0.91 |
|       | 142   | 0.79 | 0.76 | 0.86 | 0.88 | 0.73 | 0.81 | 0.70 | 0.67 | 0.70 | 0.62 | 0.69 | 0.67 | 0.52 | 0.31 | 0.69 |
|       | 241   | 0.86 | 1.00 | 1.04 | 1.05 | 1.13 | 1.20 | 1.23 | 1.23 | 1.21 | 1.26 | 1.25 | 1.23 | 1.21 | 1.20 | 1.15 |
|       | 242   | 0.62 | 0.96 | 1.06 | 1.09 | 1.11 | 1.14 | 1.14 | 1.13 | 1.12 | 1.12 | 1.11 | 1.16 | 1.11 | 1.12 | 1.07 |
|       | 341   | 0.80 | 0.91 | 0.97 | 0.95 | 0.94 | 1.02 | 1.05 | 1.09 | 1.07 | 1.08 | 1.07 | 1.08 | 1.04 | 1.06 | 1.01 |
|       | 342   | 0.78 | 0.76 | 0.86 | 0.95 | 1.09 | 1.13 | 1.14 | 1.09 | 0.90 | 1.12 | 1.16 | 1.08 | 0.91 | 0.96 | 0.99 |
|       | 441   | 0.80 | 1.04 | 0.95 | 1.02 | 1.01 | 0.99 | 1.05 | 1.10 | 1.14 | 1.18 | 1.19 | 1.21 | 1.18 | 1.17 | 1.07 |
|       | 442   | 0.65 | 0.85 | 0.89 | 0.92 | 0.95 | 0.98 | 0.80 | 1.02 | 1.09 | 1.08 | 1.10 | 1.09 | 1.02 | 1.08 | 0.97 |
|       | 541   | 0.85 | 1.17 | 1.12 | 1.18 | 1.26 | 1.30 | 1.42 | 1.44 | 1.42 | 1.42 | 1.43 | 1.47 | 1.38 | 1.39 | 1.31 |
|       | 542   | 1.01 | 1.07 | 1.09 | 1.16 | 1.19 | 1.20 | 1.08 | 1.17 | 1.24 | 1.28 | 1.27 | 1.34 | 1.36 | 1.35 | 1.20 |
|       | 641   | 0.83 | 0.89 | 0.97 | 1.17 | 1.19 | 1.21 | 1.19 | 1.25 | 1.25 | 1.26 | 1.22 | 1.31 | 1.34 | 1.36 | 1.17 |
|       | 642   | 0.86 | 0.88 | 0.91 | 0.91 | 0.96 | 1.12 | 1.11 | 1.11 | 1.17 | 1.15 | 1.16 | 1.33 | 1.32 | 0.97 | 1.07 |
|       | 741   | 0.40 | 0.83 | 0.84 | 0.91 | 0.89 | 0.89 | 0.88 | 0.99 | 0.98 | 1.25 | 1.20 | 1.30 | 1.31 | 1.33 | 1.00 |
|       | 742   | 0.94 | 1.02 | 1.21 | 1.32 | 1.33 | 1.36 | 1.49 | 1.65 | 1.69 | 1.62 | 1.80 | 1.72 | 1.69 | 1.75 | 1.47 |
|       | 841   | 1.14 | 1.32 | 1.41 | 1.58 | 1.79 | 1.82 | 1.87 | 1.91 | 1.95 | 1.91 | 1.89 | 1.91 | 1.79 | 1.81 | 1.72 |
|       | 842   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|       | 941   | 0.84 | 1.07 | 1.13 | 1.05 | 1.14 | 1.14 | 1.24 | 1.25 | 1.20 | 1.35 | 1.31 | 1.28 | 1.28 | 1.22 | 1.18 |
|       | 942   | 0.69 | 0.81 | 0.91 | 0.88 | 0.86 | 0.92 | 0.89 | 0.86 | 0.87 | 0.91 | 0.90 | 0.89 | 0.86 | 0.87 | 0.86 |
|       | 13AVE | 0.75 | 0.84 | 0.92 | 0.95 | 0.99 | 1.02 | 1.06 | 1.10 | 1.10 | 1.13 | 1.13 | 1.17 | 1.13 | 1.11 | 1.03 |
|       | 14AVE | 0.80 | 0.95 | 1.01 | 1.05 | 1.09 | 1.13 | 1.13 | 1.17 | 1.17 | 1.21 | 1.22 | 1.23 | 1.19 | 1.17 | 1.11 |
|       | AVE   | 0.78 | 0.90 | 0.96 | 1.00 | 1.04 | 1.07 | 1.09 | 1.13 | 1.14 | 1.17 | 1.17 | 1.20 | 1.16 | 1.14 | 1.07 |

| 高CPI区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 132   | 0.67 | 0.75 | 0.77 | 0.86 | 0.90 | 0.96 | 1.03 | 1.08 | 1.12 | 1.13 | 1.17 | 1.00 | 0.98 | 0.95 | 0.95 |
|       | 233   | 0.74 | 0.86 | 0.98 | 1.03 | 0.94 | 0.99 | 1.02 | 1.03 | 1.03 | 1.04 | 1.06 | 1.07 | 1.09 | 1.12 | 1.00 |
|       | 234   | 0.81 | 0.95 | 1.05 | 1.08 | 1.08 | 1.17 | 1.15 | 1.17 | 1.15 | 1.10 | 1.18 | 1.19 | 1.19 | 1.17 | 1.10 |
|       | 333   | 0.99 | 1.05 | 1.10 | 1.20 | 1.28 | 1.33 | 1.34 | 1.37 | 1.34 | 1.38 | 1.36 | 1.39 | 1.32 | 1.35 | 1.27 |
|       | 334   | 0.94 | 1.04 | 1.11 | 1.16 | 1.18 | 0.94 | 1.14 | 1.23 | 1.28 | 1.25 | 1.27 | 1.29 | 1.32 | 1.31 | 1.17 |
|       | 433   | 0.79 | 0.73 | 0.81 | 1.12 | 1.21 | 1.11 | 1.10 | 1.10 | 1.14 | 1.20 | 1.18 | 1.22 | 1.20 | 1.21 | 1.08 |
|       | 434   | 0.71 | 0.98 | 1.01 | 1.03 | 1.15 | 1.10 | 1.05 | 1.07 | 1.12 | 1.18 | 1.17 | 1.20 | 1.25 | 1.17 | 1.08 |
|       | 533   | 0.83 | 0.85 | 0.89 | 1.02 | 1.12 | 1.13 | 1.11 | 1.11 | 1.16 | 1.14 | 1.15 | 1.14 | 1.14 | 1.15 | 1.07 |
|       | 534   | 0.61 | 0.79 | 0.88 | 0.95 | 0.98 | 1.08 | 1.07 | 1.12 | 1.13 | 1.11 | 1.12 | 1.16 | 1.12 | 1.10 | 1.02 |
|       | 622   | 0.84 | 0.93 | 1.02 | 1.07 | 1.11 | 1.09 | 1.16 | 1.21 | 0.92 | 0.90 | 1.03 | 1.19 | 1.09 | 1.16 | 1.05 |
|       | 624   | 0.81 | 0.90 | 1.00 | 1.08 | 1.17 | 1.11 | 1.20 | 1.24 | 1.26 | 1.28 | 1.26 | 1.29 | 1.25 | 1.37 | 1.16 |
|       | 734   | 1.02 | 1.10 | 1.21 | 1.23 | 1.16 | 1.31 | 1.29 | 1.19 | 1.13 | 0.96 | 0.92 | 0.87 | 0.83 | 0.78 | 1.07 |
|       | 832   | 0.36 | 0.51 | 0.57 | 0.62 | 0.61 | 0.77 | 0.87 | 0.91 | 0.85 | 0.89 | 0.87 | 0.90 | 0.90 | 0.87 | 0.75 |
|       | 933   | 1.13 | 1.23 | 1.31 | 1.14 | 1.27 | 1.39 | 1.35 | 1.37 | 1.39 | 1.42 | 1.43 | 1.39 | 1.35 | 1.36 | 1.32 |
|       | 934   | 0.74 | 1.01 | 1.07 | 1.15 | 1.16 | 1.13 | 1.12 | 1.13 | 1.15 | 1.13 | 1.12 | 1.17 | 0.74 | 1.03 | 1.06 |
|       | 033   | 0.98 | 1.00 | 0.88 | 0.98 | 1.04 | 1.04 | 1.23 | 1.14 | 1.21 | 1.23 | 1.36 | 1.32 | 1.41 | 1.33 | 1.15 |
|       | 034   | 0.70 | 0.59 | 0.69 | 0.63 | 0.64 | 0.77 | 0.78 | 0.71 | 0.74 | 0.78 | 0.78 | 0.68 | 0.78 | 0.65 | 0.71 |
|       | 143   | 0.66 | 0.66 | 0.72 | 0.80 | 0.77 | 0.88 | 0.96 | 1.00 | 1.07 | 1.10 | 1.10 | 1.07 | 1.11 | 1.10 | 0.93 |
|       | 144   | 0.78 | 0.84 | 0.89 | 0.91 | 0.90 | 0.98 | 0.93 | 0.89 | 0.95 | 0.99 | 1.06 | 1.03 | 1.01 | 1.11 | 0.95 |
|       | 243   | 0.92 | 1.03 | 1.11 | 1.08 | 0.99 | 1.11 | 1.17 | 1.21 | 1.24 | 1.38 | 1.37 | 1.39 | 1.40 | 1.42 | 1.20 |
|       | 244   | 0.84 | 0.91 | 0.68 | 1.01 | 1.18 | 1.23 | 1.23 | 1.21 | 1.25 | 1.23 | 1.26 | 1.28 | 1.33 | 1.34 | 1.14 |
|       | 343   | 0.93 | 0.97 | 1.03 | 1.08 | 1.09 | 1.16 | 1.19 | 1.16 | 1.22 | 1.26 | 1.23 | 1.23 | 1.26 | 1.25 | 1.15 |
|       | 344   | 0.86 | 0.93 | 1.01 | 1.09 | 1.15 | 1.24 | 1.22 | 1.24 | 1.27 | 1.27 | 1.28 | 1.27 | 1.26 | 1.28 | 1.17 |
|       | 443   | 0.91 | 0.85 | 0.89 | 0.96 | 1.04 | 0.95 | 1.01 | 1.07 | 1.14 | 1.09 | 1.13 | 1.11 | 1.09 | 1.15 | 1.03 |
|       | 444   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|       | 543   | 0.92 | 1.00 | 1.15 | 1.10 | 1.18 | 1.28 | 1.24 | 1.33 | 1.36 | 1.40 | 1.46 | 1.45 | 1.46 | 1.49 | 1.27 |
|       | 544   | 0.76 | 0.87 | 1.06 | 1.03 | 1.12 | 1.21 | 1.25 | 1.32 | 1.39 | 1.40 | 1.40 | 1.41 | 1.41 | 1.39 | 1.22 |
|       | 643   | 0.75 | 0.94 | 0.96 | 1.19 | 1.17 | 1.19 | 1.22 | 1.25 | 1.33 | 1.26 | 1.28 | 1.30 | 1.31 | 1.29 | 1.17 |
|       | 644   | 0.91 | 0.94 | 0.96 | 0.93 | 0.98 | 1.13 | 1.10 | 1.13 | 1.25 | 1.16 | 1.15 | 1.23 | 1.28 | 1.23 | 1.10 |
|       | 743   | 0.83 | 0.98 | 0.99 | 1.04 | 1.14 | 1.04 | 1.19 | 1.25 | 1.23 | 1.06 | 1.30 | 1.39 | 1.36 | 1.28 | 1.15 |
|       | 744   | 0.78 | 0.81 | 0.81 | 0.94 | 0.99 | 0.99 | 1.05 | 1.08 | 1.09 | 1.08 | 1.19 | 1.20 | 1.23 | 1.10 | 1.02 |
|       | 843   | 0.92 | 1.15 | 1.21 | 1.27 | 1.32 | 1.36 | 1.50 | 1.46 | 1.42 | 1.31 | 1.49 | 1.44 | 1.39 | 1.31 | 1.33 |
|       | 844   | 1.04 | 1.14 | 1.25 | 1.26 | 1.32 | 1.43 | 1.70 | 1.67 | 1.56 | 1.54 | 1.50 | 1.38 | 1.26 | 1.16 | 1.37 |
|       | 943   | 0.69 | 0.71 | 0.75 | 0.81 | 0.86 | 0.76 | 0.79 | 0.81 | 0.86 | 0.76 | 0.77 | 0.78 | 0.79 | 0.74 | 0.78 |
|       | 944   | 0.73 | 0.79 | 0.87 | 0.83 | 0.89 | 0.90 | 0.87 | 0.87 | 0.92 | 0.89 | 0.91 | 0.90 | 0.91 | 0.91 | 0.87 |
|       | 13AVE | 0.80 | 0.90 | 0.96 | 1.02 | 1.06 | 1.08 | 1.12 | 1.13 | 1.12 | 1.12 | 1.14 | 1.15 | 1.11 | 1.12 | 1.06 |
|       | 14AVE | 0.84 | 0.91 | 0.96 | 1.02 | 1.06 | 1.11 | 1.15 | 1.17 | 1.21 | 1.19 | 1.23 | 1.23 | 1.23 | 1.21 | 1.11 |
|       | AVE   | 0.82 | 0.91 | 0.96 | 1.02 | 1.06 | 1.10 | 1.14 | 1.15 | 1.17 | 1.16 | 1.18 | 1.19 | 1.17 | 1.17 | 1.08 |

6.基礎体重 kg

| 低CP区 | NO    | 分焼前    | 分焼後    |
|------|-------|--------|--------|
|      |       | 基礎体重   | 基礎体重   |
|      | 131   | 605.00 | 655.67 |
|      | 231   | 534.00 | 528.00 |
|      | 232   | 537.67 | 539.33 |
|      | 331   | 587.30 | 570.70 |
|      | 332   | 643.00 | 594.00 |
|      | 431   | 615.00 | 636.00 |
|      | 432   | 658.00 | 630.00 |
|      | 531   | 680.00 | 725.00 |
|      | 532   | 595.00 | 554.00 |
|      | 621   | 580.30 | 553.70 |
|      | 623   | 559.30 | 546.70 |
|      | 731   | 527.00 | 490.00 |
|      | 831   | 704.00 | 715.00 |
|      | 931   | 544.00 | 526.00 |
|      | 932   | 527.00 | 480.00 |
|      | 031   | 558.40 | 532.50 |
|      | 032   | 559.00 | 497.40 |
|      | 141   | 538.67 | 605.67 |
|      | 142   | 510.00 | 497.67 |
|      | 241   | 571.00 | 581.33 |
|      | 242   | 536.33 | 514.67 |
|      | 341   | 522.00 | 548.00 |
|      | 342   | 628.00 | 605.33 |
|      | 441   | 611.00 | 593.00 |
|      | 442   | 505.00 | 521.00 |
|      | 541   | 593.00 | 582.00 |
|      | 542   | 542.00 | 572.00 |
|      | 641   | 580.30 | 553.70 |
|      | 642   | 559.30 | 546.70 |
|      | 741   | 570.00 | 561.00 |
|      | 742   | 587.00 | 589.00 |
|      | 841   | 669.00 | 648.00 |
|      | 842   | 500.00 | 508.00 |
|      | 941   | 558.00 | 534.00 |
|      | 942   | 526.00 | 489.00 |
|      | 13AVE | 589.06 | 574.94 |
|      | 14AVE | 561.48 | 558.67 |
|      | AVE   | 574.87 | 566.57 |

体重 KG 分焼前

| 低CP区 | NO    | -9     | -8     | -7     | -6     | -5     | -4     | -3     | -2     | -1     | 平均     |
|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      |       |        | 131    | 629.00 | 638.00 | 642.00 | 620.00 | 661.00 | 643.00 | 657.00 |        |
|      | 231   | 535.00 | 540.00 | 548.00 | 555.00 | 562.00 | 564.00 | 580.00 | 584.00 | 586.00 | 561.56 |
|      | 232   | 535.00 | 548.00 | 542.00 | 547.00 | 555.00 | 554.00 | 564.00 | 580.00 | 584.00 | 556.56 |
|      | 331   | 578.00 | 602.00 | 618.00 | 620.00 | 628.00 | 634.00 | 632.00 | 644.00 | 634.00 | 621.11 |
|      | 332   | 644.00 | 652.00 | 664.00 | 668.00 | 662.00 | 666.00 | 674.00 | 668.00 | 654.00 | 661.33 |
|      | 431   | 605.00 | 623.00 | 617.00 | 633.00 | 644.00 | 647.00 | 656.00 | 660.00 | 674.00 | 639.89 |
|      | 432   | 646.00 | 663.00 | 675.00 | 673.00 | 684.00 | 683.00 | 687.00 | 700.00 | 703.00 | 679.33 |
|      | 531   | 680.00 | 692.00 | 700.00 | 722.00 | 724.00 | 728.00 | 734.00 | 738.00 | 756.00 | 719.33 |
|      | 532   | 590.00 | 588.00 | 590.00 | 588.00 | 588.00 | 590.00 | 610.00 | 616.00 | 628.00 | 598.67 |
|      | 621   | 581.00 | 598.00 | 623.00 | 624.00 | 613.00 | 618.00 | 603.00 | 607.00 | 616.00 | 609.22 |
|      | 623   | 566.00 | 576.00 | 587.00 | 596.00 | 605.00 | 608.00 | 620.00 | 609.00 | 617.00 | 598.22 |
|      | 731   | 531.00 | 518.00 | 526.00 | 532.00 | 544.00 | 540.00 | 534.00 | 556.00 | 574.00 | 539.44 |
|      | 831   | 712.00 | 740.00 | 750.00 | 756.00 | 768.00 | 770.00 | 782.00 | 786.00 | 788.00 | 761.33 |
|      | 931   | 528.00 | 534.00 | 546.00 | 558.00 | 558.00 | 567.00 | 570.00 | 585.00 | 595.00 | 560.11 |
|      | 932   | 536.00 | 543.00 | 547.00 | 554.00 | 557.00 | 572.00 | 573.00 | 574.00 | 585.00 | 560.11 |
|      | 031   | 544.00 | 548.00 | 554.00 | 563.00 | 566.00 | 570.00 | 591.00 | 599.00 | 603.00 | 570.89 |
|      | 032   | 558.00 | 560.00 | 571.00 | 581.00 | 587.00 | 584.00 | 582.00 | 595.00 | 599.00 | 579.67 |
|      | 141   | 571.96 | 572.00 | 601.00 | 608.00 | 589.00 | 608.00 | 623.00 | 628.00 | 642.00 | 604.77 |
|      | 142   | 582.00 | 603.00 | 600.00 | 611.00 | 627.00 | 612.00 | 635.00 | 632.00 | 648.00 | 616.67 |
|      | 241   | 576.00 | 583.00 | 588.00 | 590.00 | 587.00 | 596.00 | 606.00 | 613.00 | 614.00 | 594.78 |
|      | 242   | 536.00 | 536.00 | 550.00 | 550.00 | 563.00 | 569.00 | 583.00 | 580.00 | 597.00 | 562.67 |
|      | 341   | 542.00 | 544.00 | 558.00 | 574.00 | 574.00 | 578.00 | 576.00 | 598.00 | 598.00 | 571.33 |
|      | 342   | 628.00 | 644.00 | 648.00 | 654.00 | 656.00 | 666.00 | 664.00 | 668.00 | 668.00 | 655.11 |
|      | 441   | 619.00 | 635.00 | 635.00 | 640.00 | 637.00 | 652.00 | 666.00 | 670.00 | 670.00 | 647.11 |
|      | 442   | 520.00 | 530.00 | 534.00 | 553.00 | 553.00 | 550.00 | 564.00 | 577.00 | 592.00 | 552.56 |
|      | 541   | 580.00 | 570.00 | 590.00 | 608.00 | 614.00 | 616.00 | 634.00 | 640.00 | 644.00 | 610.67 |
|      | 542   | 564.00 | 564.00 | 584.00 | 580.00 | 582.00 | 606.00 | 604.00 | 622.00 | 626.00 | 592.44 |
|      | 641   | 680.00 | 717.00 | 724.00 | 695.00 | 738.00 | 741.00 | 734.00 | 734.00 | 753.00 | 724.00 |
|      | 642   | 620.00 | 639.00 | 630.00 | 591.00 | 614.00 | 606.00 | 610.00 | 627.00 | 630.00 | 618.56 |
|      | 741   | 580.00 | 586.00 | 590.00 | 592.00 | 592.00 | 608.00 | 604.00 | 610.00 | 616.00 | 597.56 |
|      | 742   | 594.00 | 584.00 | 588.00 | 604.00 | 618.00 | 636.00 | 650.00 | 644.00 | 586.00 | 611.56 |
|      | 841   | 669.00 | 670.00 | 676.00 | 676.00 | 684.00 | 684.00 | 684.00 | 700.00 | 680.00 | 680.33 |
|      | 842   | 500.00 | 498.00 | 495.00 | 500.00 | 504.00 | 508.00 | 518.00 | 530.00 | 548.00 | 511.22 |
|      | 941   | 556.00 | 532.00 | 557.50 | 550.00 | 562.50 | 561.50 | 569.00 | 575.00 | 588.50 | 561.33 |
|      | 942   | 543.00 | 552.50 | 552.00 | 556.00 | 552.50 | 555.50 | 578.00 | 577.00 | 597.00 | 562.61 |
|      | 13AVE | 588.12 | 597.82 | 605.88 | 611.18 | 618.00 | 619.88 | 626.41 | 633.82 | 640.24 | 615.71 |
|      | 14AVE | 581.16 | 586.64 | 594.47 | 596.22 | 602.61 | 608.50 | 616.78 | 623.61 | 627.64 | 604.18 |
|      | AVE   | 584.54 | 592.07 | 600.01 | 603.49 | 610.09 | 614.03 | 621.46 | 628.57 | 633.76 | 609.78 |

| 高CP区 | NO    | 分焼前    | 分焼後    |
|------|-------|--------|--------|
|      |       | 基礎体重   | 基礎体重   |
|      | 132   | 494.67 | 489.67 |
|      | 233   | 520.33 | 512.33 |
|      | 234   | 607.33 | 587.33 |
|      | 333   | 602.00 | 620.70 |
|      | 334   | 638.70 | 604.70 |
|      | 433   | 569.00 | 562.00 |
|      | 434   | 641.00 | 629.00 |
|      | 533   | 560.00 | 568.00 |
|      | 534   | 558.00 | 590.00 |
|      | 622   | 533.70 | 534.70 |
|      | 624   | 642.70 | 621.70 |
|      | 734   | 577.00 | 599.00 |
|      | 832   | 568.00 | 560.00 |
|      | 933   | 559.00 | 563.00 |
|      | 934   | 539.00 | 529.00 |
|      | 033   | 621.30 | 629.30 |
|      | 034   | 556.00 | 508.30 |
|      | 143   | 560.67 | 618.17 |
|      | 144   | 555.67 | 576.33 |
|      | 243   | 594.00 | 583.67 |
|      | 244   | 595.00 | 601.33 |
|      | 343   | 622.00 | 644.00 |
|      | 344   | 599.33 | 602.67 |
|      | 443   | 557.00 | 587.00 |
|      | 444   | 555.00 |        |
|      | 543   | 558.00 | 602.00 |
|      | 544   | 582.00 | 597.00 |
|      | 643   | 533.70 | 534.70 |
|      | 644   | 642.70 | 621.70 |
|      | 743   | 517.00 | 527.00 |
|      | 744   | 536.00 | 534.00 |
|      | 843   | 601.00 | 606.00 |
|      | 844   | 581.00 | 618.00 |
|      | 943   | 520.00 | 489.00 |
|      | 944   | 456.00 | 422.00 |
|      | 13AVE | 575.75 | 571.10 |
|      | 14AVE | 564.78 | 574.39 |
|      | AVE   | 570.11 | 572.74 |

| 高CP区 | NO  | -9     | -8       | -7     | -6     | -5     | -4     | -3     | -2     | -1     | 平均     |
|------|-----|--------|----------|--------|--------|--------|--------|--------|--------|--------|--------|
|      |     |        | 132      | 501.00 | 500.00 | 522.00 | 517.00 | 530.00 | 545.00 | 543.00 |        |
|      | 233 | 530.00 | 532.00   | 543.00 | 552.00 | 562.00 | 569.00 | 575.00 | 576.00 | 573.00 | 556.89 |
|      | 234 | 615.00 | 616.00   | 627.00 | 626.00 | 619.00 | 624.00 | 632.00 | 647.00 | 640.00 | 627.33 |
|      | 333 | 616.00 | 624.00   | 661.50 | 680.00 | 704.00 | 700.00 | 684.00 | 682.00 | 672.83 | 672.83 |
|      | 334 | 614.00 | 654.00   | 630.00 | 634.00 | 648.00 | 658.00 | 674.00 | 630.00 | 650.00 | 643.56 |
|      | 433 | 576.00 | 585.00   | 598.00 | 589.00 | 600.00 | 610.00 | 617.00 | 625.00 | 620.00 | 602.22 |
|      | 434 | 645.00 | 660.00   | 663.00 | 670.00 | 688.00 | 690.00 | 694.00 | 712.00 | 720.00 | 682.44 |
|      | 533 | 560.00 | 582.00   | 568.00 | 590.00 | 594.00 | 594.00 | 600.00 | 612.00 | 600.00 | 588.89 |
|      | 534 | 554.00 | 558.00   | 562.00 | 570.00 | 586.00 | 586.00 | 588.00 | 594.00 | 620.00 | 579.78 |
|      | 622 | 534.00 | 558.00   | 574.00 | 570.00 | 579.00 | 588.00 | 597.00 | 592.00 | 615.00 | 578.56 |
|      | 624 | 642.00 | 660.00   | 672.00 | 665.00 | 684.00 | 695.00 | 684.00 | 687.00 | 683.00 | 674.67 |
|      | 734 | 578.00 | 576.00   | 590.00 | 600.00 | 608.00 | 616.00 | 628.00 | 632.00 | 656.00 | 609.33 |
|      | 832 | 558.00 | 578.00   | 594.00 | 582.00 | 598.00 | 602.00 | 610.00 | 614.00 | 620.00 | 595.11 |
|      | 933 | 561.00 | 560.00   | 589.00 | 587.00 | 580.00 | 592.00 | 604.00 | 615.00 | 618.00 | 589.56 |
|      | 934 | 540.00 | 556.00   | 556.00 | 568.00 | 572.00 | 575.00 | 574.00 | 580.00 | 592.00 | 568.11 |
|      | 033 | 621.00 | 634.00   | 650.00 | 660.00 | 664.00 | 677.00 | 687.00 | 692.00 | 711.00 | 666.22 |
|      | 034 | 542.00 | 550.00   | 558.00 | 562.00 | 573.00 | 573.00 | 562.00 | 561.00 | 563.00 | 560.44 |
|      | 143 | 502.39 | 498.00   | 527.00 | 536.00 | 546.00 | 558.00 | 570.00 | 562.00 | 574.00 | 541.49 |
|      | 144 | 603.00 | 588.00   | 598.00 | 604.00 | 629.00 | 621.00 | 620.00 | 614.00 | 626.00 | 611.44 |
|      | 243 | 594.00 | 614.00   | 612.00 | 621.00 | 623.00 | 626.00 | 630.00 | 637.00 | 643.00 | 622.22 |
|      | 244 | 595.00 | 613.00   | 619.00 | 628.00 | 630.00 | 658.00 | 655.00 | 667.00 | 693.00 | 639.78 |
|      | 343 | 646.00 | 650.00   | 658.00 | 662.00 | 675.00 | 674.00 | 680.00 | 680.00 | 682.00 | 667.44 |
|      | 344 | 618.00 | 630.00   | 634.00 | 642.00 | 654.00 | 664.00 | 636.00 | 660.00 | 672.00 | 645.56 |
|      | 443 | 568.00 | 588.00   | 584.00 | 603.00 | 618.00 | 620.00 | 621.00 | 643.00 | 646.00 | 610.11 |
|      | 444 | 560.00 | 561.00   | 576.00 | 590.00 | 600.00 | 597.00 | 608.00 | 618.00 | 654.00 | 596.00 |
|      | 543 | 560.00 | 572.00   | 582.00 | 578.00 | 596.00 | 606.00 | 604.00 | 622.00 | 644.00 | 596.00 |
|      | 544 | 583.00 | 582.00   | 590.00 | 602.00 | 606.00 | 614.00 | 624.00 | 636.00 | 642.00 | 608.78 |
|      | 643 | 642.00 | 653.00   | 647.00 | 657.00 | 682.00 | 677.00 | 696.00 | 698.00 | 698.00 | 672.00 |
|      | 644 | 590.00 | 597.00   | 597.00 | 601.00 | 610.00 | 623.00 | 622.00 | 625.00 | 629.00 | 610.44 |
|      | 743 | 538.00 | 540.00   | 542.00 | 544.00 | 556.00 | 548.00 | 530.00 | 548.00 | 592.00 | 548.67 |
|      | 744 | 528.00 | 532.00   | 544.00 | 570.00 | 574.00 | 582.00 | 586.00 | 600.00 | 608.00 | 569.33 |
|      | 843 | 601.00 | 614.00</ |        |        |        |        |        |        |        |        |

体重/基礎体重 % 分焼前

| 低CP区 | NO    | -9     | -8     | -7     | -6     | -5     | -4     | -3     | -2     | -1     | 平均     |
|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | 131   | 103.97 | 105.45 | 106.12 | 102.48 | 109.26 | 106.28 | 108.60 | 111.40 | 113.72 | 107.47 |
|      | 231   | 100.19 | 101.12 | 102.62 | 103.93 | 105.24 | 105.62 | 108.61 | 109.36 | 109.74 | 105.16 |
|      | 232   | 100.00 | 102.43 | 101.31 | 103.24 | 103.74 | 103.55 | 105.42 | 108.41 | 109.16 | 104.14 |
|      | 331   | 98.42  | 102.50 | 105.23 | 105.57 | 106.93 | 107.95 | 107.61 | 109.65 | 107.95 | 105.76 |
|      | 332   | 100.16 | 101.40 | 103.27 | 103.89 | 102.95 | 103.58 | 104.82 | 103.89 | 101.71 | 102.85 |
|      | 431   | 98.37  | 101.30 | 100.33 | 102.93 | 104.72 | 105.20 | 106.67 | 107.32 | 109.59 | 104.05 |
|      | 432   | 98.18  | 100.76 | 102.58 | 102.28 | 103.95 | 103.80 | 104.41 | 106.38 | 106.84 | 103.24 |
|      | 531   | 100.00 | 101.76 | 102.94 | 106.18 | 106.47 | 107.06 | 107.94 | 108.53 | 111.18 | 105.78 |
|      | 532   | 99.16  | 98.82  | 99.16  | 98.82  | 98.82  | 99.16  | 102.52 | 103.53 | 105.55 | 100.62 |
|      | 621   | 100.12 | 103.05 | 107.36 | 107.53 | 105.64 | 106.50 | 103.91 | 104.60 | 106.15 | 104.98 |
|      | 623   | 101.20 | 102.99 | 104.95 | 106.56 | 108.17 | 108.71 | 110.85 | 108.89 | 110.32 | 106.96 |
|      | 731   |        | 98.29  | 99.81  | 100.95 | 103.23 | 102.47 | 101.33 | 105.50 | 108.92 | 91.17  |
|      | 831   | 101.14 | 105.11 | 106.53 | 107.39 | 109.09 | 109.38 | 111.08 | 111.65 | 111.93 | 108.14 |
|      | 931   | 97.06  | 98.16  | 100.37 | 102.57 | 102.57 | 104.23 | 104.78 | 107.54 | 109.38 | 102.96 |
|      | 932   | 101.71 | 103.04 | 103.80 | 105.12 | 105.69 | 108.54 | 108.73 | 108.92 | 111.01 | 106.28 |
|      | 031   | 97.42  | 98.14  | 99.21  | 100.82 | 101.36 | 102.08 | 105.84 | 107.27 | 107.99 | 102.24 |
|      | 032   | 99.82  | 100.18 | 102.15 | 103.94 | 105.01 | 104.47 | 104.11 | 106.44 | 107.16 | 103.70 |
|      | 141   | 106.18 | 106.19 | 111.57 | 112.87 | 109.34 | 112.87 | 115.66 | 116.58 | 119.18 | 112.27 |
|      | 142   | 114.12 | 118.24 | 117.65 | 119.80 | 122.94 | 120.00 | 124.51 | 123.92 | 127.06 | 120.92 |
|      | 241   | 100.88 | 102.80 | 102.98 | 103.33 | 102.80 | 104.38 | 106.13 | 107.36 | 107.53 | 104.24 |
|      | 242   | 99.94  | 99.94  | 102.55 | 102.55 | 104.97 | 106.09 | 108.70 | 108.14 | 111.31 | 104.91 |
|      | 341   | 103.83 | 104.21 | 106.90 | 109.96 | 109.96 | 110.73 | 110.34 | 114.56 | 114.56 | 109.45 |
|      | 342   | 100.00 | 102.55 | 103.18 | 104.14 | 104.46 | 106.05 | 105.73 | 106.37 | 106.37 | 104.32 |
|      | 441   | 101.31 | 103.93 | 103.93 | 104.75 | 104.26 | 106.71 | 109.00 | 109.66 | 109.66 | 105.91 |
|      | 442   | 102.97 | 104.95 | 105.74 | 109.50 | 109.50 | 108.91 | 111.68 | 114.26 | 117.23 | 109.42 |
|      | 541   | 97.81  | 96.12  | 99.49  | 102.53 | 103.54 | 103.88 | 106.91 | 107.93 | 108.60 | 102.98 |
|      | 542   | 104.06 | 104.06 | 107.75 | 107.01 | 107.38 | 111.81 | 111.44 | 114.76 | 115.50 | 109.31 |
|      | 641   | 100.04 | 105.49 | 106.52 | 102.25 | 108.58 | 109.02 | 107.99 | 107.99 | 110.78 | 106.52 |
|      | 642   | 105.75 | 108.99 | 107.45 | 100.80 | 104.72 | 103.36 | 104.04 | 106.94 | 107.45 | 105.50 |
|      | 741   | 101.75 | 102.81 | 103.51 | 103.86 | 103.86 | 106.67 | 105.96 | 107.02 | 108.07 | 104.83 |
|      | 742   | 101.19 | 99.49  | 100.17 | 102.90 | 105.28 | 108.35 | 110.73 | 109.71 | 99.83  | 104.18 |
|      | 841   | 100.00 | 100.15 | 101.05 | 101.05 | 102.24 | 102.24 | 102.24 | 104.63 | 101.64 | 101.69 |
|      | 842   | 100.00 | 99.60  | 99.00  | 100.00 | 100.80 | 101.60 | 103.60 | 106.00 | 109.60 | 102.24 |
|      | 941   | 99.64  | 95.34  | 99.91  | 98.57  | 100.81 | 100.63 | 101.97 | 103.05 | 105.47 | 100.60 |
|      | 942   | 103.23 | 105.04 | 104.94 | 105.70 | 105.04 | 105.61 | 109.89 | 109.70 | 113.50 | 106.96 |
|      | 13AVE | 99.81  | 101.44 | 102.81 | 103.78 | 104.87 | 105.21 | 106.31 | 107.60 | 108.72 | 103.85 |
|      | 14AVE | 102.37 | 103.33 | 104.68 | 105.09 | 106.14 | 107.16 | 108.70 | 109.92 | 110.74 | 106.46 |
|      | AVE   | 101.17 | 102.41 | 103.77 | 104.45 | 105.52 | 106.21 | 107.54 | 108.80 | 109.76 | 105.19 |

| 高CP区 | NO    | -9     | -8     | -7     | -6     | -5     | -4     | -3     | -2     | -1     | 平均     |
|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | 132   | 101.28 | 101.08 | 105.53 | 104.51 | 107.14 | 110.18 | 109.77 | 109.37 | 111.19 | 106.67 |
|      | 233   | 101.86 | 102.24 | 104.36 | 106.09 | 108.01 | 109.35 | 110.51 | 110.70 | 110.12 | 107.03 |
|      | 234   | 101.26 | 101.43 | 103.24 | 103.07 | 101.92 | 102.74 | 104.06 | 106.53 | 105.38 | 103.29 |
|      | 333   | 102.33 | 103.65 | 109.88 | 112.96 | 116.94 | 116.28 | 116.94 | 113.62 | 113.29 | 111.77 |
|      | 334   | 96.13  | 102.40 | 98.64  | 99.26  | 101.46 | 103.02 | 105.53 | 98.64  | 101.77 | 100.76 |
|      | 433   |        | 102.81 | 105.10 | 103.51 | 105.45 | 107.21 | 108.44 | 109.84 | 108.96 | 94.59  |
|      | 434   | 100.62 | 102.96 | 103.43 | 104.52 | 107.33 | 107.64 | 108.27 | 111.08 | 112.32 | 106.47 |
|      | 533   | 100.00 | 103.93 | 101.43 | 105.36 | 106.07 | 106.07 | 107.14 | 109.29 | 107.14 | 105.16 |
|      | 534   | 99.28  | 100.00 | 100.72 | 102.15 | 105.02 | 105.02 | 105.38 | 106.45 | 111.11 | 103.90 |
|      | 622   | 100.06 | 104.55 | 107.55 | 106.80 | 108.49 | 110.17 | 111.86 | 110.92 | 115.23 | 108.40 |
|      | 624   | 99.89  | 102.69 | 104.56 | 103.47 | 106.43 | 108.14 | 106.43 | 106.89 | 106.27 | 104.97 |
|      | 734   | 100.17 | 99.83  | 102.25 | 103.99 | 105.37 | 106.76 | 108.84 | 109.53 | 113.69 | 105.60 |
|      | 832   | 98.24  | 101.76 | 104.58 | 102.46 | 105.28 | 105.99 | 107.39 | 108.10 | 109.15 | 104.77 |
|      | 933   | 100.36 | 100.18 | 105.37 | 105.01 | 103.76 | 105.90 | 108.05 | 110.02 | 110.55 | 105.47 |
|      | 934   | 100.19 | 103.15 | 103.15 | 105.38 | 106.12 | 106.68 | 106.49 | 107.61 | 109.83 | 105.40 |
|      | 033   | 99.95  | 102.04 | 104.62 | 106.23 | 106.87 | 108.97 | 110.57 | 111.38 | 114.44 | 107.23 |
|      | 034   | 97.48  | 98.92  | 100.36 | 101.08 | 103.06 | 103.06 | 101.08 | 100.90 | 101.26 | 100.80 |
|      | 143   | 89.61  | 88.82  | 94.00  | 95.60  | 97.38  | 99.52  | 101.66 | 100.24 | 102.38 | 96.58  |
|      | 144   | 108.52 | 105.82 | 107.62 | 108.70 | 113.20 | 111.76 | 111.58 | 110.50 | 112.66 | 110.04 |
|      | 243   | 100.00 | 103.37 | 103.03 | 104.55 | 104.88 | 105.39 | 106.06 | 107.24 | 108.25 | 104.75 |
|      | 244   | 100.00 | 103.03 | 104.03 | 105.55 | 105.88 | 110.59 | 110.08 | 112.10 | 116.47 | 107.53 |
|      | 343   | 103.86 | 104.50 | 105.79 | 106.43 | 108.52 | 108.36 | 109.32 | 109.32 | 109.65 | 107.31 |
|      | 344   | 103.11 | 105.12 | 105.78 | 107.12 | 109.12 | 110.79 | 106.12 | 110.12 | 112.12 | 107.71 |
|      | 443   | 101.97 | 105.57 | 104.85 | 108.26 | 110.95 | 111.31 | 111.49 | 115.44 | 115.98 | 109.54 |
|      | 444   | 100.90 | 101.08 | 103.78 | 106.31 | 108.11 | 107.57 | 109.55 | 111.35 | 117.84 | 107.39 |
|      | 543   | 100.36 | 102.51 | 104.30 | 103.58 | 106.81 | 108.60 | 108.24 | 111.47 | 115.41 | 106.81 |
|      | 544   | 100.17 | 100.00 | 101.37 | 103.44 | 104.12 | 105.50 | 107.22 | 109.28 | 110.31 | 104.60 |
|      | 643   | 104.05 | 105.83 | 104.86 | 106.48 | 110.53 | 109.72 | 112.80 | 112.80 | 113.13 | 108.91 |
|      | 644   | 104.98 | 106.23 | 106.23 | 106.94 | 108.54 | 110.85 | 110.68 | 111.21 | 111.92 | 108.62 |
|      | 743   | 104.06 | 104.45 | 104.84 | 105.22 | 107.54 | 106.00 | 102.51 | 106.00 | 114.51 | 106.13 |
|      | 744   | 98.51  | 99.25  | 101.49 | 106.34 | 107.09 | 108.58 | 109.33 | 111.94 | 113.43 | 106.22 |
|      | 843   | 100.00 | 102.16 | 103.16 | 105.49 | 107.15 | 108.15 | 109.82 | 110.48 | 113.14 | 106.62 |
|      | 844   | 100.00 | 103.61 | 105.34 | 106.71 | 107.75 | 109.81 | 112.22 | 113.94 | 117.38 | 108.53 |
|      | 943   | 101.13 | 101.92 | 102.12 | 103.94 | 105.29 | 107.31 | 108.46 | 107.21 | 107.69 | 105.01 |
|      | 944   | 96.36  | 99.67  | 100.00 | 100.44 | 100.99 | 100.77 | 103.40 | 106.36 | 111.18 | 102.13 |
|      | 13AVE | 99.94  | 101.98 | 103.81 | 104.46 | 106.16 | 107.25 | 108.04 | 108.29 | 109.51 | 104.84 |
|      | 14AVE | 100.98 | 102.39 | 103.48 | 105.06 | 106.88 | 107.81 | 108.36 | 109.83 | 112.41 | 106.36 |
|      | AVE   | 100.49 | 102.19 | 103.64 | 104.77 | 106.53 | 107.54 | 108.21 | 109.08 | 111.01 | 105.62 |

BCS 分焼前

| 低CP区 | NO    | -9   | -8   | -7   | -6   | -5   | -4   | -3   | -2   | -1   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|
|      | 131   | 3.25 | 3.25 | 3.25 | 3.25 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.39 |
|      | 231   | 3.25 | 3.25 | 3.50 | 3.50 | 3.50 | 3.50 | 3.75 | 3.75 | 3.75 | 3.53 |
|      | 232   |      | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 4.00 | 4.00 | 4.00 | 3.42 |
|      | 331   | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 |
|      | 332   | 3.25 | 3.50 | 3.50 | 3.25 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.44 |
|      | 431   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 |
|      | 432   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 |
|      | 531   | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.17 |
|      | 532   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.03 |
|      | 621   | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.00 | 3.00 | 3.11 |
|      | 623   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 |
|      | 731   |      | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 2.50 |
|      | 831   | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 |
|      | 931   |      | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.11 |
|      | 932   |      | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 2.89 |
|      | 031   | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 |
|      | 032   | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 |
|      | 141   | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 |
|      | 142   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 |
|      | 241   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.50 | 3.50 | 3.50 | 3.33 |
|      | 242   | 3.25 | 3.25 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.44 |
|      | 341   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 |
|      | 342   | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 |
|      | 441   | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 |
|      | 442   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
|      | 541   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 |
|      | 542   | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 |
|      | 641   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.50 | 3.50 | 3.50 | 3.50 | 3.36 |
|      | 642   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
|      | 741   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.75 | 2.75 | 2.94 |
|      | 742   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.08 |
|      | 841   | 3.50 | 3.50 | 3.50 | 3.50 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.36 |
|      | 842   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.50 | 3.50 | 3.31 |
|      | 941   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 |
|      | 942   | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.75 | 3.75 | 3.75 | 3.58 |
|      | 13AVE | 3.27 | 3.29 | 3.31 | 3.32 | 3.35 | 3.35 | 3.38 | 3.38 | 3.40 | 3.25 |
|      | 14AVE | 3.28 | 3.28 | 3.29 | 3.29 | 3.28 | 3.29 | 3.33 | 3.33 | 3.33 | 3.30 |
|      | AVE   | 3.27 | 3.29 | 3.30 | 3.31 | 3.31 | 3.32 | 3.36 | 3.36 | 3.36 | 3.28 |

| 高CP区 | NO    | -9   | -8   | -7   | -6   | -5   | -4   | -3   | -2   | -1   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|
|      | 132   | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 |
|      | 233   | 3.25 | 3.25 | 3.25 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.42 |
|      | 234   | 3.75 | 3.75 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 3.94 |
|      | 333   | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 |
|      | 334   | 3.50 | 3.50 | 3.75 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.53 |
|      | 433   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
|      | 434   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 |
|      | 533   | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.14 |
|      | 534   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.03 |
|      | 622   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 |
|      | 624   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 |
|      | 734   | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 |
|      | 832   | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 |
|      | 933   |      | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.11 |
|      | 934   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.06 |
|      | 033   | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 |
|      | 034   |      | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.11 |
|      | 143   | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 |
|      | 144   | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.50 | 3.50 | 3.69 |
|      | 243   | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.75 | 3.75 | 3.56 |
|      | 244   | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.75 | 3.75 | 3.75 | 3.75 | 3.61 |
|      | 343   | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 | 3.75 |
|      | 344   | 3.50 | 3.50 | 3.75 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.53 |
|      | 443   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 |
|      | 444   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 |
|      | 543   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.50 | 3.50 | 3.50 | 3.33 |
|      | 544   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.06 |
|      | 643   | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.50 | 3.50 | 3.50 | 3.25 |
|      | 644   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.11 |
|      | 743   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 3.00 | 2.92 |
|      | 744   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
|      | 843   | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.25 | 3.25 | 3.25 | 3.42 |
|      | 844   | 3.25 | 3.25 | 3.25 | 3.25 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.22 |
|      | 943   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 |
|      | 944   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 |
|      | 13AVE | 3.28 | 3.31 | 3.34 | 3.34 | 3.35 | 3.35 | 3.35 | 3.37 | 3.38 | 3.30 |
|      | 14AVE | 3.33 | 3.33 | 3.35 | 3.35 | 3.33 | 3.36 | 3.38 | 3.39 | 3.40 | 3.36 |
|      | AVE   | 3.31 | 3.32 | 3.34 | 3.34 | 3.34 | 3.36 | 3.36 | 3.38 | 3.39 | 3.33 |

体重 KG 分焼後

| 低CP区 | NO    | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 平均     |
|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | 131   | 618.00 | 618.00 | 620.00 | 618.00 | 631.00 | 620.00 | 610.00 | 609.00 | 635.00 | 611.00 | 640.00 | 664.00 | 642.00 | 628.00 | 626.00 |
|      | 231   | 499.00 | 493.00 | 500.00 | 502.00 | 487.00 | 492.00 | 486.00 | 492.00 | 493.00 | 490.00 | 499.00 | 501.00 | 501.00 | 502.00 | 495.50 |
|      | 232   | 504.00 | 495.00 | 501.00 | 492.00 | 489.00 | 493.00 | 502.00 | 504.00 | 505.00 | 512.00 | 518.00 | 514.00 | 523.00 | 520.00 | 505.14 |
|      | 331   | 572.00 | 560.00 | 570.00 | 570.00 | 598.00 | 586.00 | 582.00 | 580.00 | 592.00 | 582.00 | 586.00 | 592.00 | 594.00 | 598.00 | 583.00 |
|      | 332   | 592.00 | 588.00 | 582.00 | 568.00 | 574.00 | 586.00 | 574.00 | 582.00 | 584.00 | 610.00 | 608.00 | 616.00 | 598.00 | 639.00 | 592.93 |
|      | 431   | 593.00 | 569.00 | 560.00 | 566.00 | 565.00 | 557.00 | 574.00 | 573.00 | 573.00 | 570.00 | 579.00 | 594.00 | 610.00 | 626.00 | 579.21 |
|      | 432   | 621.00 | 577.00 | 574.00 | 594.00 | 573.00 | 561.00 | 572.00 | 563.00 | 547.00 | 565.00 | 575.00 | 588.00 | 600.00 | 586.00 | 578.29 |
|      | 531   | 674.00 | 662.00 | 670.00 | 654.00 | 646.00 | 648.00 | 630.00 | 628.00 | 628.00 | 644.00 | 640.00 | 638.00 | 646.00 | 654.00 | 647.29 |
|      | 532   | 530.00 | 512.00 | 510.00 | 500.00 | 480.00 | 482.00 | 496.00 | 490.00 | 490.00 | 502.00 | 512.00 | 492.00 | 500.00 | 486.00 | 498.71 |
|      | 621   | 543.00 | 530.00 | 517.00 | 519.00 | 520.00 | 522.00 | 534.00 | 536.00 | 560.00 | 561.00 | 578.00 | 578.00 | 578.00 | 586.00 | 546.00 |
|      | 623   | 540.00 | 536.00 | 522.00 | 542.00 | 526.00 | 529.00 | 531.00 | 544.00 | 545.00 | 540.00 | 546.00 | 545.00 | 550.00 | 555.00 | 539.36 |
|      | 731   | 470.00 | 482.00 | 488.00 | 477.00 | 492.00 | 498.00 | 504.00 | 502.00 | 516.00 | 524.00 | 526.00 | 546.00 | 542.00 | 530.00 | 506.93 |
|      | 831   | 700.00 | 682.00 | 690.00 | 698.00 | 714.00 | 712.00 | 716.00 | 710.00 | 722.00 | 724.00 | 722.00 | 734.00 | 746.00 | 748.00 | 715.57 |
|      | 931   | 531.00 | 489.00 | 496.00 | 497.00 | 487.00 | 510.00 | 482.00 | 513.00 | 475.00 | 500.00 | 489.00 | 481.00 | 495.00 | 509.00 | 496.71 |
|      | 932   | 460.00 | 443.00 | 435.00 | 451.00 | 445.00 | 450.00 | 457.00 | 473.00 | 469.00 | 485.00 | 454.00 | 491.00 | 479.00 | 479.00 | 462.21 |
|      | 031   | 538.00 | 504.00 | 499.00 | 480.00 | 484.00 | 491.00 | 500.00 | 497.00 | 501.00 | 495.00 | 501.00 | 505.00 | 505.00 | 505.00 | 500.36 |
|      | 032   | 511.00 | 506.00 | 491.00 | 496.00 | 487.00 | 490.00 | 505.00 | 486.00 | 507.00 | 510.00 | 524.00 | 511.00 | 516.00 | 524.00 | 504.57 |
|      | 141   | 580.00 | 558.00 | 559.00 | 560.00 | 534.00 | 546.00 | 557.00 | 555.00 | 557.00 | 556.00 | 564.00 | 567.00 | 571.00 | 564.00 | 559.14 |
|      | 142   | 524.00 | 564.00 | 564.00 | 545.00 | 561.00 | 555.00 | 547.00 | 520.00 | 548.00 | 544.00 | 554.00 | 547.00 | 498.00 | 500.00 | 540.79 |
|      | 241   | 554.00 | 551.00 | 543.00 | 557.00 | 556.00 | 555.00 | 565.00 | 564.00 | 575.00 | 585.00 | 602.00 | 593.00 | 606.00 | 610.00 | 572.57 |
|      | 242   | 482.00 | 473.00 | 483.00 | 490.00 | 485.00 | 496.00 | 504.00 | 506.00 | 505.00 | 502.00 | 500.00 | 500.00 | 514.00 | 503.00 | 495.93 |
|      | 341   | 528.00 | 500.00 | 495.00 | 497.00 | 497.00 | 487.00 | 490.00 | 508.00 | 500.00 | 500.00 | 516.00 | 497.00 | 502.00 | 506.00 | 501.64 |
|      | 342   | 592.00 | 584.00 | 569.00 | 564.00 | 578.00 | 590.00 | 584.00 | 578.00 | 576.00 | 568.00 | 588.00 | 598.00 | 602.00 | 620.00 | 585.07 |
|      | 441   | 572.00 | 546.00 | 548.00 | 547.00 | 548.00 | 549.00 | 569.00 | 546.00 | 567.00 | 583.00 | 570.00 | 564.00 | 565.00 | 575.00 | 560.64 |
|      | 442   | 493.00 | 471.00 | 471.00 | 481.00 | 472.00 | 475.00 | 476.00 | 476.00 | 475.00 | 494.00 | 475.00 | 493.00 | 506.00 | 498.00 | 482.57 |
|      | 541   | 552.00 | 534.00 | 540.00 | 534.00 | 548.00 | 542.00 | 552.00 | 540.00 | 544.00 | 558.00 | 550.00 | 552.00 | 562.00 | 564.00 | 548.00 |
|      | 542   | 552.00 | 560.00 | 556.00 | 552.00 | 538.00 | 542.00 | 534.00 | 544.00 | 540.00 | 530.00 | 520.00 | 526.00 | 526.00 | 530.00 | 539.29 |
|      | 641   | 660.00 | 635.00 | 639.00 | 650.00 | 660.00 | 659.00 | 655.00 | 665.00 | 670.00 | 662.00 | 660.00 | 670.00 | 682.00 | 678.00 | 660.36 |
|      | 642   | 572.00 | 558.00 | 529.00 | 535.00 | 540.00 | 540.00 | 544.00 | 547.00 | 543.00 | 547.00 | 550.00 | 562.00 | 557.00 | 550.00 | 548.14 |
|      | 741   | 544.00 | 508.00 | 538.00 | 548.00 | 544.00 | 554.00 | 560.00 | 566.00 | 588.00 | 570.00 | 600.00 | 602.00 | 602.00 | 600.00 | 566.00 |
|      | 742   | 570.00 | 532.00 | 526.00 | 536.00 | 536.00 | 530.00 | 548.00 | 554.00 | 560.00 | 560.00 | 588.00 | 568.00 | 568.00 | 578.00 | 553.86 |
|      | 841   | 638.00 | 622.00 | 628.00 | 628.00 | 628.00 | 629.00 | 630.00 | 650.00 | 640.00 | 670.00 | 662.00 | 656.00 | 660.00 | 670.00 | 643.64 |
|      | 842   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      | 941   | 526.00 | 516.00 | 520.50 | 518.00 | 521.00 | 515.00 | 525.00 | 527.00 | 535.00 | 540.00 | 535.00 | 520.00 | 527.00 | 530.00 | 525.39 |
|      | 942   | 542.00 | 526.00 | 505.00 | 487.00 | 489.00 | 483.00 | 497.00 | 502.00 | 506.00 | 508.00 | 510.00 | 508.00 | 511.00 | 515.00 | 506.36 |
|      | 13AVE | 558.59 | 543.88 | 542.65 | 542.59 | 541.06 | 542.76 | 544.41 | 546.00 | 549.53 | 554.35 | 557.65 | 564.12 | 566.18 | 569.12 | 551.63 |
|      | 14AVE | 557.71 | 543.41 | 541.97 | 542.88 | 543.24 | 543.94 | 549.24 | 549.88 | 554.85 | 557.47 | 561.41 | 560.18 | 562.29 | 564.18 | 552.32 |
|      | AVE   | 558.15 | 543.65 | 542.31 | 542.74 | 542.15 | 543.35 | 546.82 | 547.94 | 552.09 | 555.91 | 559.53 | 562.15 | 564.24 | 566.65 | 551.98 |

| 高CP区 | NO  | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 平均     |
|------|-----|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | 132 | 480.00 | 465.00 | 469.00 | 463.00 | 459.00 | 460.00 | 447.00 | 460.00 | 461.00 | 465.00 | 459.00 | 450.00 | 500.00 | 480.00 | 465.57 |
|      | 233 | 502.00 | 505.00 | 498.00 | 501.00 | 499.00 | 496.00 | 509.00 | 503.00 | 501.00 | 509.00 | 507.00 | 518.00 | 516.00 | 539.00 | 507.36 |
|      | 234 | 573.00 | 541.00 | 547.00 | 532.00 | 533.00 | 529.00 | 522.00 | 530.00 | 532.00 | 529.00 | 537.00 | 538.00 | 542.00 | 544.00 | 537.79 |
|      | 333 | 602.00 | 594.00 | 596.00 | 628.00 | 626.00 | 634.00 | 658.00 | 650.00 | 650.00 | 650.00 | 656.00 | 666.00 | 670.00 | 658.00 | 634.57 |
|      | 334 | 594.00 | 592.00 | 592.00 | 578.00 | 588.00 | 582.00 | 586.00 | 572.00 | 598.00 | 600.00 | 596.00 | 604.00 | 598.00 | 618.00 | 592.71 |
|      | 433 | 563.00 | 555.00 | 525.00 | 522.00 | 537.00 | 545.00 | 532.00 | 540.00 | 537.00 | 537.00 | 533.00 | 535.00 | 559.00 | 573.00 | 542.36 |
|      | 434 | 598.00 | 605.00 | 590.00 | 582.00 | 569.00 | 572.00 | 564.00 | 572.00 | 577.00 | 577.00 | 587.00 | 605.00 | 590.00 | 591.00 | 583.57 |
|      | 533 | 552.00 | 552.00 | 542.00 | 540.00 | 540.00 | 528.00 | 516.00 | 544.00 | 530.00 | 532.00 | 524.00 | 548.00 | 532.00 | 542.00 | 537.29 |
|      | 534 | 518.00 | 528.00 | 524.00 | 538.00 | 530.00 | 532.00 | 534.00 | 534.00 | 538.00 | 538.00 | 544.00 | 550.00 | 574.00 | 564.00 | 539.00 |
|      | 622 | 535.00 | 536.00 | 521.00 | 525.00 | 521.00 | 524.00 | 522.00 | 530.00 | 523.00 | 523.00 | 538.00 | 530.00 | 543.00 | 547.00 | 529.86 |
|      | 624 | 608.00 | 580.00 | 570.00 | 579.00 | 590.00 | 566.00 | 578.00 | 568.00 | 599.00 | 583.00 | 585.00 | 587.00 | 588.00 | 597.00 | 584.14 |
|      | 734 | 578.00 | 556.00 | 552.00 | 538.00 | 576.00 | 592.00 | 598.00 | 586.00 | 590.00 | 606.00 | 618.00 | 614.00 | 624.00 | 614.00 | 588.71 |
|      | 832 | 520.00 | 488.00 | 480.00 | 510.00 | 518.00 | 514.00 | 518.00 | 538.00 | 534.00 | 524.00 | 540.00 | 532.00 | 558.00 | 548.00 | 523.00 |
|      | 933 | 561.00 | 548.00 | 562.00 | 531.00 | 539.00 | 554.00 | 555.00 | 562.00 | 570.00 | 584.00 | 571.00 | 575.00 | 572.00 | 591.00 | 562.50 |
|      | 934 | 508.00 | 515.00 | 497.00 | 490.00 | 493.00 | 498.00 | 494.00 | 495.00 | 501.00 | 513.00 | 510.00 | 498.00 | 482.00 | 498.00 | 499.43 |
|      | 033 | 636.00 | 605.00 | 597.00 | 590.00 | 596.00 | 584.00 | 553.00 | 580.00 | 605.00 | 600.00 | 625.00 | 614.00 | 615.00 | 618.00 | 601.29 |
|      | 034 | 498.00 | 479.00 | 478.00 | 474.00 | 472.00 | 465.00 | 483.00 | 488.00 | 494.00 | 494.00 | 489.00 | 496.00 | 480.00 | 481.00 | 481.07 |
|      | 143 | 484.00 | 478.00 | 481.00 | 484.00 | 482.00 | 475.00 | 484.00 | 494.00 | 497.00 | 500.00 | 503.00 | 508.00 | 512.00 | 534.00 | 494.00 |
|      | 144 | 566.00 | 540.00 | 515.00 | 521.00 | 510.00 | 516.00 | 482.00 | 510.00 | 500.00 | 510.00 | 521.00 | 521.00 | 536.00 | 520.00 | 519.14 |
|      | 243 | 545.00 | 542.00 | 535.00 | 538.00 | 537.00 | 539.00 | 539.00 | 551.00 | 553.00 | 561.00 | 567.00 | 570.00 | 570.00 | 570.00 | 549.00 |
|      | 244 | 555.00 | 537.00 | 510.00 | 510.00 | 525.00 | 532.00 | 536.00 | 555.00 | 553.00 | 564.00 | 562.00 | 562.00 | 562.00 | 570.00 | 545.21 |
|      | 343 | 618.00 | 598.00 | 576.00 | 570.00 | 570.00 | 570.00 | 562.00 | 556.00 | 558.00 | 560.00 | 568.00 | 562.00 | 566.00 | 570.00 | 571.71 |
|      | 344 | 578.00 | 554.00 | 564.00 | 568.00 | 568.00 | 562.00 | 566.00 | 574.00 | 568.00 | 578.00 | 580.00 | 582.00 | 578.00 | 592.00 | 572.29 |
|      | 443 | 571.00 | 544.00 | 543.00 | 540.00 | 530.00 | 540.00 | 548.00 | 532.00 | 535.00 | 550.00 | 553.00 | 553.00 | 556.00 | 559.00 | 546.71 |
|      | 444 |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      | 543 | 578.00 | 562.00 | 558.00 | 560.00 | 560.00 | 562.00 | 568.00 | 560.00 | 558.00 | 566.00 | 564.00 | 588.00 | 582.00 | 578.00 | 567.43 |
|      | 544 | 554.00 | 554.00 | 562.00 | 560.00 | 560.00 | 554.00 | 556.00 | 558.00 | 554.00 | 564.00 | 570.00 | 558.00 | 560.00 | 576.00 | 560.00 |
|      | 643 | 607.00 | 588.00 | 592.00 | 564.00 | 588.00 | 587.00 | 581.00 | 586.00 | 586.00 | 597.00 | 613.00 | 610.00 | 610.00 | 611.00 | 594.29 |
|      | 644 | 552.00 | 542.00 | 541.00 | 535.00 | 548.00 | 550.00 | 556.00 | 558.00 | 550.00 | 564.00 | 570.00 | 580.00 | 570.00 | 575.00 | 556.50 |

体重/基礎体重 % 分娩後

| 低CP区 | NO    | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 平均     |
|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | 131   | 94.26  | 94.26  | 94.56  | 94.26  | 96.24  | 94.56  | 93.04  | 92.88  | 96.85  | 93.19  | 97.61  | 101.27 | 97.92  | 95.78  | 95.48  |
|      | 231   | 94.51  | 93.37  | 94.70  | 95.08  | 92.23  | 93.18  | 92.05  | 93.18  | 93.37  | 92.80  | 94.51  | 94.89  | 94.89  | 95.08  | 93.85  |
|      | 232   | 93.45  | 91.78  | 92.89  | 91.22  | 90.67  | 91.41  | 93.08  | 93.45  | 93.63  | 94.93  | 96.04  | 95.30  | 96.97  | 96.42  | 93.66  |
|      | 331   | 100.23 | 98.13  | 99.88  | 99.88  | 104.78 | 102.68 | 101.98 | 101.63 | 103.73 | 101.98 | 102.68 | 103.73 | 104.08 | 104.78 | 102.16 |
|      | 332   | 99.66  | 98.99  | 97.98  | 95.62  | 96.63  | 98.65  | 96.63  | 97.98  | 98.32  | 102.69 | 102.36 | 103.70 | 100.67 | 107.58 | 99.82  |
|      | 431   | 93.24  | 89.47  | 88.05  | 88.99  | 88.84  | 87.58  | 90.25  | 90.09  | 90.09  | 89.62  | 91.04  | 93.40  | 95.91  | 98.43  | 91.07  |
|      | 432   | 98.57  | 91.59  | 91.11  | 94.29  | 90.95  | 89.05  | 90.79  | 89.37  | 86.83  | 89.68  | 91.27  | 93.33  | 95.24  | 93.02  | 91.79  |
|      | 531   | 92.97  | 91.31  | 92.41  | 90.21  | 89.10  | 89.38  | 86.90  | 86.62  | 86.62  | 88.83  | 88.28  | 88.00  | 89.10  | 90.21  | 89.28  |
|      | 532   | 95.67  | 92.42  | 92.06  | 90.25  | 86.64  | 87.00  | 89.53  | 88.45  | 88.45  | 90.61  | 92.42  | 88.81  | 90.25  | 87.73  | 90.02  |
|      | 621   | 98.07  | 95.72  | 93.37  | 93.73  | 93.91  | 94.27  | 96.44  | 96.80  | 101.14 | 101.14 | 101.32 | 104.39 | 104.39 | 105.83 | 98.61  |
|      | 623   | 98.77  | 98.04  | 95.48  | 99.14  | 96.21  | 96.76  | 97.13  | 99.51  | 99.69  | 98.77  | 99.87  | 99.69  | 100.60 | 101.52 | 98.66  |
|      | 731   | 95.92  | 98.37  | 99.59  | 97.35  | 100.41 | 101.63 | 102.86 | 102.45 | 105.31 | 106.94 | 107.35 | 111.43 | 110.61 | 108.16 | 103.45 |
|      | 831   | 97.90  | 95.38  | 96.50  | 97.62  | 99.86  | 99.58  | 100.14 | 99.30  | 100.98 | 101.26 | 100.98 | 102.66 | 104.34 | 104.62 | 100.08 |
|      | 931   | 100.95 | 92.97  | 94.30  | 94.49  | 92.59  | 96.96  | 91.63  | 97.53  | 90.30  | 95.06  | 92.97  | 91.44  | 94.11  | 96.77  | 94.43  |
|      | 932   | 95.83  | 92.29  | 90.63  | 93.96  | 92.71  | 93.75  | 95.21  | 98.54  | 97.71  | 101.04 | 94.58  | 102.29 | 99.79  | 99.79  | 96.29  |
|      | 031   | 101.03 | 94.65  | 93.71  | 90.14  | 90.89  | 92.21  | 93.90  | 93.33  | 94.08  | 92.96  | 94.08  | 94.84  | 94.84  | 94.84  | 93.96  |
|      | 032   | 100.53 | 99.55  | 96.60  | 97.58  | 95.81  | 96.40  | 99.35  | 95.61  | 99.74  | 100.33 | 103.09 | 100.53 | 101.51 | 103.09 | 99.27  |
|      | 141   | 95.76  | 92.13  | 92.29  | 92.46  | 88.17  | 90.15  | 91.96  | 91.63  | 91.96  | 91.80  | 93.12  | 93.62  | 94.28  | 93.12  | 92.32  |
|      | 142   | 105.29 | 113.33 | 113.33 | 109.51 | 112.73 | 111.52 | 109.91 | 104.49 | 110.11 | 109.31 | 111.32 | 109.91 | 100.07 | 100.47 | 108.66 |
|      | 241   | 95.30  | 94.78  | 93.41  | 95.81  | 95.64  | 95.47  | 97.19  | 97.02  | 98.91  | 100.63 | 103.56 | 102.01 | 104.24 | 104.93 | 98.49  |
|      | 242   | 93.65  | 91.90  | 93.85  | 95.21  | 94.24  | 96.37  | 97.93  | 98.32  | 98.12  | 97.54  | 97.15  | 97.15  | 99.87  | 97.73  | 96.36  |
|      | 341   | 96.35  | 91.24  | 90.33  | 90.69  | 90.69  | 88.87  | 89.42  | 92.70  | 91.24  | 91.24  | 94.16  | 90.69  | 91.61  | 92.34  | 91.54  |
|      | 342   | 97.80  | 96.48  | 94.00  | 93.17  | 95.48  | 97.47  | 96.48  | 95.48  | 95.15  | 93.83  | 97.14  | 98.79  | 99.45  | 102.42 | 96.65  |
|      | 441   | 96.46  | 92.07  | 92.41  | 92.24  | 92.41  | 92.58  | 95.95  | 92.07  | 95.62  | 98.31  | 96.12  | 95.11  | 95.28  | 96.96  | 94.54  |
|      | 442   | 94.63  | 90.40  | 90.40  | 92.32  | 90.60  | 91.17  | 91.36  | 91.36  | 91.17  | 94.82  | 91.17  | 94.63  | 97.12  | 95.59  | 92.62  |
|      | 541   | 94.85  | 91.75  | 92.78  | 91.75  | 94.16  | 93.13  | 94.85  | 92.78  | 93.47  | 95.88  | 94.50  | 94.85  | 96.56  | 96.91  | 94.16  |
|      | 542   | 96.50  | 97.90  | 97.20  | 96.50  | 94.06  | 94.76  | 93.36  | 95.10  | 94.41  | 92.66  | 90.91  | 91.96  | 91.96  | 92.66  | 94.28  |
|      | 641   | 97.39  | 93.70  | 94.29  | 95.91  | 97.39  | 97.24  | 96.65  | 98.13  | 98.86  | 97.68  | 97.39  | 98.86  | 100.63 | 100.04 | 97.44  |
|      | 642   | 99.60  | 97.16  | 92.11  | 93.16  | 94.03  | 94.03  | 94.72  | 95.25  | 94.55  | 95.25  | 95.77  | 97.86  | 96.99  | 95.77  | 95.45  |
|      | 741   | 95.94  | 89.59  | 94.89  | 96.65  | 95.94  | 97.71  | 98.77  | 99.82  | 103.70 | 100.53 | 105.82 | 106.17 | 106.17 | 105.82 | 99.82  |
|      | 742   | 96.77  | 90.32  | 89.30  | 91.00  | 91.00  | 89.98  | 93.04  | 94.06  | 95.08  | 95.08  | 99.83  | 96.43  | 96.43  | 98.13  | 94.03  |
|      | 841   | 98.46  | 95.99  | 96.91  | 96.91  | 96.91  | 97.07  | 97.22  | 100.31 | 98.77  | 103.40 | 102.16 | 101.23 | 101.85 | 103.40 | 99.33  |
|      | 842   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      | 941   | 98.50  | 96.63  | 97.47  | 97.00  | 97.57  | 96.44  | 98.31  | 98.69  | 100.19 | 101.12 | 100.19 | 97.38  | 98.69  | 99.25  | 98.39  |
|      | 942   | 110.84 | 107.57 | 103.27 | 99.59  | 100.00 | 98.77  | 101.64 | 102.66 | 103.48 | 103.89 | 104.29 | 103.89 | 104.50 | 105.32 | 103.55 |
|      | 13AVE | 97.15  | 94.60  | 94.34  | 94.34  | 94.03  | 94.42  | 94.76  | 95.10  | 95.70  | 96.58  | 97.08  | 98.22  | 98.54  | 99.04  | 95.99  |
|      | 14AVE | 97.89  | 95.47  | 95.19  | 95.29  | 95.35  | 95.45  | 96.40  | 96.46  | 97.34  | 97.82  | 98.51  | 98.27  | 98.57  | 98.87  | 96.92  |
|      | AVE   | 97.52  | 95.04  | 94.77  | 94.81  | 94.69  | 94.93  | 95.58  | 95.78  | 96.52  | 97.20  | 97.80  | 98.24  | 98.56  | 98.96  | 96.46  |

| 高CP区 | NO  | 1      | 2      | 3     | 4     | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 平均     |
|------|-----|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      | 132 | 98.03  | 94.96  | 95.78 | 94.55 | 93.74  | 93.94  | 91.29  | 93.94  | 94.15  | 94.96  | 93.74  | 91.90  | 102.11 | 98.03  | 95.08  |
|      | 233 | 97.98  | 98.57  | 97.20 | 97.79 | 97.40  | 96.81  | 99.35  | 98.18  | 97.79  | 99.35  | 98.96  | 101.11 | 100.72 | 105.20 | 99.03  |
|      | 234 | 97.56  | 92.11  | 93.13 | 90.58 | 90.75  | 90.07  | 88.88  | 90.24  | 90.58  | 90.07  | 91.43  | 91.60  | 92.28  | 92.82  | 91.56  |
|      | 333 | 96.99  | 95.70  | 96.02 | 96.02 | 101.18 | 100.85 | 102.14 | 106.01 | 104.72 | 104.72 | 105.69 | 107.30 | 107.94 | 106.01 | 102.23 |
|      | 334 | 98.23  | 97.90  | 97.90 | 95.58 | 97.24  | 96.25  | 96.91  | 94.59  | 98.89  | 99.22  | 98.56  | 99.88  | 98.89  | 102.20 | 98.02  |
|      | 433 | 100.18 | 98.75  | 93.42 | 92.88 | 95.55  | 96.98  | 94.66  | 96.09  | 95.55  | 95.55  | 94.84  | 95.20  | 99.47  | 101.96 | 96.50  |
|      | 434 | 95.07  | 96.18  | 93.80 | 92.53 | 90.46  | 90.94  | 89.67  | 90.30  | 90.94  | 91.73  | 94.84  | 96.18  | 93.80  | 93.96  | 92.89  |
|      | 533 | 97.18  | 97.18  | 95.42 | 95.07 | 95.07  | 92.96  | 90.85  | 95.77  | 93.31  | 93.66  | 92.25  | 96.48  | 93.66  | 95.42  | 94.59  |
|      | 534 | 87.80  | 89.49  | 88.81 | 91.19 | 89.83  | 90.17  | 90.51  | 90.51  | 91.19  | 91.19  | 92.20  | 93.22  | 97.29  | 95.59  | 91.36  |
|      | 622 | 100.06 | 100.24 | 97.44 | 98.19 | 97.44  | 98.00  | 97.62  | 99.12  | 97.81  | 97.81  | 100.62 | 99.12  | 101.55 | 102.30 | 99.09  |
|      | 624 | 97.80  | 93.29  | 91.68 | 93.13 | 94.90  | 91.04  | 92.97  | 91.36  | 96.35  | 93.78  | 94.10  | 94.42  | 94.58  | 96.03  | 93.96  |
|      | 734 | 96.49  | 92.82  | 92.15 | 89.82 | 96.16  | 98.83  | 99.83  | 97.83  | 98.50  | 101.17 | 103.17 | 102.50 | 104.17 | 102.50 | 98.28  |
|      | 832 | 92.86  | 87.14  | 85.71 | 91.07 | 92.50  | 91.79  | 92.50  | 96.07  | 95.36  | 93.57  | 96.43  | 95.00  | 99.64  | 97.86  | 93.39  |
|      | 933 | 99.64  | 97.34  | 99.82 | 94.32 | 95.74  | 98.40  | 98.58  | 99.82  | 101.24 | 103.73 | 101.42 | 102.13 | 101.60 | 104.97 | 99.91  |
|      | 934 | 96.03  | 97.35  | 93.95 | 92.63 | 93.19  | 94.14  | 93.38  | 93.57  | 94.71  | 96.98  | 96.41  | 94.14  | 91.12  | 94.14  | 94.41  |
|      | 033 | 101.06 | 96.14  | 94.87 | 93.75 | 94.71  | 92.80  | 87.88  | 92.17  | 96.14  | 95.34  | 99.32  | 97.57  | 97.73  | 98.20  | 95.55  |
|      | 034 | 97.97  | 94.24  | 94.04 | 93.25 | 92.86  | 91.48  | 91.48  | 95.02  | 96.01  | 97.19  | 93.25  | 96.20  | 97.58  | 94.43  | 94.64  |
|      | 143 | 78.30  | 77.33  | 77.81 | 78.30 | 77.97  | 76.84  | 78.30  | 79.91  | 80.40  | 80.88  | 81.37  | 82.18  | 82.83  | 86.38  | 79.91  |
|      | 144 | 98.21  | 93.70  | 89.36 | 90.40 | 88.49  | 89.53  | 83.63  | 88.49  | 86.76  | 88.49  | 90.40  | 90.40  | 93.00  | 90.23  | 90.08  |
|      | 243 | 93.38  | 92.86  | 91.66 | 92.18 | 92.00  | 92.35  | 92.35  | 92.35  | 94.40  | 94.75  | 96.12  | 97.14  | 97.66  | 97.66  | 94.06  |
|      | 244 | 92.29  | 89.30  | 84.81 | 84.81 | 87.31  | 88.47  | 89.14  | 92.29  | 91.96  | 93.79  | 93.46  | 93.46  | 93.46  | 94.79  | 90.67  |
|      | 343 | 95.96  | 92.86  | 89.44 | 88.51 | 88.51  | 88.51  | 87.27  | 86.34  | 86.65  | 86.96  | 88.20  | 87.27  | 87.89  | 88.51  | 88.78  |
|      | 344 | 95.91  | 91.92  | 93.58 | 94.25 | 94.25  | 93.25  | 93.92  | 95.24  | 94.25  | 95.91  | 96.24  | 96.57  | 95.91  | 98.23  | 94.96  |
|      | 443 | 97.27  | 92.67  | 92.50 | 91.99 | 90.29  | 91.99  | 93.36  | 90.63  | 91.14  | 93.70  | 94.21  | 94.21  | 94.72  | 95.23  | 93.14  |
|      | 444 |        |        |       |       |        |        |        |        |        |        |        |        |        |        |        |
|      | 543 | 96.01  | 93.36  | 92.69 | 93.02 | 93.36  | 94.35  | 93.02  | 92.69  | 94.02  | 93.69  | 97.67  | 96.68  | 96.01  | 94.26  | 94.26  |
|      | 544 | 92.80  | 92.80  | 94.14 | 93.80 | 93.80  | 92.80  | 93.13  | 93.47  | 92.80  | 94.47  | 95.48  | 93.47  | 93.80  | 96.48  | 93.80  |
|      | 643 | 98.43  | 95.35  | 95.99 | 91.45 | 95.35  | 95.18  | 94.21  | 95.02  | 95.02  | 96.81  | 99.40  | 98.91  | 98.91  | 99.08  | 96.37  |
|      | 644 | 99.00  | 97.20  | 97.02 | 95.95 | 98.28  | 98.64  | 99.71  | 100.07 | 98.64  | 101.15 | 102.22 | 104.02 | 102.22 | 103.12 | 99.80  |
|      | 743 | 92.79  | 92.41  | 91.65 | 94.88 | 96.77  | 97.15  | 99.43  | 102.09 | 102.85 | 97.91  | 103.61 | 105.12 | 107.40 | 107.02 | 99.36  |
|      | 744 | 93.26  | 94.38  | 89.89 | 89.89 | 89.89  | 91.95  | 92.88  | 91.76  | 91.95  | 93.63  | 94.01  | 96.25  | 97.00  | 98.88  | 93.26  |
|      | 843 | 97.03  | 95.71  | 93.40 | 91.09 | 89.11  | 88.45  | 94.72  | 91.42  | 91.42  | 89.77  | 89.44  | 90.43  | 87.46  | 86.80  | 91.16  |
|      | 844 | 93.85  | 92.23  | 91.26 | 90.29 | 92.56  | 90.61  | 99.68  | 95.15  | 93.20  | 93.53  | 94.82  | 91.91  | 94.50  | 92.88  | 93.32  |
|      | 943 | 94.79  | 89.67  | 95.09 | 90.39 | 91.21  | 91.00  | 93.46  | 93.87  | 89.98  | 91.21  | 89.98  | 89.98  | 89.98  |        |        |

BCS 分機後

| 低CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 131   | 3.25 | 3.25 | 3.25 | 3.25 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.00 | 3.00 | 3.11 |
|      | 231   | 3.00 | 3.00 | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 2.88 |
|      | 232   | 3.50 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.13 |
|      | 331   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 |
|      | 332   | 3.25 | 3.00 | 3.25 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.86 |
|      | 431   | 3.25 | 3.00 | 3.00 | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 2.91 |
|      | 432   | 3.25 | 3.00 | 3.00 | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 2.91 |
|      | 531   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.04 |
|      | 532   | 3.00 | 2.75 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.75 | 2.75 | 2.75 | 2.75 | 2.63 |
|      | 621   | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.88 |
|      | 623   | 3.25 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.91 |
|      | 731   | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.93 |
|      | 732   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 831   | 3.50 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.16 |
|      | 931   | 3.00 | 2.75 | 2.75 | 2.75 | 2.50 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 2.79 |
|      | 932   | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 2.71 |
|      | 031   | 3.25 | 3.25 | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.96 |
|      | 032   | 3.25 | 3.25 | 3.25 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.05 |
|      | 141   | 3.25 | 3.00 | 3.00 | 3.00 | 3.25 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 2.96 |
|      | 142   | 3.00 | 3.00 | 2.75 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.59 |
|      | 241   | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.00 |
|      | 242   | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.93 |
|      | 341   | 3.25 | 3.25 | 3.00 | 2.75 | 2.75 | 2.50 | 2.50 | 2.50 | 2.75 | 2.75 | 3.00 | 3.25 | 3.25 | 3.25 | 2.88 |
|      | 342   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.11 |
|      | 441   | 3.25 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.13 |
|      | 442   | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.86 |
|      | 541   | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.89 |
|      | 542   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
|      | 641   | 3.25 | 3.25 | 3.25 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.11 |
|      | 642   | 2.75 | 2.75 | 2.75 | 2.75 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.75 | 2.75 | 2.75 | 2.75 | 2.64 |
|      | 741   | 2.50 | 2.50 | 2.50 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.77 |
|      | 742   | 3.00 | 2.75 | 2.75 | 2.75 | 2.50 | 2.50 | 2.50 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.71 |
|      | 841   | 3.25 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.16 |
|      | 842   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 941   | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.91 |
|      | 942   | 3.50 | 3.25 | 3.25 | 3.25 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.23 |
|      | 13AVE | 3.13 | 2.99 | 2.96 | 2.93 | 2.87 | 2.87 | 2.87 | 2.87 | 2.90 | 2.91 | 2.94 | 3.00 | 3.01 | 3.01 | 2.95 |
|      | 14AVE | 3.06 | 2.94 | 2.88 | 2.85 | 2.82 | 2.81 | 2.87 | 2.87 | 2.93 | 2.94 | 2.99 | 3.03 | 3.04 | 3.04 | 2.93 |
|      | AVE   | 3.10 | 2.96 | 2.92 | 2.89 | 2.85 | 2.84 | 2.87 | 2.87 | 2.91 | 2.93 | 2.96 | 3.01 | 3.03 | 3.03 | 2.94 |

| 高CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 132   | 3.50 | 3.25 | 3.00 | 2.75 | 2.75 | 2.75 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.71 |
|      | 233   | 3.50 | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 2.88 |
|      | 234   | 3.75 | 3.50 | 3.50 | 3.50 | 3.50 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.50 | 3.50 | 3.39 |
|      | 333   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.00 | 3.00 | 3.23 |
|      | 334   | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.00 | 3.25 | 3.00 | 2.75 | 2.75 | 3.14 |
|      | 433   | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 2.82 |
|      | 434   | 3.25 | 3.25 | 3.25 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.11 |
|      | 533   | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.50 | 2.50 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.73 |
|      | 534   | 3.00 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.04 |
|      | 622   | 3.25 | 3.00 | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 2.91 |
|      | 624   | 3.25 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.91 |
|      | 734   | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.66 |
|      | 832   | 3.25 | 3.25 | 3.25 | 3.25 | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.93 |
|      | 933   | 3.25 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.50 | 3.50 | 3.50 | 3.50 | 3.50 | 3.29 |
|      | 934   | 3.25 | 3.25 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.13 |
|      | 033   | 3.50 | 3.50 | 3.50 | 3.50 | 3.25 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.23 |
|      | 034   | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 2.96 |
|      | 143   | 3.25 | 3.50 | 3.25 | 3.25 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 3.00 | 3.25 | 3.05 |
|      | 144   | 3.25 | 3.00 | 2.75 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.25 | 2.25 | 2.25 | 2.50 | 2.50 | 2.50 | 2.57 |
|      | 243   | 3.50 | 3.25 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.00 |
|      | 244   | 3.25 | 3.00 | 2.75 | 2.50 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.91 |
|      | 343   | 3.25 | 3.25 | 3.00 | 3.25 | 2.75 | 2.50 | 2.50 | 2.50 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.25 | 2.86 |
|      | 344   | 3.25 | 3.25 | 3.25 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.00 |
|      | 443   | 3.25 | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 2.91 |
|      | 444   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 543   | 3.25 | 3.25 | 3.25 | 3.25 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.07 |
|      | 544   | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.77 |
|      | 643   | 3.25 | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.02 |
|      | 644   | 3.00 | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 2.96 |
|      | 743   | 2.50 | 2.50 | 2.50 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 2.77 |
|      | 744   | 2.75 | 2.75 | 2.75 | 2.50 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.73 |
|      | 843   | 3.25 | 3.25 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.84 |
|      | 844   | 3.25 | 3.00 | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.70 |
|      | 943   | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 2.80 |
|      | 944   | 3.00 | 2.75 | 2.75 | 2.75 | 2.75 | 3.00 | 3.00 | 3.00 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.25 | 3.04 |
|      | 13AVE | 3.22 | 3.09 | 3.04 | 3.00 | 2.99 | 2.96 | 2.93 | 2.94 | 2.94 | 2.94 | 2.99 | 3.00 | 3.01 | 3.01 | 3.00 |
|      | 14AVE | 3.12 | 3.01 | 2.93 | 2.81 | 2.76 | 2.76 | 2.76 | 2.78 | 2.84 | 2.84 | 2.85 | 2.91 | 2.97 | 3.00 | 2.88 |
|      | AVE   | 3.17 | 3.05 | 2.99 | 2.90 | 2.88 | 2.86 | 2.85 | 2.86 | 2.89 | 2.89 | 2.92 | 2.96 | 2.99 | 3.01 | 2.94 |

7.乳量 KG

| 低CP区 | NO    | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 平均    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 131   | 5.27  | 10.87 | 18.06 | 20.24 | 23.03 | 23.66 | 24.54 | 23.84 | 24.50 | 24.41 | 23.80 | 23.47 | 22.34 | 22.76 | 20.77 |
|      | 231   | 21.99 | 25.44 | 27.74 | 27.69 | 24.24 | 26.57 | 24.23 | 27.26 | 25.10 | 28.40 | 25.56 | 29.04 | 24.69 | 26.40 | 26.03 |
|      | 232   | 16.46 | 17.86 | 21.10 | 19.86 | 22.48 | 20.89 | 23.46 | 21.91 | 22.11 | 22.54 | 22.61 | 22.60 | 21.97 | 20.79 | 21.19 |
|      | 331   | 21.38 | 26.84 | 27.34 | 30.77 | 33.21 | 31.89 | 34.34 | 32.47 | 32.14 | 34.80 | 33.79 | 34.37 | 33.53 | 33.41 | 31.45 |
|      | 332   | 26.37 | 31.41 | 33.14 | 35.56 | 35.37 | 36.00 | 34.95 | 34.20 | 34.06 | 33.73 | 34.83 | 35.40 | 36.21 | 34.31 | 33.97 |
|      | 431   | 19.01 | 22.34 | 26.31 | 26.37 | 27.31 | 28.40 | 28.63 | 27.20 | 26.69 | 25.57 | 25.34 | 26.31 | 25.31 | 26.14 | 25.78 |
|      | 432   | 21.53 | 24.23 | 25.86 | 26.91 | 27.51 | 26.86 | 27.11 | 28.46 | 27.94 | 27.17 | 27.69 | 28.03 | 27.89 | 27.83 | 26.79 |
|      | 531   | 22.97 | 25.79 | 30.90 | 31.34 | 31.16 | 33.93 | 33.10 | 31.97 | 35.70 | 34.21 | 29.69 | 29.57 | 29.89 | 29.66 | 30.71 |
|      | 532   | 25.34 | 28.11 | 30.43 | 33.00 | 33.26 | 36.20 | 34.04 | 35.74 | 36.60 | 36.09 | 35.79 | 35.59 | 34.71 | 29.76 | 33.19 |
|      | 621   | 20.30 | 24.90 | 27.00 | 27.70 | 27.40 | 28.30 | 29.40 | 30.80 | 28.10 | 29.80 | 30.90 | 30.20 | 31.00 | 31.30 | 28.36 |
|      | 623   | 28.00 | 30.10 | 31.60 | 33.30 | 34.40 | 32.70 | 35.50 | 34.50 | 36.10 | 35.30 | 36.30 | 24.80 | 38.10 | 41.70 | 33.74 |
|      | 731   | 22.03 | 24.89 | 26.37 | 25.83 | 27.37 | 26.77 | 26.54 | 27.43 | 28.46 | 28.06 | 27.83 | 28.03 | 27.26 | 23.17 | 26.43 |
|      | 831   | 17.24 | 22.80 | 25.17 | 26.80 | 28.54 | 29.56 | 29.00 | 29.31 | 29.26 | 27.51 | 27.80 | 28.71 | 26.86 | 27.91 | 26.89 |
|      | 931   | 28.64 | 29.94 | 32.17 | 33.33 | 30.54 | 30.34 | 30.71 | 30.87 | 30.81 | 28.71 | 26.11 | 26.87 | 24.43 | 21.81 | 28.95 |
|      | 932   | 18.61 | 21.66 | 24.27 | 26.56 | 27.34 | 28.86 | 29.99 | 28.83 | 30.11 | 29.10 | 23.44 | 23.34 | 23.21 | 25.03 | 25.74 |
|      | 031   | 23.03 | 24.37 | 25.91 | 28.66 | 31.03 | 31.57 | 29.94 | 29.00 | 28.91 | 27.60 | 27.14 | 26.37 | 27.17 | 27.94 | 27.76 |
|      | 032   | 20.10 | 24.43 | 27.83 | 27.03 | 27.91 | 27.49 | 26.60 | 26.34 | 26.89 | 29.94 | 29.34 | 31.60 | 31.20 | 30.34 | 27.65 |
|      | 141   | 18.50 | 22.34 | 23.91 | 25.03 | 25.20 | 24.79 | 24.04 | 24.10 | 23.43 | 23.41 | 22.47 | 21.70 | 21.87 | 21.26 | 23.00 |
|      | 142   | 19.53 | 21.43 | 22.73 | 22.34 | 19.54 | 19.84 | 18.51 | 17.43 | 16.19 | 15.46 | 14.06 | 14.37 | 11.74 | 9.19  | 17.31 |
|      | 241   | 23.53 | 22.81 | 23.13 | 24.31 | 25.64 | 24.99 | 25.74 | 23.26 | 25.03 | 25.43 | 25.64 | 26.63 | 25.84 | 26.56 | 24.90 |
|      | 242   | 26.03 | 27.96 | 28.94 | 29.69 | 30.59 | 31.07 | 31.17 | 31.03 | 29.97 | 29.69 | 24.13 | 27.14 | 26.96 | 27.36 | 28.70 |
|      | 341   | 25.69 | 30.33 | 33.61 | 32.45 | 31.54 | 33.32 | 30.66 | 34.10 | 32.27 | 32.07 | 32.11 | 32.61 | 30.77 | 30.83 | 31.60 |
|      | 342   | 23.48 | 26.93 | 31.40 | 32.20 | 32.73 | 33.24 | 33.46 | 33.76 | 26.59 | 32.56 | 31.73 | 31.63 | 32.54 | 31.10 | 30.95 |
|      | 441   | 23.79 | 24.69 | 27.10 | 28.00 | 28.04 | 27.64 | 25.56 | 28.00 | 28.33 | 29.34 | 29.79 | 29.90 | 28.86 | 27.89 | 27.64 |
|      | 442   | 20.13 | 22.43 | 24.11 | 25.74 | 25.03 | 25.09 | 21.37 | 23.51 | 21.59 | 23.66 | 22.91 | 22.87 | 20.86 | 22.01 | 22.95 |
|      | 541   | 27.51 | 30.79 | 30.69 | 31.64 | 29.64 | 28.93 | 30.61 | 32.24 | 32.51 | 32.66 | 33.27 | 33.31 | 32.77 | 31.79 | 31.31 |
|      | 542   | 26.77 | 30.64 | 33.34 | 35.07 | 35.33 | 35.14 | 32.71 | 34.37 | 34.79 | 34.40 | 34.36 | 32.89 | 33.80 | 32.64 | 33.30 |
|      | 641   | 29.49 | 32.83 | 29.74 | 31.89 | 35.24 | 33.66 | 36.46 | 35.69 | 29.57 | 30.51 | 28.46 | 29.60 | 29.59 | 29.30 | 31.57 |
|      | 642   | 25.00 | 29.10 | 31.91 | 30.09 | 31.66 | 27.51 | 28.66 | 27.91 | 27.93 | 27.29 | 28.96 | 28.89 | 28.67 | 28.09 | 28.69 |
|      | 741   | 14.91 | 18.83 | 22.46 | 24.40 | 24.60 | 26.00 | 26.77 | 27.09 | 28.46 | 28.60 | 26.37 | 28.14 | 27.54 | 29.11 | 25.23 |
|      | 742   | 31.91 | 36.97 | 40.14 | 41.74 | 41.31 | 39.54 | 41.17 | 41.54 | 41.77 | 39.34 | 40.37 | 40.86 | 40.77 | 40.83 | 39.88 |
|      | 841   | 29.50 | 31.40 | 33.50 | 37.10 | 36.70 | 36.30 | 33.10 | 33.90 | 34.30 | 33.30 | 35.20 | 32.20 | 30.10 | 30.30 | 33.35 |
|      | 842   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|      | 941   | 19.74 | 24.59 | 25.91 | 28.74 | 29.73 | 28.46 | 30.14 | 28.39 | 25.94 | 27.86 | 27.84 | 26.03 | 28.36 | 27.94 | 27.12 |
|      | 942   | 21.66 | 27.10 | 28.99 | 28.33 | 28.43 | 27.17 | 27.27 | 25.87 | 23.09 | 24.31 | 22.56 | 22.03 | 20.13 | 21.34 | 24.88 |
|      | 13AVE | 21.07 | 24.47 | 27.13 | 28.29 | 28.95 | 29.41 | 29.53 | 29.42 | 29.62 | 29.58 | 28.70 | 28.49 | 28.57 | 28.25 | 27.96 |
|      | 14AVE | 23.95 | 27.13 | 28.92 | 29.93 | 30.06 | 29.57 | 29.26 | 29.54 | 28.34 | 28.82 | 28.25 | 28.28 | 27.72 | 27.50 | 28.38 |
|      | AVE   | 22.51 | 25.80 | 28.02 | 29.11 | 29.50 | 29.49 | 29.40 | 29.48 | 28.98 | 29.20 | 28.48 | 28.39 | 28.15 | 27.88 | 28.17 |

| 高CP区 | NO  | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 平均    |
|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 132 | 19.97 | 23.24 | 24.61 | 26.50 | 26.91 | 26.87 | 27.37 | 27.27 | 28.99 | 28.44 | 27.71 | 28.24 | 29.21 | 28.87 | 26.73 |
|      | 233 | 15.29 | 15.34 | 20.60 | 19.70 | 20.74 | 21.67 | 21.50 | 21.94 | 23.07 | 22.80 | 22.29 | 23.27 | 24.73 | 23.84 | 21.20 |
|      | 234 | 19.23 | 21.57 | 25.54 | 26.63 | 26.57 | 27.26 | 26.74 | 24.74 | 28.77 | 25.84 | 26.93 | 28.31 | 24.48 | 26.57 | 25.66 |
|      | 333 | 28.24 | 31.70 | 33.60 | 31.77 | 33.81 | 33.09 | 34.67 | 34.88 | 34.11 | 34.37 | 31.06 | 31.20 | 30.71 | 30.97 | 32.44 |
|      | 334 | 27.71 | 33.21 | 35.24 | 36.20 | 36.00 | 31.91 | 35.86 | 35.18 | 35.44 | 35.07 | 35.43 | 35.57 | 36.31 | 36.27 | 34.67 |
|      | 433 | 20.00 | 23.83 | 24.46 | 26.80 | 27.89 | 27.54 | 26.94 | 26.89 | 25.97 | 25.06 | 26.23 | 25.89 | 25.80 | 24.81 | 25.58 |
|      | 434 | 24.20 | 28.14 | 32.09 | 33.54 | 34.37 | 33.09 | 31.49 | 32.77 | 34.34 | 34.69 | 34.29 | 34.57 | 33.94 | 33.63 | 32.51 |
|      | 533 | 27.21 | 31.74 | 35.04 | 35.30 | 36.34 | 36.57 | 36.67 | 33.81 | 36.19 | 33.46 | 35.51 | 34.81 | 34.39 | 34.37 | 34.39 |
|      | 534 | 19.83 | 20.10 | 21.87 | 22.09 | 25.81 | 26.10 | 25.97 | 27.37 | 26.70 | 27.39 | 27.90 | 28.29 | 26.74 | 26.43 | 25.19 |
|      | 622 | 22.60 | 26.90 | 28.50 | 30.20 | 30.80 | 29.90 | 30.50 | 30.80 | 31.00 | 29.30 | 30.50 | 30.10 | 29.50 | 28.10 | 29.19 |
|      | 624 | 25.40 | 29.20 | 30.50 | 30.60 | 31.00 | 32.30 | 32.60 | 31.40 | 29.40 | 29.30 | 30.10 | 32.30 | 30.90 | 31.50 | 30.46 |
|      | 734 | 28.73 | 29.97 | 30.17 | 32.57 | 31.80 | 32.89 | 32.74 | 31.83 | 33.51 | 33.37 | 35.17 | 33.57 | 34.77 | 30.94 | 32.29 |
|      | 832 | 16.46 | 21.40 | 25.74 | 28.69 | 29.94 | 30.89 | 31.60 | 31.60 | 31.06 | 29.89 | 31.33 | 30.40 | 30.94 | 29.54 | 28.53 |
|      | 933 | 24.37 | 28.64 | 31.16 | 26.67 | 30.86 | 32.13 | 29.66 | 30.79 | 29.51 | 32.46 | 32.24 | 31.90 | 30.14 | 30.90 | 30.10 |
|      | 934 | 20.04 | 25.03 | 26.71 | 27.99 | 29.40 | 28.79 | 29.66 | 30.09 | 27.99 | 29.57 | 29.14 | 28.10 | 22.47 | 18.97 | 26.71 |
|      | 033 | 21.60 | 26.11 | 29.63 | 30.03 | 32.00 | 32.77 | 32.69 | 31.77 | 32.86 | 34.26 | 31.17 | 30.91 | 30.66 | 32.14 | 30.61 |
|      | 034 | 22.00 | 24.43 | 24.69 | 25.80 | 26.71 | 25.94 | 25.69 | 26.69 | 29.06 | 28.41 | 29.29 | 28.39 | 29.31 | 30.00 | 26.89 |
|      | 143 | 16.94 | 18.76 | 19.61 | 20.21 | 21.50 | 22.54 | 21.34 | 22.87 | 22.91 | 22.51 | 22.76 | 22.76 | 23.07 | 22.86 | 21.48 |
|      | 144 | 26.73 | 28.67 | 29.66 | 29.96 | 28.37 | 29.01 | 28.84 | 28.44 | 27.91 | 27.60 | 28.00 | 27.21 | 29.01 | 29.21 | 28.47 |
|      | 243 | 25.63 | 27.00 | 32.59 | 32.59 | 28.19 | 31.49 | 31.06 | 31.29 | 31.34 | 31.03 | 31.07 | 28.94 | 30.39 | 31.31 | 30.28 |
|      | 244 | 21.83 | 24.54 | 19.16 | 24.54 | 28.04 | 28.07 | 28.96 | 29.57 | 31.69 | 30.01 | 28.77 | 30.11 | 29.06 | 28.43 | 27.34 |
|      | 343 | 27.51 | 33.95 | 35.18 | 37.80 | 37.98 | 34.50 | 36.48 | 32.63 | 36.06 | 36.18 | 33.71 | 33.86 | 34.17 | 34.30 | 34.59 |
|      | 344 | 29.67 | 32.47 | 35.11 | 36.28 | 35.59 | 35.37 | 35.28 | 37.90 | 37.51 | 37.21 | 35.44 | 36.64 | 35.36 | 35.52 | 35.38 |
|      | 443 | 20.23 | 21.54 | 23.80 | 25.00 | 24.67 | 25.21 | 26.09 | 26.14 | 27.03 | 27.63 | 26.87 | 27.09 | 26.51 | 24.86 | 25.19 |
|      | 444 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|      | 543 | 24.84 | 28.27 | 31.99 | 31.94 | 34.11 | 35.64 | 36.87 | 37.44 | 37.33 | 37.56 | 36.94 | 34.89 | 35.14 | 35.40 | 34.17 |
|      | 544 | 26.87 | 31.94 | 33.69 | 35.81 | 35.73 | 35.69 | 36.71 | 36.16 | 36.34 | 36.73 | 35.60 | 34.46 | 34.79 | 35.63 | 34.73 |
|      | 643 | 28.67 | 32.20 | 29.17 | 34.66 | 32.37 | 35.06 | 33.67 | 31.06 | 31.59 | 32.67 | 31.37 | 31.69 | 31.20 | 31.34 | 31.91 |
|      | 644 | 26.57 | 27.04 | 28.14 | 28.09 | 30.03 | 31.09 | 31.74 | 32.24 | 34.06 | 31.60 | 33.26 | 33.69 | 35.31 | 34.44 | 31.24 |
|      | 743 | 27.31 | 30.94 | 30.17 | 29.06 | 29.97 | 30.60 | 31.00 | 32.71 | 31.49 | 29.49 | 32.40 | 31.71 | 32.66 | 31.57 | 30.79 |
|      | 744 | 24.81 | 28.14 | 28.86 | 31.71 | 32.91 | 33.37 | 34.09 | 33.26 | 33.20 | 32.46 | 32.26 | 32.66 | 32.14 | 32.26 | 31.58 |
|      | 843 | 29.90 | 33.50 | 36.90 | 37.80 | 40.10 | 38.80 | 40.40 | 38.20 | 40.20 | 34.90 | 35.60 | 36.50 | 34.80 | 35.00 | 36.61 |
|      | 844 | 33.70 | 35.60 | 36.40 | 34.70 | 38.00 | 38.10 | 38.30 | 38.30 | 36.60 | 37.50 | 36.70 | 37.30 | 38.50 | 38.70 | 37.03 |
|      | 943 | 25.54 | 27.07 | 28.00 | 28.56 | 29.36 | 24.53 | 25.53 | 26.50 | 26.46 | 27.10 | 24.17 | 25.21 | 23.47 | 22.96 | 26.03 |
|      | 944 | 15.67 | 17.23 | 17.73 | 17.94 | 18.83 | 19.36 | 17.43 | 17.43 | 17.14 | 16.27 | 15.93 | 16.09 |       |       |       |

FCM乳量 KG

| 低CP区 | NO    | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 平均    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 131   | 5.72  | 11.96 | 18.92 | 21.15 | 17.05 | 25.04 | 27.52 | 24.09 | 26.30 | 25.99 | 24.23 | 24.03 | 24.59 | 24.36 | 21.50 |
|      | 231   | 28.87 | 29.03 | 28.39 | 26.12 | 22.01 | 24.39 | 21.46 | 25.44 | 21.40 | 27.98 | 22.57 | 27.22 | 22.47 | 24.14 | 25.11 |
|      | 232   | 21.38 | 21.91 | 23.12 | 22.07 | 26.24 | 23.52 | 27.45 | 24.41 | 26.52 | 25.97 | 27.09 | 27.59 | 26.25 | 24.92 | 24.89 |
|      | 331   | 22.02 | 24.87 | 24.31 | 25.00 | 31.42 | 24.33 | 30.58 | 31.40 | 25.44 | 28.17 | 28.62 | 35.25 | 37.80 | 30.06 | 28.52 |
|      | 332   | 29.49 | 29.05 | 32.39 | 31.74 | 34.10 | 38.59 | 26.67 | 33.35 | 31.30 | 25.03 | 40.21 | 36.41 | 33.89 | 27.93 | 32.15 |
|      | 431   | 23.86 | 26.29 | 28.16 | 28.23 | 28.91 | 31.47 | 30.99 | 29.32 | 30.57 | 28.14 | 27.70 | 30.34 | 27.25 | 32.96 | 28.87 |
|      | 432   | 30.51 | 31.75 | 31.02 | 30.06 | 31.22 | 26.86 | 31.79 | 32.69 | 30.87 | 27.86 | 30.39 | 28.37 | 27.18 | 25.78 | 29.74 |
|      | 531   | 30.96 | 27.92 | 32.38 | 34.63 | 32.52 | 37.44 | 35.58 | 36.14 | 36.99 | 37.90 | 32.81 | 30.32 | 33.07 | 27.66 | 33.31 |
|      | 532   | 26.06 | 29.46 | 35.09 | 31.91 | 32.91 | 33.92 | 32.51 | 32.31 | 33.53 | 30.30 | 29.51 | 30.04 | 41.11 | 26.14 | 31.77 |
|      | 621   | 21.89 | 25.04 | 27.44 | 23.99 | 26.19 | 26.06 | 29.51 | 28.81 | 26.41 | 27.32 | 27.02 | 25.61 | 28.47 | 28.24 | 26.57 |
|      | 623   | 27.16 | 28.19 | 28.68 | 29.84 | 29.95 | 28.43 | 27.28 | 28.82 | 30.48 | 29.23 | 31.47 | 30.25 | 32.84 | 33.17 | 29.70 |
|      | 731   | 21.50 | 25.11 | 25.22 | 26.68 | 24.95 | 24.84 | 23.80 | 25.74 | 25.73 | 25.20 | 25.28 | 24.12 | 23.70 | 22.93 | 24.63 |
|      | 831   | 18.15 | 25.64 | 27.51 | 29.17 | 30.98 | 39.71 | 25.09 | 29.49 | 30.23 | 28.87 | 27.84 | 29.23 | 22.07 | 21.63 | 27.54 |
|      | 931   | 29.91 | 30.14 | 29.32 | 29.25 | 27.00 | 23.75 | 24.60 | 23.48 | 21.31 | 19.00 | 17.77 | 23.70 | 16.76 | 14.91 | 23.64 |
|      | 932   | 19.36 | 20.31 | 21.68 | 22.09 | 22.34 | 23.53 | 25.27 | 23.81 | 24.01 | 23.26 | 23.11 | 21.81 | 20.60 | 21.24 | 22.32 |
|      | 031   | 31.30 | 33.29 | 26.46 | 26.00 | 31.58 | 28.18 | 29.32 | 27.86 | 27.16 | 30.90 | 29.34 | 29.68 | 30.82 | 29.47 | 29.38 |
|      | 032   | 23.73 | 27.17 | 28.79 | 26.58 | 28.78 | 26.74 | 26.04 | 29.39 | 25.93 | 29.37 | 28.24 | 29.73 | 30.61 | 32.06 | 28.08 |
|      | 141   | 20.15 | 27.14 | 27.58 | 25.95 | 25.70 | 25.51 | 23.22 | 24.99 | 23.09 | 22.85 | 22.24 | 21.09 | 20.16 | 20.90 | 23.61 |
|      | 142   | 23.20 | 23.37 | 23.66 | 21.03 | 19.11 | 19.66 | 20.63 | 18.81 | 14.81 | 15.98 | 13.32 | 14.69 | 13.66 | 11.86 | 18.13 |
|      | 241   | 25.93 | 22.32 | 30.67 | 23.75 |       | 26.61 | 28.34 | 26.34 | 26.10 | 28.75 | 29.57 | 29.25 | 27.11 | 26.06 | 25.06 |
|      | 242   | 32.43 | 30.38 | 33.82 | 34.03 | 35.00 | 30.39 | 33.98 | 34.07 | 26.59 | 28.17 | 27.44 | 30.05 | 30.41 | 30.78 | 31.25 |
|      | 341   | 30.39 | 36.24 | 35.98 | 33.74 | 31.82 | 30.57 | 33.28 | 32.87 | 37.40 | 26.15 | 34.85 | 34.37 | 31.28 | 30.18 | 32.80 |
|      | 342   | 38.13 | 28.02 | 29.85 | 27.51 | 34.89 | 32.14 | 29.95 | 45.84 | 26.07 | 32.76 | 38.35 | 31.06 | 35.62 | 31.24 | 32.96 |
|      | 441   | 32.78 | 28.32 | 31.57 | 31.57 | 33.97 | 28.18 | 24.52 | 32.49 | 31.30 | 28.46 | 31.00 | 30.26 | 29.60 | 27.72 | 30.12 |
|      | 442   | 26.65 | 27.31 | 27.22 | 28.29 | 28.67 | 27.08 | 23.52 | 26.65 | 24.80 | 25.01 | 25.14 | 24.59 | 21.36 | 23.99 | 25.73 |
|      | 541   | 29.66 | 33.28 | 39.90 | 38.95 | 29.77 | 31.06 | 29.65 | 31.56 | 33.19 | 33.54 | 31.22 | 33.96 | 32.57 | 31.17 | 32.82 |
|      | 542   | 30.75 | 32.66 | 31.64 | 34.60 | 34.38 | 35.72 | 29.23 | 29.83 | 30.67 | 31.20 | 31.11 | 28.01 | 29.19 | 30.88 | 31.42 |
|      | 641   | 31.68 | 30.26 | 26.57 | 31.37 | 33.20 | 31.50 | 35.64 | 33.46 | 26.61 | 32.33 | 26.73 | 29.58 | 31.83 | 31.23 | 30.86 |
|      | 642   | 29.39 | 35.49 | 38.98 | 34.94 | 33.92 | 30.55 | 29.86 | 31.53 | 29.39 | 30.10 | 33.36 | 32.71 | 33.04 | 34.41 | 32.69 |
|      | 741   | 17.08 | 18.86 | 22.02 | 24.47 | 25.45 | 27.25 | 26.05 | 25.66 | 28.59 | 29.46 | 28.55 | 28.19 | 29.15 | 29.25 | 25.72 |
|      | 742   | 42.30 | 41.08 | 36.83 | 37.92 | 45.09 | 37.82 | 35.55 | 36.81 | 36.13 | 34.86 | 38.43 | 37.36 | 38.14 | 36.30 | 38.19 |
|      | 841   | 34.72 | 37.33 | 37.27 | 40.66 | 36.20 | 36.84 | 34.29 | 34.82 | 36.87 | 33.80 | 37.73 | 34.13 | 30.42 | 33.07 | 35.58 |
|      | 842   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|      | 941   | 23.12 | 27.95 | 28.88 | 30.60 | 30.45 | 30.44 | 29.81 | 29.68 | 27.18 | 22.88 | 28.89 | 26.32 | 30.18 | 30.64 | 28.36 |
|      | 942   | 23.31 | 26.11 | 25.16 | 24.07 | 20.67 | 21.12 | 19.19 | 19.99 | 15.53 | 17.94 | 20.14 | 16.21 | 15.21 | 16.50 | 20.08 |
|      | 13AVE | 24.23 | 26.30 | 27.58 | 27.32 | 28.13 | 28.64 | 27.97 | 28.62 | 27.89 | 27.68 | 27.83 | 28.45 | 28.20 | 26.33 | 27.51 |
|      | 14AVE | 28.92 | 29.77 | 31.04 | 30.79 | 31.14 | 29.56 | 28.63 | 30.32 | 27.90 | 29.30 | 28.34 | 28.17 | 28.01 | 29.14 | 29.14 |
|      | AVE   | 26.58 | 28.04 | 29.31 | 29.06 | 29.59 | 29.10 | 28.30 | 29.47 | 27.90 | 27.79 | 28.57 | 28.40 | 28.19 | 27.17 | 28.33 |

| 高CP区 | NO  | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 平均    |
|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 132 | 16.17 | 24.08 | 25.13 | 24.39 | 24.21 | 24.65 | 21.25 | 21.71 | 21.51 | 22.09 | 21.19 | 21.21 | 24.26 | 23.20 | 22.50 |
|      | 233 | 17.37 | 17.06 | 22.55 | 22.20 | 20.55 | 22.68 | 23.70 | 22.10 | 24.02 | 22.60 | 23.90 | 24.94 | 27.07 | 25.90 | 22.62 |
|      | 234 | 27.26 | 24.13 | 29.87 | 28.27 | 29.86 | 32.90 | 31.03 | 25.94 | 31.12 | 27.06 | 28.09 | 30.35 | 27.84 | 30.17 | 28.85 |
|      | 333 | 39.85 | 30.65 | 32.09 | 30.10 | 33.56 | 26.73 | 33.89 | 31.74 | 29.92 | 28.80 | 29.94 | 30.17 | 30.39 |       | 29.13 |
|      | 334 | 27.38 | 33.41 | 35.82 | 34.68 | 28.12 | 24.97 | 33.76 | 33.18 | 30.34 | 27.39 | 32.08 | 27.58 | 37.02 | 38.07 | 31.70 |
|      | 433 | 22.91 | 26.80 | 27.06 | 27.36 | 30.27 | 27.37 | 28.72 | 26.16 | 25.81 | 24.50 | 27.10 | 23.40 | 25.84 | 24.51 | 26.27 |
|      | 434 | 29.28 | 28.01 | 32.19 | 34.85 | 38.80 | 35.52 | 31.73 | 32.13 | 36.45 | 32.09 | 37.12 | 36.18 | 33.84 | 33.73 | 33.71 |
|      | 533 | 30.52 | 32.98 | 34.67 | 34.93 | 37.48 | 35.69 | 33.70 | 30.46 | 33.80 | 31.15 | 31.41 | 29.17 | 31.24 | 30.86 | 32.72 |
|      | 534 | 21.58 | 22.96 | 23.97 | 22.55 | 26.20 | 28.33 | 24.06 | 26.63 | 25.54 | 27.51 | 27.19 | 26.64 | 26.54 | 23.26 | 25.21 |
|      | 622 | 25.05 | 30.69 | 31.67 | 31.76 | 33.34 | 28.33 | 31.92 | 29.23 | 32.78 | 31.14 | 28.43 | 29.57 | 28.57 | 30.75 | 30.23 |
|      | 624 | 25.96 | 27.06 | 28.85 | 28.70 | 29.35 | 30.11 | 31.93 | 28.58 | 30.56 | 28.65 | 28.68 | 31.28 | 29.38 | 30.33 | 29.25 |
|      | 734 | 29.72 | 28.85 | 28.27 | 28.42 | 26.46 | 26.52 | 36.47 | 28.89 | 30.75 | 37.53 | 31.27 | 29.74 | 30.39 | 27.83 | 30.08 |
|      | 832 | 19.74 | 20.79 | 22.61 | 21.80 | 21.41 | 22.74 | 25.20 | 21.88 | 24.72 | 24.33 | 23.29 | 22.88 | 20.64 | 19.53 | 22.25 |
|      | 933 | 25.43 | 27.80 | 28.92 | 24.28 | 27.77 | 30.01 | 27.92 | 27.90 | 28.03 | 31.92 | 30.30 | 28.27 | 26.53 | 27.74 | 28.06 |
|      | 934 | 26.71 | 29.06 | 29.14 | 29.82 | 30.76 | 28.72 | 24.34 | 23.55 | 20.56 | 24.94 | 23.35 | 21.27 | 17.64 | 15.01 | 24.63 |
|      | 033 | 26.97 | 34.09 | 31.42 | 30.01 | 33.59 | 32.29 | 31.77 | 29.73 | 35.80 | 33.91 | 32.53 | 34.71 | 32.30 | 30.37 | 32.11 |
|      | 034 | 23.98 | 26.07 | 23.06 | 24.55 | 25.58 | 23.63 | 26.80 | 23.93 | 26.06 | 26.12 | 27.94 | 26.63 | 27.11 | 28.35 | 25.70 |
|      | 143 | 19.89 | 23.56 | 21.14 | 22.07 | 20.26 | 21.49 | 21.33 | 21.82 | 21.67 | 24.56 | 24.35 | 21.86 | 21.76 | 21.32 | 21.93 |
|      | 144 | 32.81 | 32.53 | 28.13 | 33.39 | 29.35 | 28.25 | 30.18 | 28.84 | 27.72 | 29.21 | 28.37 | 26.27 | 25.04 | 43.47 | 30.25 |
|      | 243 | 29.82 | 35.14 | 27.62 | 36.02 | 37.24 | 35.36 | 35.95 |       | 38.38 | 39.06 | 37.66 | 35.14 | 37.16 | 38.06 | 33.04 |
|      | 244 | 27.11 | 30.35 | 22.56 | 26.14 | 33.00 | 33.29 | 34.41 | 31.55 | 36.13 | 37.90 | 28.25 | 31.67 | 31.03 | 33.96 | 31.24 |
|      | 343 | 31.39 | 39.20 | 42.88 | 43.07 | 38.38 | 34.53 | 32.32 | 34.04 | 32.44 | 34.28 | 27.39 | 28.77 | 33.14 | 34.25 | 34.72 |
|      | 344 | 34.57 | 36.37 | 39.74 | 48.91 | 38.90 | 30.22 | 30.83 | 30.05 | 30.70 | 39.33 | 37.55 | 38.23 | 33.93 | 39.89 | 36.37 |
|      | 443 | 24.27 | 26.32 | 29.08 | 27.55 | 32.63 | 29.60 | 29.69 | 29.47 | 29.58 | 27.92 | 31.67 | 30.50 | 29.97 | 31.12 | 29.24 |
|      | 444 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|      | 543 | 30.62 | 29.88 | 31.61 | 30.55 | 31.14 | 32.65 | 33.28 | 37.44 | 34.36 | 35.53 | 36.22 | 31.80 | 32.03 | 32.16 | 32.80 |
|      | 544 | 30.38 | 30.74 | 30.56 | 33.45 | 30.91 | 32.91 | 33.30 | 31.71 | 31.16 | 34.53 | 30.31 | 30.48 | 29.83 | 33.01 | 31.66 |
|      | 643 | 33.60 | 39.98 | 34.12 | 37.89 | 28.44 | 36.11 | 34.65 | 31.83 | 30.76 | 33.94 | 32.98 | 33.35 | 35.69 | 34.81 | 34.15 |
|      | 644 | 35.37 | 26.87 | 28.78 | 35.05 | 33.08 | 30.78 | 31.84 | 31.85 | 34.08 | 35.95 | 33.34 | 34.76 | 34.53 | 31.61 | 32.71 |
|      | 743 | 27.19 | 28.07 | 28.59 | 25.48 | 28.58 | 26.47 | 28.49 | 30.75 | 28.60 | 28.73 | 29.87 | 29.15 | 28.93 | 29.39 | 28.45 |
|      | 744 | 29.65 | 32.70 | 30.76 | 32.48 | 32.57 | 31.77 | 32.81 | 33.46 | 32.75 | 32.02 | 30.47 | 30.99 | 29.25 | 30.18 | 31.56 |
|      | 843 | 36.27 | 38.73 | 42.32 | 44.77 | 50.99 | 41.88 | 45.07 | 38.77 | 40.14 | 35.84 | 38.59 | 37.81 | 36.11 | 35.53 | 40.20 |
|      | 844 | 36.48 | 37.63 | 38.26 | 35.01 | 36.29 | 36.16 | 36.00 | 39.79 | 35.94 | 33.90 | 34.83 | 35.68 | 37.58 | 34.35 | 36.28 |
|      | 943 | 28.98 | 28.59 | 27.36 | 27.41 | 26.17 | 22.15 | 21.79 | 26.51 | 21.85 | 20.80 | 18.33 | 26.70 | 17.83 | 17.62 | 23.72 |
|      | 944 | 17.88 | 14.02 | 18.46 | 18.00 | 18.58 | 18.07 | 18.19 | 17.28 | 17.57 | 15.67 | 12.34 | 14.33 | 14.47 | 13.57 |       |

SCM销量 KG

| 低CP区 | NO    | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 平均    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 131   | 5.60  | 11.85 | 19.11 | 21.32 | 18.57 | 24.95 | 26.96 | 24.13 | 26.04 | 25.85 | 24.15 | 24.01 | 24.05 | 24.21 | 21.48 |
|      | 231   | 27.01 | 27.82 | 27.48 | 25.62 | 21.48 | 23.63 | 20.74 | 24.59 | 21.15 | 26.76 | 22.32 | 26.83 | 22.26 | 23.81 | 24.39 |
|      | 232   | 20.64 | 21.34 | 23.04 | 21.81 | 25.58 | 23.23 | 26.06 | 24.28 | 26.92 | 25.80 | 26.59 | 27.04 | 25.85 | 24.56 | 24.48 |
|      | 331   | 21.78 | 25.22 | 24.66 | 25.37 | 31.50 | 25.52 | 31.26 | 31.32 | 27.41 | 30.14 | 30.10 | 34.39 | 37.72 | 31.49 | 29.13 |
|      | 332   | 28.86 | 29.79 | 32.35 | 32.55 | 34.21 | 38.29 | 28.41 | 33.13 | 31.44 | 26.68 | 38.60 | 35.95 | 34.38 | 29.14 | 32.41 |
|      | 431   | 23.07 | 25.33 | 27.35 | 27.63 | 28.24 | 30.32 | 29.74 | 28.42 | 29.30 | 27.29 | 27.41 | 29.27 | 26.62 | 31.32 | 27.95 |
|      | 432   | 28.69 | 29.81 | 28.94 | 28.73 | 29.60 | 25.77 | 29.68 | 30.79 | 29.72 | 27.10 | 29.18 | 27.44 | 26.78 | 25.35 | 28.40 |
|      | 531   | 29.48 | 27.42 | 31.75 | 33.63 | 32.11 | 36.48 | 34.85 | 35.18 | 36.85 | 37.46 | 32.21 | 30.28 | 32.54 | 27.78 | 32.72 |
|      | 532   | 24.90 | 27.54 | 32.19 | 30.18 | 30.97 | 31.93 | 30.37 | 30.65 | 31.78 | 29.33 | 28.81 | 29.05 | 37.82 | 25.51 | 30.07 |
|      | 621   | 20.82 | 24.15 | 26.54 | 23.36 | 24.68 | 24.76 | 27.93 | 27.91 | 24.32 | 26.82 | 26.56 | 24.51 | 27.58 | 27.67 | 25.54 |
|      | 623   | 27.18 | 28.00 | 28.50 | 29.62 | 29.75 | 28.33 | 27.77 | 28.75 | 30.33 | 29.27 | 31.48 | 29.90 | 33.23 | 33.10 | 29.66 |
|      | 731   | 22.10 | 25.35 | 25.78 | 26.10 | 25.21 | 24.94 | 23.35 | 25.97 | 26.03 | 25.43 | 25.61 | 24.44 | 24.20 | 22.74 | 24.80 |
|      | 831   | 18.21 | 25.23 | 27.12 | 28.59 | 30.77 | 37.79 | 23.05 | 30.07 | 30.63 | 30.32 | 29.00 | 30.04 | 23.74 | 23.79 | 27.74 |
|      | 931   | 29.08 | 23.88 | 29.33 | 29.04 | 26.38 | 23.55 | 24.53 | 23.44 | 21.61 | 19.72 | 18.77 | 23.92 | 17.69 | 15.95 | 23.35 |
|      | 932   | 19.01 | 19.98 | 21.38 | 21.98 | 22.14 | 23.35 | 24.99 | 23.57 | 23.71 | 23.18 | 22.11 | 21.47 | 20.45 | 21.26 | 22.04 |
|      | 031   | 29.54 | 30.30 | 25.82 | 26.13 | 31.24 | 28.50 | 28.95 | 27.89 | 27.28 | 30.13 | 28.77 | 28.92 | 29.92 | 29.14 | 28.75 |
|      | 032   | 22.88 | 25.63 | 27.42 | 25.66 | 27.63 | 25.95 | 25.05 | 28.00 | 25.09 | 28.41 | 27.22 | 29.39 | 30.04 | 30.93 | 27.09 |
|      | 141   | 19.83 | 26.15 | 26.75 | 25.29 | 25.44 | 24.79 | 22.85 | 24.35 | 22.33 | 22.07 | 21.51 | 20.39 | 19.64 | 20.18 | 22.97 |
|      | 142   | 23.09 | 22.64 | 22.82 | 20.69 | 18.30 | 18.74 | 19.29 | 17.83 | 14.11 | 14.76 | 12.60 | 13.60 | 12.38 | 10.89 | 17.25 |
|      | 241   | 25.25 | 22.53 | 21.13 | 22.70 |       | 26.09 | 27.35 | 25.42 | 25.81 | 28.06 | 28.81 | 28.83 | 27.11 | 26.39 | 23.96 |
|      | 242   | 31.39 | 29.52 | 32.31 | 32.40 | 33.35 | 30.00 | 32.91 | 32.54 | 26.74 | 28.08 | 26.13 | 29.04 | 29.15 | 29.66 | 30.23 |
|      | 341   | 28.33 | 34.12 | 34.52 | 33.17 | 30.16 | 29.89 | 32.45 | 32.09 | 35.00 | 26.50 | 33.36 | 33.18 | 30.18 | 29.69 | 31.62 |
|      | 342   | 35.25 | 27.57 | 29.92 | 28.09 | 34.09 | 32.41 | 30.80 | 41.91 | 25.76 | 32.19 | 36.45 | 31.21 | 34.98 | 31.21 | 32.27 |
|      | 441   | 31.12 | 27.58 | 30.70 | 30.34 | 32.02 | 27.81 | 24.17 | 31.17 | 30.27 | 28.19 | 30.41 | 30.00 | 29.05 | 27.57 | 29.31 |
|      | 442   | 25.48 | 26.15 | 26.14 | 27.39 | 27.46 | 26.13 | 22.51 | 25.73 | 23.68 | 24.27 | 24.41 | 23.89 | 20.98 | 23.19 | 24.82 |
|      | 541   | 28.67 | 31.87 | 36.87 | 36.18 | 28.58 | 29.44 | 29.14 | 31.30 | 32.60 | 32.85 | 31.18 | 33.34 | 32.16 | 31.24 | 31.82 |
|      | 542   | 29.73 | 29.95 | 31.95 | 33.92 | 33.57 | 34.72 | 28.76 | 29.54 | 30.45 | 30.78 | 30.73 | 27.94 | 29.26 | 29.91 | 30.80 |
|      | 641   | 30.96 | 30.19 | 26.50 | 30.73 | 32.44 | 30.68 | 35.40 | 33.63 | 27.34 | 32.09 | 27.30 | 28.44 | 31.55 | 31.08 | 30.59 |
|      | 642   | 29.31 | 34.57 | 37.00 | 33.25 | 32.58 | 29.24 | 28.30 | 30.20 | 27.98 | 29.11 | 31.75 | 31.54 | 31.78 | 32.88 | 31.39 |
|      | 741   | 16.85 | 19.37 | 22.89 | 25.28 | 26.20 | 28.01 | 27.30 | 27.16 | 29.08 | 30.73 | 28.99 | 29.60 | 30.53 | 30.86 | 26.63 |
|      | 742   | 41.16 | 40.80 | 37.56 | 38.67 | 44.77 | 37.92 | 36.97 | 37.71 | 37.06 | 34.92 | 38.91 | 37.97 | 38.64 | 37.43 | 38.61 |
|      | 841   | 33.49 | 35.67 | 36.22 | 39.17 | 35.86 | 36.84 | 34.03 | 34.67 | 36.39 | 33.95 | 37.44 | 34.23 | 30.83 | 32.49 | 35.09 |
|      | 842   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|      | 941   | 23.15 | 27.24 | 28.09 | 29.97 | 29.97 | 29.53 | 29.60 | 29.03 | 26.61 | 23.18 | 28.28 | 25.99 | 29.65 | 29.87 | 27.87 |
|      | 942   | 22.90 | 26.25 | 25.39 | 24.12 | 21.56 | 21.49 | 19.78 | 20.44 | 16.01 | 18.41 | 20.55 | 16.73 | 15.38 | 16.51 | 20.39 |
|      | 13AVE | 23.46 | 25.21 | 26.99 | 26.90 | 27.65 | 28.08 | 27.28 | 28.12 | 27.62 | 27.63 | 27.58 | 28.05 | 27.93 | 26.34 | 27.06 |
|      | 14AVE | 28.00 | 28.95 | 29.81 | 30.08 | 30.40 | 29.04 | 28.33 | 29.69 | 27.48 | 27.65 | 28.75 | 27.99 | 27.84 | 27.70 | 28.57 |
|      | AVE   | 25.73 | 27.08 | 28.40 | 28.49 | 28.98 | 28.56 | 27.80 | 28.91 | 27.55 | 27.64 | 28.17 | 28.02 | 27.89 | 27.02 | 27.81 |

| 高CP区 | NO  | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 平均    |
|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 132 | 17.15 | 23.91 | 24.76 | 24.32 | 24.27 | 24.58 | 22.01 | 22.44 | 22.47 | 22.95 | 22.23 | 21.92 | 24.89 | 24.03 | 23.00 |
|      | 233 | 17.04 | 16.59 | 22.26 | 21.63 | 20.33 | 22.40 | 23.03 | 21.98 | 23.65 | 22.57 | 23.40 | 24.50 | 26.71 | 25.62 | 22.27 |
|      | 234 | 25.54 | 23.16 | 28.25 | 27.26 | 28.60 | 31.23 | 29.31 | 24.75 | 29.90 | 26.31 | 27.21 | 29.24 | 26.67 | 28.95 | 27.60 |
|      | 333 | 37.61 | 30.36 | 32.10 | 29.97 | 33.14 | 28.14 | 33.69 | 32.77 | 31.25 | 30.41 | 30.22 | 30.60 | 30.75 |       | 29.36 |
|      | 334 | 27.19 | 33.05 | 35.49 | 34.62 | 28.76 | 25.89 | 33.03 | 33.15 | 30.93 | 28.63 | 32.10 | 28.88 | 36.35 | 37.20 | 31.80 |
|      | 433 | 22.43 | 22.43 | 22.43 | 22.43 | 22.43 | 22.43 | 22.43 | 22.43 | 22.43 | 22.43 | 22.43 | 22.43 | 22.43 | 22.43 | 22.43 |
|      | 434 | 28.51 | 28.33 | 32.04 | 34.13 | 37.08 | 35.08 | 31.35 | 31.88 | 36.30 | 32.76 | 36.16 | 36.05 | 33.97 | 33.43 | 33.36 |
|      | 533 | 29.94 | 32.48 | 34.26 | 34.25 | 36.18 | 35.03 | 33.97 | 31.57 | 34.02 | 31.76 | 31.59 | 29.77 | 31.63 | 31.40 | 32.70 |
|      | 534 | 21.75 | 22.57 | 23.61 | 22.56 | 25.96 | 27.55 | 24.13 | 26.62 | 25.96 | 27.60 | 27.61 | 27.06 | 26.75 | 24.21 | 25.28 |
|      | 622 | 25.21 | 30.28 | 30.95 | 31.77 | 32.88 | 29.05 | 31.82 | 29.54 | 32.79 | 30.95 | 28.72 | 30.17 | 29.33 | 31.18 | 30.33 |
|      | 624 | 25.89 | 28.07 | 29.29 | 29.33 | 30.00 | 30.19 | 31.56 | 29.03 | 29.77 | 28.50 | 28.64 | 30.86 | 29.41 | 30.40 | 29.35 |
|      | 734 | 29.18 | 28.76 | 27.94 | 28.97 | 27.13 | 27.43 | 34.62 | 28.80 | 30.98 | 35.88 | 31.82 | 30.12 | 30.63 | 28.03 | 30.03 |
|      | 832 | 18.95 | 20.55 | 22.69 | 22.37 | 23.08 | 23.78 | 26.12 | 22.78 | 25.23 | 24.53 | 24.16 | 23.75 | 22.59 | 21.44 | 23.00 |
|      | 933 | 25.76 | 28.35 | 29.67 | 24.79 | 28.24 | 30.37 | 28.05 | 28.10 | 28.25 | 32.00 | 30.51 | 27.65 | 27.22 | 28.24 | 28.37 |
|      | 934 | 25.50 | 28.24 | 28.62 | 28.84 | 29.74 | 27.88 | 24.04 | 23.53 | 20.60 | 24.65 | 23.35 | 21.54 | 17.68 | 15.04 | 24.23 |
|      | 033 | 25.80 | 32.16 | 30.56 | 29.31 | 31.90 | 31.01 | 30.55 | 28.84 | 34.03 | 32.98 | 31.03 | 32.78 | 30.68 | 29.84 | 30.82 |
|      | 034 | 23.44 | 25.43 | 22.78 | 24.04 | 25.16 | 23.27 | 25.89 | 23.77 | 25.82 | 25.61 | 27.45 | 26.10 | 26.50 | 27.85 | 25.22 |
|      | 143 | 20.10 | 23.03 | 20.78 | 21.67 | 20.34 | 21.48 | 21.24 | 22.01 | 21.73 | 24.23 | 24.02 | 22.26 | 22.34 | 21.63 | 21.92 |
|      | 144 | 31.97 | 31.10 | 27.59 | 31.50 | 28.20 | 27.03 | 29.16 | 27.57 | 26.73 | 28.16 | 27.49 | 26.01 | 25.07 | 39.39 | 29.07 |
|      | 243 | 28.32 | 32.97 | 28.86 | 34.76 | 33.51 | 33.66 | 34.19 |       | 36.26 | 36.60 | 35.96 | 33.46 | 35.22 | 35.99 | 31.41 |
|      | 244 | 26.13 | 28.82 | 21.22 | 24.84 | 30.77 | 31.43 | 32.52 | 30.76 | 34.57 | 35.29 | 27.78 | 30.59 | 31.82 | 31.64 | 29.87 |
|      | 343 | 29.81 | 36.65 | 39.88 | 40.07 | 36.34 | 32.80 | 31.44 | 31.97 | 31.12 | 33.36 | 27.71 | 28.49 | 31.98 | 32.64 | 33.16 |
|      | 344 | 33.94 | 35.39 | 37.67 | 45.25 | 36.62 | 30.62 | 31.63 | 31.04 | 31.88 | 38.48 | 36.42 | 37.18 | 33.72 | 38.40 | 35.59 |
|      | 443 | 24.14 | 25.79 | 28.49 | 27.55 | 31.52 | 28.97 | 29.28 | 29.13 | 29.57 | 28.34 | 31.12 | 30.32 | 29.49 | 30.76 | 28.89 |
|      | 444 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|      | 543 | 29.51 | 29.91 | 31.95 | 30.19 | 31.43 | 33.00 | 33.53 | 36.83 | 34.28 | 35.65 | 35.91 | 31.83 | 31.74 | 31.95 | 32.69 |
|      | 544 | 29.62 | 30.68 | 30.81 | 33.21 | 31.09 | 32.47 | 33.19 | 31.71 | 30.90 | 33.93 | 30.31 | 29.75 | 29.88 | 32.50 | 31.43 |
|      | 643 | 32.98 | 38.79 | 32.98 | 36.70 | 29.10 | 35.35 | 34.29 | 31.16 | 30.73 | 33.57 | 32.54 | 33.17 | 35.13 | 34.29 | 33.63 |
|      | 644 | 34.06 | 27.64 | 29.20 | 33.72 | 32.80 | 31.19 | 32.07 | 32.01 | 34.36 | 35.17 | 33.26 | 34.54 | 34.74 | 32.45 | 32.66 |
|      | 743 | 27.52 | 28.97 | 29.07 | 25.76 | 28.55 | 26.99 | 28.59 | 30.91 | 28.92 | 28.68 | 30.01 | 29.02 | 29.28 | 29.62 | 28.71 |
|      | 744 | 28.75 | 31.47 | 29.93 | 31.92 | 32.18 | 31.64 | 32.86 | 33.18 | 32.46 | 31.71 | 30.37 | 30.93 | 29.45 | 30.42 | 31.23 |
|      | 843 | 34.69 | 37.06 | 40.21 | 41.88 | 47.37 | 39.73 | 42.24 | 37.07 | 39.12 | 34.94 | 37.05 | 36.79 | 34.91 | 34.51 | 38.40 |
|      | 844 | 35.16 | 36.49 | 37.18 | 33.41 | 35.45 | 35.28 | 34.91 | 38.09 | 35.17 | 33.10 | 33.55 | 34.31 | 36.33 | 33.94 | 35.17 |
|      | 943 | 28.48 | 28.10 | 26.90 | 26.83 | 26.13 | 21.86 | 21.55 | 26.41 | 21.76 | 20.81 | 18.43 | 25.75 | 18.16 | 17.94 | 23.51 |
|      | 944 | 17.77 | 14.01 | 18.16 | 17.66 | 18.26 | 18.01 | 17.62 | 16.72 | 16.73 | 15.43 | 13.23 | 14.21 | 14.04 | 13.42 |       |

B. 乳脂率 %

| 低CPI区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 131   | 4.57 | 4.67 | 4.32 | 4.30 | 2.27 | 4.39 | 4.81 | 4.07 | 4.49 | 4.43 | 4.12 | 4.16 | 4.67 | 4.47 | 4.27 |
|       | 231   | 6.09 | 4.94 | 4.16 | 3.82 | 3.39 | 3.45 | 3.24 | 3.56 | 3.02 | 3.90 | 3.22 | 3.58 | 3.40 | 3.43 | 3.79 |
|       | 232   | 6.00 | 5.51 | 4.64 | 4.74 | 5.12 | 4.84 | 5.14 | 4.76 | 5.33 | 5.01 | 5.32 | 5.47 | 5.30 | 5.32 | 5.18 |
|       | 331   | 4.20 | 3.51 | 3.26 | 2.75 | 3.64 | 2.42 | 3.27 | 3.78 | 2.61 | 2.73 | 2.98 | 4.17 | 4.85 | 3.33 | 3.39 |
|       | 332   | 4.79 | 3.50 | 3.85 | 3.28 | 3.76 | 4.48 | 2.42 | 3.83 | 3.46 | 2.28 | 5.03 | 4.19 | 3.57 | 2.76 | 3.66 |
|       | 431   | 5.70 | 5.18 | 4.47 | 4.47 | 4.39 | 4.72 | 4.55 | 4.52 | 4.97 | 4.67 | 4.62 | 5.02 | 4.51 | 5.74 | 4.82 |
|       | 432   | 6.78 | 6.07 | 5.33 | 4.78 | 4.90 | 4.00 | 5.15 | 4.99 | 4.70 | 4.17 | 4.65 | 4.08 | 3.83 | 3.51 | 4.78 |
|       | 531   | 6.32 | 4.55 | 4.32 | 4.70 | 4.29 | 4.69 | 4.50 | 4.87 | 4.24 | 4.72 | 4.70 | 4.17 | 4.71 | 3.55 | 4.60 |
|       | 532   | 4.19 | 4.32 | 5.02 | 3.78 | 3.93 | 3.58 | 3.70 | 3.36 | 3.43 | 2.93 | 2.83 | 2.96 | 5.23 | 3.19 | 3.75 |
|       | 621   | 4.53 | 4.04 | 4.11 | 3.11 | 3.71 | 3.47 | 4.03 | 3.58 | 3.59 | 3.44 | 3.17 | 2.99 | 3.45 | 3.34 | 3.61 |
|       | 623   | 3.80 | 3.57 | 3.38 | 3.30 | 3.14 | 3.13 | 2.46 | 2.89 | 2.97 | 2.85 | 3.12 | 3.13 | 3.08 | 2.63 | 3.10 |
|       | 731   | 3.84 | 4.06 | 3.71 | 4.22 | 3.41 | 3.52 | 3.31 | 3.59 | 3.36 | 3.32 | 3.39 | 3.07 | 3.13 | 3.93 | 3.56 |
|       | 831   | 4.35 | 4.83 | 4.62 | 4.59 | 4.57 | 6.29 | 3.10 | 4.04 | 4.22 | 4.33 | 4.01 | 4.12 | 2.81 | 2.50 | 4.17 |
|       | 931   | 4.30 | 4.04 | 3.41 | 3.18 | 3.23 | 2.53 | 2.67 | 2.40 | 1.94 | 1.74 | 1.87 | 3.21 | 1.91 | 1.89 | 2.74 |
|       | 932   | 4.27 | 3.58 | 3.29 | 2.88 | 2.78 | 2.77 | 2.95 | 2.84 | 2.65 | 2.66 | 3.90 | 3.56 | 3.25 | 2.99 | 3.17 |
|       | 031   | 6.39 | 6.44 | 4.14 | 3.38 | 4.12 | 3.28 | 3.86 | 3.74 | 3.59 | 4.80 | 4.54 | 4.84 | 4.90 | 4.36 | 4.46 |
|       | 032   | 5.21 | 4.75 | 4.23 | 3.89 | 4.21 | 3.82 | 3.86 | 4.77 | 3.76 | 3.87 | 3.75 | 3.60 | 3.87 | 4.38 | 4.14 |
|       | 141   | 4.60 | 5.43 | 5.02 | 4.25 | 4.13 | 4.20 | 3.77 | 4.25 | 3.90 | 3.84 | 3.93 | 3.81 | 3.48 | 3.89 | 4.18 |
|       | 142   | 5.25 | 4.60 | 4.27 | 3.61 | 3.85 | 3.94 | 4.76 | 4.53 | 3.43 | 4.23 | 3.65 | 4.15 | 5.09 | 5.94 | 4.38 |
|       | 241   | 4.68 | 3.86 | 3.29 | 3.85 |      | 4.43 | 4.67 | 4.88 | 4.29 | 4.87 | 5.02 | 4.66 | 4.33 | 3.87 | 4.05 |
|       | 242   | 5.64 | 4.58 | 5.12 | 4.98 | 4.96 | 3.85 | 4.60 | 4.65 | 3.25 | 3.66 | 4.91 | 4.71 | 4.85 | 4.83 | 4.61 |
|       | 341   | 5.22 | 5.30 | 4.47 | 4.27 | 4.06 | 3.45 | 4.57 | 3.76 | 5.06 | 2.77 | 4.57 | 4.36 | 4.11 | 3.86 | 4.27 |
|       | 342   | 8.16 | 4.27 | 3.67 | 3.03 | 4.44 | 3.78 | 3.30 | 6.39 | 3.87 | 4.04 | 5.39 | 3.88 | 4.63 | 4.03 | 4.49 |
|       | 441   | 6.52 | 4.98 | 5.10 | 4.85 | 5.41 | 4.13 | 3.73 | 5.07 | 4.70 | 3.80 | 4.27 | 4.08 | 4.17 | 3.96 | 4.63 |
|       | 442   | 6.16 | 5.45 | 4.86 | 4.66 | 4.97 | 4.53 | 4.67 | 4.89 | 4.99 | 4.38 | 4.65 | 4.50 | 4.16 | 4.60 | 4.82 |
|       | 541   | 4.52 | 4.54 | 6.00 | 5.54 | 4.03 | 4.49 | 3.79 | 3.86 | 4.14 | 4.18 | 3.59 | 4.13 | 3.96 | 3.87 | 4.33 |
|       | 542   | 4.99 | 4.44 | 3.66 | 3.91 | 3.82 | 4.11 | 3.29 | 3.12 | 3.21 | 3.38 | 3.37 | 3.01 | 3.09 | 3.64 | 3.65 |
|       | 641   | 4.50 | 3.48 | 3.29 | 3.89 | 3.61 | 3.57 | 3.85 | 3.58 | 3.33 | 4.40 | 3.59 | 4.00 | 4.51 | 4.44 | 3.86 |
|       | 642   | 5.17 | 5.46 | 5.48 | 5.08 | 4.48 | 4.74 | 4.28 | 4.86 | 4.35 | 4.69 | 5.01 | 4.88 | 5.02 | 5.50 | 4.93 |
|       | 741   | 4.97 | 4.01 | 3.87 | 4.02 | 4.23 | 4.32 | 3.82 | 3.65 | 4.03 | 4.20 | 4.55 | 4.01 | 4.39 | 4.03 | 4.15 |
|       | 742   | 6.17 | 4.74 | 3.45 | 3.39 | 4.61 | 3.71 | 3.09 | 3.24 | 3.10 | 3.24 | 3.68 | 3.43 | 3.57 | 3.26 | 3.76 |
|       | 841   | 5.18 | 5.26 | 4.75 | 4.64 | 3.91 | 4.10 | 4.24 | 4.18 | 4.50 | 4.10 | 4.48 | 4.40 | 4.07 | 4.61 | 4.46 |
|       | 842   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|       | 941   | 5.14 | 4.91 | 4.76 | 4.43 | 4.16 | 4.47 | 3.93 | 4.30 | 4.32 | 2.81 | 4.25 | 4.07 | 4.43 | 4.64 | 4.33 |
|       | 942   | 4.51 | 3.76 | 3.12 | 3.00 | 2.18 | 2.51 | 2.02 | 2.49 | 1.82 | 2.25 | 3.28 | 2.24 | 2.37 | 2.49 | 2.72 |
|       | 13AVE | 5.02 | 4.56 | 4.13 | 3.82 | 3.81 | 3.85 | 3.71 | 3.86 | 3.67 | 3.64 | 3.84 | 3.90 | 3.91 | 3.61 | 3.95 |
|       | 14AVE | 5.38 | 4.65 | 4.36 | 4.20 | 4.18 | 4.02 | 3.90 | 4.22 | 3.90 | 3.81 | 4.25 | 4.02 | 4.13 | 4.20 | 4.21 |
|       | AVE   | 5.20 | 4.61 | 4.25 | 4.01 | 3.99 | 3.93 | 3.81 | 4.04 | 3.78 | 3.73 | 4.04 | 3.96 | 4.02 | 3.91 | 4.08 |

| 高CPI区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|       | 132   | 2.73 | 4.24 | 4.14 | 3.47 | 3.33 | 3.45 | 2.51 | 2.64 | 2.28 | 2.51 | 2.43 | 2.34 | 2.87 | 2.69 | 2.97 |
|       | 233   | 4.91 | 4.74 | 4.63 | 4.85 | 3.94 | 4.31 | 4.68 | 4.05 | 4.27 | 3.94 | 4.48 | 4.48 | 4.63 | 4.57 | 4.46 |
|       | 234   | 6.78 | 4.79 | 5.13 | 4.41 | 4.83 | 5.38 | 5.07 | 4.32 | 4.55 | 4.31 | 4.29 | 4.48 | 4.81 | 4.90 | 4.86 |
|       | 333   | 6.74 | 3.78 | 3.70 | 3.65 | 3.95 | 2.72 | 3.85 | 3.40 | 3.18 | 2.92 | 3.76 | 3.78 | 3.93 |      | 3.53 |
|       | 334   | 3.92 | 4.04 | 4.11 | 3.72 | 2.54 | 2.55 | 3.61 | 3.62 | 3.04 | 2.54 | 3.37 | 2.50 | 4.13 | 4.33 | 3.43 |
|       | 433   | 4.97 | 4.83 | 4.71 | 4.14 | 4.57 | 3.96 | 4.44 | 3.82 | 3.96 | 3.85 | 4.22 | 3.36 | 4.01 | 3.92 | 4.20 |
|       | 434   | 5.40 | 3.97 | 4.02 | 4.26 | 4.86 | 4.49 | 4.05 | 3.87 | 4.41 | 3.50 | 4.55 | 4.31 | 3.98 | 4.02 | 4.26 |
|       | 533   | 4.81 | 4.26 | 3.93 | 3.93 | 4.21 | 3.84 | 3.46 | 3.34 | 3.56 | 3.54 | 3.23 | 2.92 | 3.39 | 3.32 | 3.70 |
|       | 534   | 4.59 | 4.95 | 4.64 | 4.14 | 4.10 | 4.57 | 3.51 | 3.82 | 3.71 | 4.03 | 3.83 | 3.61 | 3.95 | 3.20 | 4.05 |
|       | 622   | 4.73 | 4.94 | 4.74 | 4.34 | 4.54 | 3.66 | 4.31 | 3.65 | 4.38 | 4.42 | 3.55 | 3.89 | 3.80 | 4.63 | 4.26 |
|       | 624   | 4.14 | 3.51 | 3.64 | 3.58 | 3.65 | 3.55 | 3.85 | 3.39 | 4.26 | 3.84 | 3.67 | 3.78 | 3.67 | 3.74 | 3.73 |
|       | 734   | 4.23 | 3.75 | 3.58 | 3.15 | 2.88 | 2.71 | 4.76 | 3.37 | 3.45 | 4.83 | 3.26 | 3.24 | 3.16 | 3.33 | 3.55 |
|       | 832   | 5.33 | 3.81 | 3.19 | 2.40 | 2.10 | 2.24 | 2.65 | 1.95 | 2.64 | 2.76 | 2.29 | 2.35 | 1.78 | 1.74 | 2.66 |
|       | 933   | 4.29 | 3.80 | 3.52 | 3.40 | 3.33 | 3.56 | 3.61 | 3.37 | 3.66 | 3.89 | 3.60 | 3.24 | 3.20 | 3.32 | 3.56 |
|       | 934   | 6.22 | 5.07 | 4.60 | 4.44 | 4.31 | 3.98 | 2.81 | 2.55 | 2.23 | 2.96 | 2.67 | 2.38 | 2.57 | 2.61 | 3.53 |
|       | 033   | 5.66 | 6.04 | 4.40 | 4.00 | 4.33 | 3.90 | 3.81 | 3.57 | 4.60 | 3.93 | 4.29 | 4.82 | 4.36 | 3.63 | 4.38 |
|       | 034   | 4.60 | 4.45 | 3.56 | 3.68 | 3.72 | 3.40 | 4.29 | 3.31 | 3.46 | 3.69 | 3.59 | 3.50 | 3.63 | 3.73 | 3.73 |
|       | 143   | 5.16 | 5.71 | 4.52 | 4.61 | 3.61 | 3.69 | 4.00 | 3.69 | 3.64 | 4.61 | 4.47 | 3.74 | 3.62 | 3.55 | 4.19 |
|       | 144   | 5.52 | 4.90 | 3.66 | 4.76 | 4.23 | 3.82 | 4.31 | 4.09 | 3.95 | 4.39 | 4.09 | 3.77 | 3.09 | 7.25 | 4.42 |
|       | 243   | 5.09 | 6.01 | 2.98 | 4.70 | 6.14 | 4.82 | 5.05 | 5.50 | 5.73 | 5.41 | 5.43 | 5.49 | 5.70 |      | 4.86 |
|       | 244   | 5.61 | 5.58 | 5.18 | 4.43 | 5.18 | 5.24 | 5.26 | 4.46 | 4.93 | 5.75 | 3.88 | 4.34 | 5.14 | 5.30 | 5.02 |
|       | 343   | 4.94 | 5.03 | 5.46 | 4.93 | 4.07 | 4.01 | 3.24 | 4.29 | 3.33 | 3.65 | 2.75 | 3.00 | 3.80 | 3.99 | 4.03 |
|       | 344   | 5.10 | 4.80 | 4.88 | 6.32 | 4.62 | 3.03 | 3.16 | 2.62 | 2.79 | 4.38 | 4.40 | 4.29 | 3.73 | 4.82 | 4.21 |
|       | 443   | 5.33 | 5.48 | 5.48 | 4.68 | 6.15 | 5.16 | 4.92 | 4.85 | 4.63 | 4.07 | 5.19 | 4.84 | 4.87 | 5.68 | 5.10 |
|       | 444   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|       | 543   | 5.55 | 4.38 | 3.92 | 3.71 | 3.42 | 3.44 | 3.35 | 4.00 | 3.47 | 3.64 | 3.87 | 3.41 | 3.41 | 3.39 | 3.78 |
|       | 544   | 4.87 | 3.75 | 3.38 | 3.56 | 3.10 | 3.48 | 3.38 | 3.18 | 3.05 | 3.60 | 3.01 | 3.23 | 3.05 | 3.51 | 3.44 |
|       | 643   | 5.15 | 5.61 | 5.13 | 4.62 | 3.19 | 4.20 | 4.19 | 4.17 | 3.83 | 4.26 | 4.34 | 4.35 | 4.96 | 4.74 | 4.48 |
|       | 644   | 6.21 | 3.96 | 4.15 | 5.65 | 4.68 | 3.93 | 4.02 | 3.92 | 4.00 | 4.92 | 4.02 | 4.21 | 3.85 | 3.45 | 4.36 |
|       | 743   | 3.97 | 3.38 | 3.65 | 3.18 | 3.69 | 3.10 | 3.46 | 3.60 | 3.39 | 3.83 | 3.48 | 3.46 | 3.24 | 3.54 | 3.50 |
|       | 744   | 5.30 | 5.08 | 4.44 | 4.16 | 3.93 | 3.68 | 3.75 | 4.04 | 3.91 | 3.91 | 3.63 | 3.66 | 3.40 | 3.57 | 4.03 |
|       | 843   | 5.42 | 5.04 | 4.98 | 5.23 | 5.81 | 4.53 | 4.77 | 4.10 | 3.99 | 4.18 | 4.56 | 4.24 | 4.25 | 4.10 | 4.66 |
|       | 844   | 4.55 | 4.38 | 4.34 | 4.06 | 3.70 | 3.66 | 3.60 | 4.26 | 3.88 | 3.36 | 3.66 | 3.71 | 3.84 | 3.25 | 3.88 |
|       | 943   | 4.90 | 4.37 | 3.85 | 3.73 | 3.28 | 3.35 | 3.02 | 4.00 | 2.84 | 2.45 | 2.39 | 4.39 | 2.40 | 2.45 | 3.39 |
|       | 944   | 4.94 | 2.76 | 4.28 | 4.02 | 3.91 | 3.56 | 4.29 | 3.94 | 4.16 | 3.75 | 2.50 | 3.27 | 3.52 | 2.96 | 3.70 |
|       | 13AVE | 4.94 | 4.41 | 4.13 | 3.86 | 3.83 | 3.66 | 3.84 | 3.41 | 3.62 | 3.60 | 3.60 | 3.47 | 3.63 | 3.60 | 3.81 |
|       | 14AVE | 5.15 | 4.72 | 4.37 | 4.49 | 4.28 | 3.92 | 3.99 | 3.95 | 3.84 | 4.15 | 3.86 | 3.96 | 3.86 | 4.19 | 4.18 |
|       | AVE   | 5.05 | 4.56 | 4.25 | 4.17 | 4.06 | 3.79 | 3.91 | 3.67 | 3.73 | 3.87 | 3.73 | 3.72 | 3.75 | 3.90 | 4.00 |

9. 無脂固形分率 %

| 低CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 131   | 8.77 | 9.00 | 9.18 | 9.14 | 9.18 | 8.99 | 8.87 | 8.94 | 8.93 | 8.98 | 8.89 | 8.94 | 8.80 | 8.98 | 8.97 |
|      | 231   | 8.46 | 8.55 | 8.45 | 8.46 | 8.31 | 8.23 | 8.12 | 8.23 | 8.34 | 8.19 | 8.42 | 8.51 | 8.51 | 8.46 | 8.37 |
|      | 232   | 9.02 | 9.03 | 9.10 | 9.00 | 8.90 | 9.02 | 8.45 | 9.12 | 9.71 | 9.19 | 9.10 | 9.12 | 9.14 | 9.18 | 9.08 |
|      | 331   | 8.80 | 8.89 | 8.78 | 8.56 | 8.78 | 8.81 | 8.89 | 8.76 | 9.25 | 9.23 | 9.14 | 8.58 | 9.20 | 9.27 | 8.92 |
|      | 332   | 8.85 | 9.04 | 8.81 | 8.94 | 8.84 | 8.96 | 9.00 | 8.73 | 8.73 | 8.93 | 8.61 | 8.77 | 8.92 | 8.92 | 8.86 |
|      | 431   | 8.96 | 8.72 | 8.61 | 8.74 | 8.68 | 8.57 | 8.45 | 8.60 | 8.56 | 8.66 | 8.97 | 8.69 | 8.72 | 8.65 | 8.68 |
|      | 432   | 8.75 | 8.52 | 8.21 | 8.46 | 8.36 | 8.27 | 8.18 | 8.28 | 8.55 | 8.53 | 8.49 | 8.42 | 8.60 | 8.45 | 8.43 |
|      | 531   | 8.86 | 8.82 | 8.71 | 8.69 | 8.81 | 8.74 | 8.76 | 8.79 | 8.93 | 8.99 | 8.87 | 8.94 | 8.91 | 8.77 | 8.83 |
|      | 532   | 8.27 | 7.98 | 7.86 | 8.00 | 7.97 | 7.88 | 7.81 | 7.92 | 7.93 | 8.04 | 8.11 | 8.04 | 7.95 | 8.23 | 8.00 |
|      | 621   | 8.31 | 8.37 | 8.43 | 8.18 | 7.93 | 7.97 | 8.08 | 8.27 | 7.59 | 8.40 | 8.32 | 7.92 | 8.23 | 8.34 | 8.17 |
|      | 623   | 8.82 | 8.62 | 8.55 | 8.50 | 8.44 | 8.49 | 8.47 | 8.40 | 8.40 | 8.44 | 8.53 | 8.38 | 8.67 | 8.30 | 8.50 |
|      | 731   | 9.24 | 9.06 | 9.09 | 8.64 | 8.79 | 8.75 | 8.35 | 8.85 | 8.79 | 8.74 | 8.82 | 8.68 | 8.81 | 8.74 | 8.81 |
|      | 831   | 9.09 | 8.96 | 8.91 | 8.80 | 9.01 | 8.84 | 7.45 | 9.21 | 9.19 | 9.83 | 9.53 | 9.37 | 9.35 | 9.45 | 9.07 |
|      | 931   | 8.57 | 8.36 | 8.65 | 8.46 | 8.26 | 8.23 | 8.31 | 8.21 | 8.19 | 8.34 | 8.60 | 8.69 | 8.61 | 8.75 | 8.45 |
|      | 932   | 8.71 | 8.49 | 8.41 | 8.36 | 8.28 | 8.29 | 8.32 | 8.29 | 8.18 | 8.30 | 8.20 | 8.49 | 8.48 | 8.48 | 8.38 |
|      | 031   | 8.71 | 8.02 | 8.57 | 8.70 | 8.77 | 8.75 | 8.64 | 8.80 | 8.79 | 8.79 | 8.80 | 8.79 | 8.75 | 8.86 | 8.70 |
|      | 032   | 8.74 | 8.24 | 8.23 | 8.33 | 8.35 | 8.38 | 8.27 | 8.40 | 8.31 | 8.35 | 8.26 | 8.57 | 8.56 | 8.48 | 8.39 |
|      | 141   | 8.87 | 8.80 | 8.78 | 8.59 | 8.79 | 8.53 | 8.57 | 8.59 | 8.36 | 8.32 | 8.37 | 8.32 | 8.31 | 8.33 | 8.54 |
|      | 142   | 9.32 | 8.62 | 8.44 | 8.50 | 8.19 | 8.16 | 8.10 | 8.26 | 8.00 | 7.77 | 7.97 | 7.80 | 7.68 | 7.75 | 8.18 |
|      | 241   | 8.73 | 8.97 | 8.90 | 8.17 |      | 8.75 | 8.58 | 8.65 | 8.83 | 8.83 | 8.86 | 8.92 | 9.02 | 9.03 | 8.16 |
|      | 242   | 8.96 | 8.66 | 8.56 | 8.45 | 8.46 | 8.64 | 8.61 | 8.40 | 8.65 | 8.70 | 8.44 | 8.62 | 8.53 | 8.61 | 8.59 |
|      | 341   | 8.17 | 8.36 | 8.42 | 8.73 | 8.11 | 8.35 | 8.71 | 8.44 | 8.19 | 8.55 | 8.42 | 8.48 | 8.39 | 8.59 | 8.42 |
|      | 342   | 8.73 | 8.75 | 8.79 | 8.76 | 8.70 | 8.92 | 8.99 | 8.10 | 8.66 | 8.64 | 8.55 | 8.91 | 8.85 | 8.89 | 8.73 |
|      | 441   | 8.86 | 8.84 | 8.85 | 8.57 | 8.41 | 8.74 | 8.57 | 8.61 | 8.62 | 8.67 | 8.70 | 8.79 | 8.67 | 8.79 | 8.69 |
|      | 442   | 8.89 | 8.70 | 8.56 | 8.63 | 8.55 | 8.53 | 8.45 | 8.66 | 8.51 | 8.57 | 8.67 | 8.63 | 8.68 | 8.58 | 8.62 |
|      | 541   | 8.56 | 8.41 | 8.21 | 8.19 | 8.29 | 8.24 | 8.55 | 8.71 | 8.67 | 8.64 | 8.70 | 8.66 | 8.68 | 8.87 | 8.53 |
|      | 542   | 8.72 | 7.72 | 8.89 | 8.56 | 8.47 | 8.50 | 8.38 | 8.40 | 8.47 | 8.45 | 8.46 | 8.45 | 8.55 | 8.29 | 8.45 |
|      | 641   | 8.72 | 8.64 | 8.56 | 8.54 | 8.40 | 8.34 | 8.73 | 8.79 | 8.99 | 8.93 | 9.03 | 8.30 | 8.95 | 8.99 | 8.71 |
|      | 642   | 9.33 | 9.01 | 8.55 | 8.47 | 8.44 | 8.46 | 8.18 | 8.52 | 8.27 | 8.62 | 8.46 | 8.64 | 8.64 | 8.68 | 8.59 |
|      | 741   | 9.05 | 9.31 | 9.43 | 9.40 | 9.45 | 9.47 | 9.53 | 9.59 | 9.17 | 9.65 | 9.37 | 9.66 | 9.81 | 9.75 | 9.47 |
|      | 742   | 9.24 | 9.08 | 8.94 | 8.91 | 9.02 | 8.81 | 9.04 | 8.91 | 8.86 | 8.60 | 8.94 | 8.88 | 8.90 | 9.01 | 8.94 |
|      | 841   | 8.74 | 8.60 | 8.72 | 8.54 | 8.71 | 8.93 | 8.87 | 8.90 | 8.88 | 9.00 | 8.96 | 9.10 | 9.13 | 8.85 | 8.85 |
|      | 842   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 941   | 9.38 | 8.82 | 8.74 | 8.73 | 8.71 | 8.59 | 8.76 | 8.67 | 8.69 | 8.56 | 8.66 | 8.73 | 8.78 | 8.74 | 8.75 |
|      | 942   | 8.81 | 8.87 | 8.65 | 8.51 | 8.82 | 8.49 | 8.41 | 8.53 | 8.30 | 8.47 | 8.88 | 8.52 | 8.35 | 8.28 | 8.55 |
|      | 13AVE | 8.76 | 8.63 | 8.62 | 8.59 | 8.57 | 8.54 | 8.38 | 8.58 | 8.61 | 8.70 | 8.69 | 8.64 | 8.72 | 8.72 | 8.62 |
|      | 14AVE | 8.89 | 8.72 | 8.71 | 8.60 | 8.58 | 8.61 | 8.65 | 8.63 | 8.60 | 8.65 | 8.67 | 8.67 | 8.70 | 8.71 | 8.63 |
|      | AVE   | 8.82 | 8.67 | 8.66 | 8.59 | 8.58 | 8.58 | 8.51 | 8.60 | 8.60 | 8.67 | 8.68 | 8.66 | 8.71 | 8.72 | 8.63 |

| 高CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 132   | 9.12 | 8.88 | 8.72 | 8.63 | 8.65 | 8.62 | 8.70 | 8.74 | 8.69 | 8.74 | 8.82 | 8.59 | 8.75 | 8.79 | 8.75 |
|      | 233   | 8.93 | 8.73 | 8.94 | 8.80 | 8.71 | 8.82 | 8.70 | 8.82 | 8.76 | 8.85 | 8.75 | 8.80 | 8.93 | 8.95 | 8.82 |
|      | 234   | 8.67 | 8.53 | 8.39 | 8.48 | 8.51 | 8.53 | 8.35 | 8.29 | 8.47 | 8.58 | 8.51 | 8.49 | 8.50 | 8.56 | 8.49 |
|      | 333   | 8.81 | 8.66 | 8.77 | 8.68 | 8.68 | 9.01 | 8.74 | 9.09 | 9.15 | 9.16 | 8.93 | 9.01 | 9.04 |      | 8.27 |
|      | 334   | 8.75 | 8.74 | 8.79 | 8.75 | 8.56 | 8.73 | 8.42 | 8.72 | 8.75 | 8.83 | 8.64 | 8.83 | 8.66 | 8.66 | 8.70 |
|      | 433   | 8.92 | 8.91 | 8.42 | 8.42 | 8.51 | 8.36 | 8.47 | 8.64 | 8.75 | 8.72 | 8.84 | 8.70 | 8.75 | 8.85 | 8.66 |
|      | 434   | 8.98 | 8.05 | 8.83 | 8.67 | 8.48 | 8.89 | 8.73 | 8.72 | 8.99 | 8.98 | 8.69 | 8.96 | 8.94 | 8.76 | 8.83 |
|      | 533   | 8.90 | 8.76 | 8.68 | 8.57 | 8.43 | 8.55 | 8.78 | 9.12 | 8.80 | 8.98 | 8.65 | 8.71 | 8.81 | 8.85 | 8.76 |
|      | 534   | 9.26 | 8.98 | 8.90 | 8.95 | 8.79 | 8.67 | 8.73 | 8.81 | 9.01 | 8.95 | 9.05 | 8.96 | 8.99 | 9.11 | 8.94 |
|      | 622   | 9.30 | 9.05 | 8.81 | 9.04 | 8.89 | 9.12 | 8.97 | 8.90 | 9.05 | 8.97 | 8.85 | 9.15 | 9.20 | 9.38 | 9.05 |
|      | 624   | 8.91 | 9.21 | 8.96 | 9.03 | 9.06 | 8.74 | 8.65 | 8.86 | 8.59 | 8.75 | 8.74 | 8.60 | 8.77 | 8.81 | 8.83 |
|      | 734   | 8.70 | 8.74 | 8.55 | 8.80 | 8.75 | 8.78 | 8.33 | 8.62 | 8.77 | 8.48 | 8.67 | 8.75 | 8.65 | 8.71 | 8.68 |
|      | 832   | 8.70 | 8.64 | 8.60 | 8.53 | 8.96 | 8.68 | 8.78 | 8.48 | 8.58 | 8.48 | 8.61 | 8.65 | 8.94 | 8.95 | 8.68 |
|      | 933   | 9.22 | 9.10 | 9.06 | 8.94 | 8.85 | 8.88 | 8.80 | 8.73 | 8.87 | 8.88 | 8.83 | 8.28 | 8.91 | 8.86 | 8.87 |
|      | 934   | 8.88 | 8.83 | 8.84 | 8.54 | 8.49 | 8.44 | 8.24 | 8.28 | 8.19 | 8.31 | 8.35 | 8.37 | 8.33 | 8.34 | 8.46 |
|      | 033   | 8.75 | 8.60 | 8.61 | 8.53 | 8.22 | 8.25 | 8.24 | 8.29 | 8.31 | 8.45 | 8.28 | 8.28 | 8.23 | 8.48 | 8.40 |
|      | 034   | 8.76 | 8.67 | 8.54 | 8.45 | 8.53 | 8.43 | 8.47 | 8.52 | 8.48 | 8.39 | 8.51 | 8.44 | 8.37 | 8.48 | 8.50 |
|      | 143   | 9.56 | 9.16 | 8.83 | 8.84 | 8.79 | 8.76 | 8.82 | 8.89 | 8.78 | 8.92 | 8.86 | 9.05 | 9.12 | 8.91 | 8.95 |
|      | 144   | 9.04 | 8.50 | 8.47 | 8.24 | 8.37 | 8.18 | 8.48 | 8.24 | 8.33 | 8.47 | 8.44 | 8.65 | 8.53 | 8.10 | 8.43 |
|      | 243   | 8.45 | 8.49 | 9.05 | 8.59 | 7.75 | 8.40 | 8.46 |      | 8.47 | 8.39 | 8.64 | 8.59 | 8.53 | 8.55 | 7.88 |
|      | 244   | 8.87 | 8.59 | 8.31 | 8.26 | 8.16 | 8.39 | 8.41 | 8.66 | 8.53 | 8.28 | 8.60 | 8.49 | 8.20 | 8.18 | 8.42 |
|      | 343   | 8.40 | 8.17 | 8.19 | 8.06 | 8.10 | 8.13 | 8.21 | 8.04 | 8.06 | 8.36 | 8.52 | 8.35 | 8.29 | 8.17 | 8.22 |
|      | 344   | 9.02 | 8.76 | 8.35 | 8.31 | 8.17 | 8.66 | 8.89 | 8.72 | 8.87 | 8.70 | 8.57 | 8.57 | 8.69 | 8.59 | 8.63 |
|      | 443   | 9.34 | 9.12 | 9.12 | 9.17 | 9.09 | 8.99 | 9.03 | 9.04 | 9.14 | 9.15 | 9.07 | 9.13 | 8.97 | 9.36 | 9.12 |
|      | 444   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 543   | 8.85 | 9.06 | 9.02 | 8.60 | 8.78 | 8.81 | 8.73 | 8.64 | 8.64 | 8.79 | 8.71 | 8.66 | 8.52 | 8.55 | 8.74 |
|      | 544   | 8.82 | 8.76 | 8.75 | 8.61 | 8.60 | 8.49 | 8.59 | 8.55 | 8.39 | 8.48 | 8.48 | 8.25 | 8.52 | 8.47 | 8.55 |
|      | 643   | 9.03 | 8.99 | 8.76 | 8.62 | 8.87 | 8.64 | 8.81 | 8.63 | 8.80 | 8.82 | 8.82 | 8.95 | 9.01 | 8.94 | 8.84 |
|      | 644   | 9.05 | 9.31 | 9.18 | 8.85 | 9.03 | 9.07 | 9.01 | 8.93 | 9.02 | 8.90 | 8.86 | 8.88 | 8.92 | 9.04 | 9.00 |
|      | 743   | 9.06 | 9.08 | 8.99 | 8.70 | 8.75 | 8.78 | 8.72 | 8.80 | 8.79 | 8.79 | 8.74 | 8.61 | 8.74 | 8.81 | 8.81 |
|      | 744   | 8.87 | 8.67 | 8.63 | 8.69 | 8.68 | 8.70 | 8.81 | 8.78 | 8.72 | 8.71 | 8.69 | 8.72 | 8.74 | 8.83 | 8.73 |
|      | 843   | 8.67 | 8.56 | 8.42 | 8.23 | 8.26 | 8.26 | 8.14 | 8.25 | 8.50 | 8.57 | 8.46 | 8.56 | 8.47 | 8.49 | 8.42 |
|      | 844   | 8.52 | 8.56 | 8.58 | 8.21 | 8.43 | 8.40 | 8.29 | 8.32 | 8.52 | 8.30 | 8.22 | 8.21 | 8.33 | 8.42 | 8.38 |
|      | 943   | 8.96 | 8.77 | 8.58 | 8.47 | 8.57 | 8.44 | 8.35 | 8.83 | 8.36 | 8.26 | 8.29 | 8.47 | 8.45 | 8.47 | 8.52 |
|      | 944   | 9.17 | 8.37 | 8.74 | 8.61 | 8.59 | 8.66 | 8.51 | 8.38 | 8.22 | 8.56 | 9.13 | 8.47 | 8.27 | 8.32 | 8.57 |
|      | 13AVE | 8.91 | 8.83 | 8.73 | 8.70 | 8.65 | 8.68 | 8.59 | 8.68 | 8.72 | 8.74 | 8.70 | 8.68 | 8.75 | 8.78 | 8.69 |
|      | 14AVE | 8.92 | 8.76 | 8.70 | 8.53 | 8.53 | 8.57 | 8.60 | 8.61 | 8.60 | 8.61 | 8.65 | 8.62 | 8.61 | 8.60 | 8.60 |
|      | AVE   | 8.92 | 8.79 | 8.72 | 8.61 | 8.59 | 8.63 | 8.60 | 8.65 | 8.66 | 8.67 | 8.68 | 8.65 | 8.68 | 8.69 | 8.64 |

無脂固形分量 KG

| 低CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 131   | 0.46 | 0.98 | 1.66 | 1.85 | 2.11 | 2.13 | 2.18 | 2.13 | 2.19 | 2.19 | 2.12 | 2.10 | 1.97 | 2.04 | 1.86 |
|      | 231   | 1.86 | 2.18 | 2.34 | 2.34 | 2.01 | 2.19 | 1.97 | 2.24 | 2.09 | 2.33 | 2.15 | 2.47 | 2.10 | 2.23 | 2.18 |
|      | 232   | 1.48 | 1.61 | 1.92 | 1.79 | 2.00 | 1.88 | 1.98 | 2.00 | 2.15 | 2.07 | 2.06 | 2.06 | 2.01 | 1.91 | 1.92 |
|      | 331   | 1.88 | 2.39 | 2.40 | 2.63 | 2.92 | 2.81 | 3.05 | 2.84 | 2.97 | 3.21 | 3.09 | 2.95 | 3.08 | 3.10 | 2.81 |
|      | 332   | 2.33 | 2.84 | 2.92 | 3.18 | 3.13 | 3.23 | 3.15 | 2.98 | 2.97 | 3.01 | 3.00 | 3.10 | 3.23 | 3.06 | 3.01 |
|      | 431   | 1.70 | 1.95 | 2.27 | 2.30 | 2.37 | 2.43 | 2.42 | 2.34 | 2.28 | 2.21 | 2.27 | 2.29 | 2.21 | 2.26 | 2.24 |
|      | 432   | 1.88 | 2.06 | 2.12 | 2.28 | 2.30 | 2.22 | 2.22 | 2.36 | 2.39 | 2.32 | 2.35 | 2.36 | 2.40 | 2.35 | 2.26 |
|      | 531   | 2.04 | 2.27 | 2.69 | 2.72 | 2.75 | 2.97 | 2.90 | 2.81 | 3.19 | 3.08 | 2.63 | 2.64 | 2.66 | 2.60 | 2.71 |
|      | 532   | 2.10 | 2.24 | 2.39 | 2.64 | 2.65 | 2.85 | 2.66 | 2.83 | 2.91 | 2.90 | 2.90 | 2.86 | 2.76 | 2.45 | 2.65 |
|      | 621   | 1.66 | 2.09 | 2.21 | 2.26 | 2.47 | 2.22 | 2.44 | 2.60 | 1.81 | 2.40 | 2.41 | 2.38 | 2.55 | 2.67 | 2.30 |
|      | 623   | 2.58 | 2.74 | 2.84 | 2.89 | 2.36 | 2.21 | 2.95 | 2.86 | 3.13 | 2.88 | 3.04 | 2.85 | 3.12 | 3.34 | 2.84 |
|      | 731   | 2.04 | 2.25 | 2.40 | 2.23 | 2.41 | 2.34 | 2.22 | 2.43 | 2.50 | 2.45 | 2.45 | 2.43 | 2.40 | 2.03 | 2.33 |
|      | 831   | 1.57 | 2.04 | 2.24 | 2.36 | 2.57 | 2.61 | 2.16 | 2.70 | 2.69 | 2.70 | 2.65 | 2.69 | 2.51 | 2.64 | 2.44 |
|      | 931   | 2.45 | 1.71 | 2.78 | 2.82 | 2.52 | 2.50 | 2.55 | 2.54 | 2.52 | 2.40 | 2.24 | 2.34 | 2.10 | 1.91 | 2.38 |
|      | 932   | 1.62 | 1.84 | 2.04 | 2.22 | 2.26 | 2.39 | 2.49 | 2.39 | 2.46 | 2.41 | 1.92 | 1.98 | 1.97 | 2.12 | 2.15 |
|      | 031   | 2.01 | 1.96 | 2.22 | 2.49 | 2.72 | 2.76 | 2.59 | 2.55 | 2.54 | 2.43 | 2.39 | 2.32 | 2.38 | 2.48 | 2.42 |
|      | 032   | 1.76 | 2.01 | 2.29 | 2.25 | 2.33 | 2.30 | 2.20 | 2.21 | 2.24 | 2.50 | 2.42 | 2.71 | 2.67 | 2.57 | 2.32 |
|      | 141   | 1.64 | 1.97 | 2.10 | 2.15 | 2.21 | 2.11 | 2.06 | 2.07 | 1.96 | 1.95 | 1.88 | 1.81 | 1.82 | 1.77 | 1.96 |
|      | 142   | 1.82 | 1.85 | 1.92 | 1.90 | 1.60 | 1.62 | 1.50 | 1.44 | 1.30 | 1.20 | 1.12 | 1.12 | 0.90 | 0.71 | 1.43 |
|      | 241   | 2.05 | 2.05 | 2.06 | 1.99 |      | 2.19 | 2.21 | 2.01 | 2.21 | 2.25 | 2.27 | 2.37 | 2.33 | 2.40 | 2.03 |
|      | 242   | 2.33 | 2.42 | 2.48 | 2.51 | 2.59 | 2.68 | 2.68 | 2.61 | 2.59 | 2.58 | 2.04 | 2.34 | 2.30 | 2.36 | 2.47 |
|      | 341   | 2.10 | 2.54 | 2.83 | 2.83 | 2.56 | 2.78 | 2.67 | 2.88 | 2.64 | 2.74 | 2.70 | 2.77 | 2.58 | 2.65 | 2.66 |
|      | 342   | 2.05 | 2.36 | 2.76 | 2.82 | 2.85 | 2.97 | 3.01 | 2.73 | 2.30 | 2.81 | 2.71 | 2.82 | 2.88 | 2.76 | 2.70 |
|      | 441   | 2.11 | 2.18 | 2.40 | 2.40 | 2.36 | 2.42 | 2.19 | 2.41 | 2.44 | 2.54 | 2.59 | 2.63 | 2.50 | 2.45 | 2.40 |
|      | 442   | 1.79 | 1.95 | 2.06 | 2.22 | 2.14 | 2.14 | 1.81 | 2.04 | 1.84 | 2.03 | 1.99 | 1.97 | 1.81 | 1.89 | 1.98 |
|      | 541   | 2.35 | 2.59 | 2.52 | 2.59 | 2.46 | 2.38 | 2.62 | 2.81 | 2.82 | 2.82 | 2.89 | 2.88 | 2.84 | 2.82 | 2.67 |
|      | 542   | 2.33 | 2.37 | 2.96 | 3.00 | 2.99 | 2.99 | 2.74 | 2.89 | 2.95 | 2.91 | 2.91 | 2.78 | 2.89 | 2.71 | 2.81 |
|      | 641   | 2.67 | 2.90 | 2.60 | 2.73 | 2.87 | 2.67 | 3.48 | 3.02 | 2.52 | 2.55 | 2.55 | 2.41 | 2.47 | 2.54 | 2.71 |
|      | 642   | 2.52 | 2.47 | 2.41 | 2.32 | 2.50 | 2.61 | 2.09 | 2.30 | 2.27 | 2.43 | 2.44 | 2.52 | 2.40 | 2.41 | 2.41 |
|      | 741   | 1.35 | 1.75 | 2.12 | 2.29 | 2.32 | 2.46 | 2.55 | 2.60 | 2.61 | 2.76 | 2.47 | 2.72 | 2.70 | 2.84 | 2.40 |
|      | 742   | 2.95 | 3.36 | 3.59 | 3.72 | 3.73 | 3.48 | 3.72 | 3.70 | 3.70 | 3.38 | 3.61 | 3.63 | 3.63 | 3.68 | 3.56 |
|      | 841   | 2.58 | 2.70 | 2.92 | 3.17 | 3.20 | 3.24 | 2.94 | 3.02 | 3.05 | 3.00 | 3.15 | 2.93 | 2.75 | 2.68 | 2.95 |
|      | 842   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 941   | 1.85 | 2.17 | 2.26 | 2.51 | 2.59 | 2.44 | 2.64 | 2.46 | 2.25 | 2.38 | 2.41 | 2.27 | 2.49 | 2.44 | 2.37 |
|      | 942   | 1.91 | 2.40 | 2.51 | 2.41 | 2.45 | 2.31 | 2.29 | 2.21 | 1.92 | 2.06 | 2.00 | 1.88 | 1.68 | 1.77 | 2.13 |
|      | 13AVE | 1.85 | 2.07 | 2.34 | 2.43 | 2.46 | 2.47 | 2.48 | 2.52 | 2.53 | 2.56 | 2.48 | 2.50 | 2.48 | 2.46 | 2.40 |
|      | 14AVE | 2.14 | 2.35 | 2.50 | 2.56 | 2.59 | 2.56 | 2.54 | 2.54 | 2.43 | 2.49 | 2.46 | 2.46 | 2.41 | 2.41 | 2.45 |
|      | AVE   | 1.99 | 2.21 | 2.42 | 2.50 | 2.52 | 2.52 | 2.51 | 2.53 | 2.48 | 2.53 | 2.47 | 2.48 | 2.44 | 2.43 | 2.43 |

| 高CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 132   | 1.82 | 2.06 | 2.15 | 2.29 | 2.33 | 2.32 | 2.38 | 2.38 | 2.52 | 2.49 | 2.44 | 2.43 | 2.56 | 2.54 | 2.34 |
|      | 233   | 1.37 | 1.34 | 1.84 | 1.73 | 1.81 | 1.91 | 1.87 | 1.94 | 2.02 | 2.02 | 1.95 | 2.05 | 2.21 | 2.13 | 1.87 |
|      | 234   | 1.67 | 1.84 | 2.14 | 2.26 | 2.26 | 2.32 | 2.23 | 2.05 | 2.44 | 2.22 | 2.29 | 2.40 | 2.11 | 2.27 | 2.18 |
|      | 333   | 2.49 | 2.75 | 2.95 | 2.76 | 2.94 | 2.98 | 3.03 | 3.17 | 3.12 | 3.15 | 2.77 | 2.81 | 2.78 | 2.69 | 2.69 |
|      | 334   | 2.43 | 2.90 | 3.10 | 3.17 | 3.08 | 2.79 | 3.02 | 3.07 | 3.10 | 3.10 | 3.06 | 3.14 | 3.14 | 3.14 | 3.02 |
|      | 433   | 1.78 | 2.12 | 2.06 | 2.26 | 2.37 | 2.30 | 2.28 | 2.32 | 2.27 | 2.19 | 2.32 | 2.25 | 2.26 | 2.20 | 2.21 |
|      | 434   | 2.17 | 2.55 | 2.83 | 2.91 | 2.91 | 2.94 | 2.75 | 2.86 | 3.09 | 3.12 | 2.98 | 3.10 | 3.03 | 2.95 | 2.87 |
|      | 533   | 2.42 | 2.78 | 3.04 | 3.03 | 3.06 | 3.13 | 3.22 | 3.08 | 3.18 | 3.00 | 3.07 | 3.03 | 3.03 | 3.04 | 3.01 |
|      | 534   | 1.84 | 1.80 | 1.95 | 1.98 | 2.27 | 2.26 | 2.27 | 2.41 | 2.41 | 2.45 | 2.52 | 2.53 | 2.40 | 2.41 | 2.25 |
|      | 622   | 1.86 | 2.26 | 2.34 | 2.71 | 2.77 | 2.72 | 2.78 | 2.58 | 2.90 | 2.72 | 2.66 | 2.67 | 2.76 | 2.63 | 2.60 |
|      | 624   | 2.57 | 3.28 | 2.83 | 2.80 | 2.99 | 2.73 | 2.92 | 2.57 | 2.39 | 2.62 | 2.46 | 2.77 | 2.54 | 2.56 | 2.72 |
|      | 734   | 2.50 | 2.62 | 2.58 | 2.87 | 2.78 | 2.89 | 2.73 | 2.74 | 2.94 | 2.83 | 3.12 | 2.94 | 3.01 | 2.70 | 2.80 |
|      | 832   | 1.43 | 1.85 | 2.21 | 2.45 | 2.68 | 2.68 | 2.77 | 2.68 | 2.66 | 2.53 | 2.70 | 2.63 | 2.77 | 2.64 | 2.48 |
|      | 933   | 2.25 | 2.61 | 2.82 | 2.38 | 2.73 | 2.85 | 2.61 | 2.69 | 2.62 | 2.88 | 2.85 | 2.64 | 2.69 | 2.74 | 2.67 |
|      | 934   | 1.78 | 2.21 | 2.36 | 2.39 | 2.50 | 2.43 | 2.44 | 2.49 | 2.29 | 2.46 | 2.43 | 2.35 | 1.87 | 1.58 | 2.26 |
|      | 033   | 1.89 | 2.25 | 2.55 | 2.56 | 2.63 | 2.71 | 2.69 | 2.63 | 2.73 | 2.89 | 2.58 | 2.56 | 2.52 | 2.73 | 2.57 |
|      | 034   | 1.93 | 2.12 | 2.11 | 2.18 | 2.28 | 2.19 | 2.18 | 2.27 | 2.46 | 2.38 | 2.49 | 2.39 | 2.45 | 2.55 | 2.28 |
|      | 143   | 1.62 | 1.72 | 1.73 | 1.79 | 1.89 | 1.97 | 1.88 | 2.03 | 2.01 | 2.01 | 2.02 | 2.06 | 2.10 | 2.04 | 1.92 |
|      | 144   | 2.42 | 2.44 | 2.51 | 2.47 | 2.37 | 2.37 | 2.45 | 2.34 | 2.32 | 2.34 | 2.36 | 2.35 | 2.48 | 2.37 | 2.40 |
|      | 243   | 2.17 | 2.29 | 2.95 | 2.80 | 2.19 | 2.65 | 2.63 | 2.66 | 2.60 | 2.68 | 2.49 | 2.59 | 2.59 | 2.38 | 2.30 |
|      | 244   | 1.94 | 2.11 | 1.59 | 2.03 | 2.29 | 2.36 | 2.44 | 2.56 | 2.70 | 2.49 | 2.47 | 2.56 | 2.38 | 2.33 | 2.30 |
|      | 343   | 2.31 | 2.77 | 2.88 | 3.05 | 3.08 | 2.80 | 3.00 | 2.62 | 2.91 | 3.02 | 2.87 | 2.83 | 2.83 | 2.80 | 2.84 |
|      | 344   | 2.68 | 2.84 | 2.93 | 3.01 | 2.91 | 3.06 | 3.14 | 3.30 | 3.33 | 3.24 | 3.04 | 3.14 | 3.07 | 3.05 | 3.05 |
|      | 443   | 1.89 | 1.96 | 2.17 | 2.29 | 2.24 | 2.27 | 2.36 | 2.36 | 2.47 | 2.53 | 2.44 | 2.47 | 2.38 | 2.33 | 2.30 |
|      | 444   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 543   | 2.20 | 2.56 | 2.89 | 2.75 | 2.99 | 3.14 | 3.22 | 3.23 | 3.23 | 3.30 | 3.22 | 3.02 | 2.99 | 3.03 | 2.98 |
|      | 544   | 2.37 | 2.80 | 2.95 | 3.08 | 3.07 | 3.03 | 3.15 | 3.09 | 3.05 | 3.11 | 3.02 | 2.84 | 2.96 | 3.02 | 2.97 |
|      | 643   | 2.23 | 2.48 | 2.84 | 2.76 | 2.64 | 2.96 | 2.96 | 2.78 | 2.67 | 2.76 | 2.82 | 2.77 | 2.67 | 2.66 | 2.71 |
|      | 644   | 2.19 | 2.45 | 2.75 | 1.86 | 2.65 | 2.67 | 2.79 | 2.80 | 2.88 | 2.94 | 2.92 | 3.11 | 3.05 | 3.07 | 2.72 |
|      | 743   | 2.47 | 2.81 | 2.71 | 2.53 | 2.62 | 2.69 | 2.70 | 2.88 | 2.77 | 2.59 | 2.83 | 2.73 | 2.85 | 2.78 | 2.71 |
|      | 744   | 2.20 | 2.44 | 2.49 | 2.76 | 2.86 | 2.90 | 3.00 | 2.92 | 2.90 | 2.83 | 2.80 | 2.85 | 2.09 | 2.85 | 2.71 |
|      | 843   | 2.59 | 2.87 | 3.11 | 3.11 | 3.31 | 3.20 | 3.29 | 3.15 | 3.42 | 2.99 | 3.01 | 3.12 | 2.95 | 2.97 | 3.08 |
|      | 844   | 2.87 | 3.05 | 3.12 | 2.85 | 3.20 | 3.20 | 3.18 | 3.19 | 3.12 | 3.11 | 3.02 | 3.06 | 3.21 | 3.26 | 3.10 |
|      | 943   | 2.29 | 2.37 | 2.40 | 2.42 | 2.52 | 2.07 | 2.13 | 2.34 | 2.21 | 2.24 | 2.00 | 2.14 | 1.98 | 1.94 | 2.22 |
|      | 944   | 1.44 | 1.44 | 1.55 | 1.54 | 1.62 | 1.68 | 1.48 | 1.46 | 1.41 | 1.39 | 1.45 | 1.36 | 1.29 | 1.34 | 1.46 |
|      | 13AVE | 2.01 | 2.31 | 2.46 | 2.51 | 2.61 | 2.60 | 2.60 | 2.58 | 2.66 | 2.65 | 2.63 | 2.63 | 2.60 | 2.55 | 2.52 |
|      | 14AVE | 2.23 | 2.44 | 2.56 | 2.53 | 2.62 | 2.65 | 2.69 | 2.71 | 2.68 | 2.65 | 2.64 | 2.58 | 2.61 | 2.61 | 2.58 |
|      | AVE   | 2.12 | 2.37 | 2.51 | 2.52 | 2.61 | 2.62 | 2.65 | 2.64 | 2.68 | 2.66 | 2.64 | 2.64 | 2.59 | 2.58 | 2.55 |

10.乳蛋白質率 %

| 低CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 131   | 4.55 | 3.81 | 3.77 | 3.64 | 3.52 | 3.42 | 3.31 | 3.35 | 3.29 | 3.36 | 3.34 | 3.40 | 3.28 | 3.57 | 3.54 |
|      | 231   | 3.21 | 3.09 | 2.95 | 2.88 | 2.77 | 2.70 | 2.63 | 2.78 | 2.84 | 2.69 | 2.91 | 2.93 | 2.95 | 2.98 | 2.88 |
|      | 232   | 3.67 | 3.43 | 3.30 | 3.19 | 3.14 | 3.14 | 2.87 | 3.21 | 3.21 | 3.29 | 3.29 | 3.33 | 3.41 | 3.42 | 3.28 |
|      | 331   | 3.42 | 3.36 | 3.24 | 3.09 | 3.28 | 3.14 | 3.28 | 3.22 | 3.48 | 3.47 | 3.47 | 3.25 | 3.55 | 3.63 | 3.35 |
|      | 332   | 3.48 | 3.34 | 3.17 | 3.18 | 3.16 | 3.21 | 3.23 | 3.19 | 3.05 | 3.19 | 3.10 | 3.17 | 3.25 | 3.30 | 3.22 |
|      | 431   | 3.70 | 3.24 | 3.04 | 2.99 | 2.89 | 2.94 | 2.98 | 2.99 | 2.98 | 3.12 | 3.19 | 3.21 | 3.18 | 3.18 | 3.12 |
|      | 432   | 3.48 | 2.96 | 2.77 | 2.90 | 2.86 | 2.76 | 2.71 | 2.82 | 2.97 | 2.90 | 2.97 | 2.93 | 3.00 | 2.96 | 2.93 |
|      | 531   | 3.77 | 3.33 | 3.18 | 3.12 | 3.16 | 3.22 | 3.18 | 3.19 | 3.31 | 3.36 | 3.24 | 3.35 | 3.39 | 3.22 | 3.29 |
|      | 532   | 3.40 | 2.91 | 2.91 | 2.88 | 2.83 | 2.73 | 2.73 | 2.82 | 2.83 | 3.56 | 2.92 | 2.89 | 2.92 | 2.96 | 2.95 |
|      | 621   | 3.17 | 3.07 | 3.02 | 2.83 | 2.63 | 2.72 | 2.85 | 2.90 | 2.66 | 2.99 | 2.86 | 2.73 | 2.95 | 2.99 | 2.88 |
|      | 623   | 3.28 | 2.86 | 2.78 | 2.80 | 2.72 | 2.75 | 2.70 | 2.69 | 2.76 | 2.77 | 2.79 | 2.80 | 2.88 | 2.76 | 2.81 |
|      | 731   | 3.88 | 3.47 | 3.37 | 3.00 | 3.13 | 3.04 | 2.96 | 3.11 | 3.14 | 3.11 | 3.16 | 3.06 | 3.17 | 3.15 | 3.20 |
|      | 831   | 3.75 | 3.51 | 3.39 | 3.26 | 3.42 | 3.36 | 2.71 | 3.48 | 3.53 | 3.36 | 3.81 | 3.68 | 3.77 | 3.80 | 3.49 |
|      | 931   | 3.63 | 3.19 | 3.25 | 2.99 | 2.91 | 2.77 | 2.62 | 2.83 | 2.75 | 2.94 | 3.26 | 3.35 | 3.24 | 3.42 | 3.08 |
|      | 932   | 3.25 | 2.96 | 2.99 | 2.90 | 2.90 | 2.85 | 2.89 | 2.86 | 2.81 | 2.84 | 2.98 | 3.11 | 3.13 | 3.14 | 2.97 |
|      | 031   | 3.55 | 2.86 | 3.03 | 3.04 | 3.05 | 3.03 | 2.97 | 3.10 | 3.07 | 3.15 | 3.21 | 3.15 | 3.14 | 3.22 | 3.11 |
|      | 032   | 3.54 | 3.09 | 2.79 | 2.84 | 2.72 | 2.87 | 2.80 | 2.97 | 2.79 | 2.97 | 2.96 | 3.06 | 2.97 | 3.06 | 2.96 |
|      | 141   | 3.57 | 3.37 | 3.23 | 2.92 | 3.08 | 2.96 | 2.98 | 3.00 | 2.84 | 2.90 | 2.93 | 2.95 | 3.05 | 3.06 | 3.06 |
|      | 142   | 3.42 | 3.13 | 2.75 | 2.95 | 2.59 | 2.80 | 2.63 | 2.65 | 2.73 | 2.41 | 2.68 | 2.43 | 2.21 | 2.45 | 2.70 |
|      | 241   | 3.47 | 3.41 | 3.29 | 3.07 |      | 3.18 | 3.09 | 3.10 | 3.29 | 3.24 | 3.25 | 3.27 | 3.35 | 3.31 | 3.02 |
|      | 242   | 3.60 | 3.24 | 3.16 | 3.01 | 2.97 | 3.09 | 3.05 | 2.98 | 3.17 | 3.30 | 3.21 | 3.27 | 3.27 | 3.21 | 3.18 |
|      | 341   | 3.22 | 2.98 | 2.91 | 3.40 | 2.70 | 2.78 | 2.96 | 2.81 | 2.72 | 2.84 | 2.83 | 2.89 | 2.81 | 2.89 | 2.91 |
|      | 342   | 3.40 | 3.25 | 3.22 | 3.14 | 3.02 | 3.18 | 3.26 | 2.52 | 3.09 | 3.08 | 2.99 | 3.25 | 3.27 | 3.24 | 3.14 |
|      | 441   | 3.76 | 3.16 | 2.97 | 2.96 | 3.02 | 2.87 | 2.89 | 2.78 | 2.76 | 2.79 | 2.86 | 2.90 | 2.93 | 2.79 | 2.96 |
|      | 442   | 3.62 | 3.20 | 3.02 | 3.00 | 2.95 | 2.96 | 2.97 | 2.98 | 3.08 | 3.02 | 3.08 | 3.09 | 3.10 | 3.09 | 3.08 |
|      | 541   | 3.48 | 3.11 | 2.91 | 2.78 | 2.86 | 2.82 | 3.02 | 3.14 | 3.10 | 3.08 | 3.12 | 3.12 | 3.15 | 3.23 | 3.07 |
|      | 542   | 3.58 | 2.93 | 3.02 | 2.77 | 2.68 | 2.73 | 2.59 | 2.73 | 2.70 | 2.64 | 2.67 | 2.67 | 2.77 | 2.63 | 2.79 |
|      | 641   | 3.04 | 3.16 | 3.10 | 3.00 | 2.92 | 2.89 | 3.15 | 3.14 | 3.31 | 3.30 | 3.31 | 3.10 | 3.33 | 3.33 | 3.15 |
|      | 642   | 3.73 | 3.48 | 2.97 | 2.83 | 2.78 | 2.76 | 2.63 | 2.85 | 2.78 | 2.94 | 2.81 | 2.95 | 3.05 | 3.08 | 2.97 |
|      | 741   | 3.60 | 3.55 | 3.55 | 3.46 | 3.52 | 3.50 | 3.52 | 3.70 | 3.49 | 3.58 | 3.56 | 3.65 | 3.73 | 3.64 | 3.58 |
|      | 742   | 3.96 | 3.50 | 3.29 | 3.18 | 3.22 | 2.97 | 3.24 | 3.17 | 3.11 | 3.15 | 3.21 | 3.15 | 3.21 | 3.27 | 3.26 |
|      | 841   | 3.43 | 3.17 | 3.12 | 2.98 | 3.12 | 3.25 | 3.25 | 3.27 | 3.29 | 3.38 | 3.36 | 3.50 | 3.60 | 3.48 | 3.30 |
|      | 842   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 941   | 4.39 | 3.61 | 3.31 | 3.24 | 3.17 | 3.10 | 3.15 | 3.14 | 3.15 | 3.10 | 3.22 | 3.17 | 3.26 | 3.10 | 3.29 |
|      | 942   | 3.28 | 3.29 | 2.98 | 2.85 | 2.98 | 2.95 | 2.94 | 2.96 | 2.92 | 2.99 | 3.54 | 3.01 | 2.98 | 2.88 | 3.04 |
|      | 13AVE | 3.57 | 3.20 | 3.12 | 3.03 | 3.00 | 2.98 | 2.91 | 3.03 | 3.03 | 3.12 | 3.15 | 3.14 | 3.19 | 3.22 | 3.12 |
|      | 14AVE | 3.56 | 3.27 | 3.11 | 3.03 | 2.97 | 2.99 | 3.02 | 3.00 | 3.03 | 3.04 | 3.10 | 3.08 | 3.12 | 3.10 | 3.09 |
|      | AVE   | 3.57 | 3.24 | 3.11 | 3.03 | 2.99 | 2.98 | 2.96 | 3.01 | 3.03 | 3.08 | 3.12 | 3.11 | 3.15 | 3.16 | 3.10 |

| 高CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 132   | 3.36 | 2.99 | 2.97 | 2.75 | 2.78 | 2.83 | 2.86 | 2.87 | 2.88 | 2.85 | 2.92 | 2.79 | 2.86 | 2.86 | 2.90 |
|      | 233   | 3.53 | 3.20 | 3.25 | 3.11 | 3.02 | 3.04 | 2.93 | 2.95 | 2.97 | 3.02 | 2.97 | 3.00 | 3.06 | 3.08 | 3.08 |
|      | 234   | 3.34 | 3.07 | 2.93 | 2.88 | 2.87 | 2.85 | 2.78 | 2.78 | 2.89 | 2.89 | 2.97 | 2.93 | 2.94 | 2.98 | 2.94 |
|      | 333   | 3.62 | 3.32 | 3.22 | 3.04 | 3.13 | 3.40 | 3.34 | 3.48 | 3.52 | 3.54 | 3.39 | 3.46 | 3.57 |      | 3.15 |
|      | 334   | 3.32 | 3.26 | 3.17 | 3.18 | 2.93 | 3.10 | 2.96 | 3.09 | 3.07 | 3.20 | 3.11 | 3.11 | 3.09 | 3.09 | 3.12 |
|      | 433   | 3.49 | 3.35 | 3.00 | 2.93 | 2.96 | 2.92 | 2.97 | 3.04 | 3.17 | 3.10 | 3.26 | 3.15 | 3.27 | 3.29 | 3.14 |
|      | 434   | 3.65 | 3.43 | 3.15 | 3.04 | 2.93 | 3.08 | 3.06 | 2.94 | 3.17 | 3.16 | 3.09 | 3.17 | 3.19 | 3.16 | 3.16 |
|      | 533   | 3.41 | 3.16 | 3.11 | 2.86 | 2.89 | 2.85 | 3.02 | 3.25 | 3.04 | 3.19 | 2.94 | 3.06 | 3.09 | 3.11 | 3.07 |
|      | 534   | 3.92 | 3.43 | 3.33 | 3.31 | 3.23 | 3.14 | 3.14 | 3.21 | 3.33 | 3.30 | 3.34 | 3.35 | 3.35 | 3.44 | 3.34 |
|      | 622   | 3.91 | 3.43 | 3.20 | 3.39 | 3.26 | 3.36 | 3.22 | 3.25 | 3.32 | 3.32 | 3.38 | 3.41 | 3.40 | 4.59 | 3.46 |
|      | 624   | 3.36 | 3.45 | 3.06 | 3.26 | 3.26 | 3.10 | 3.08 | 3.12 | 2.89 | 3.04 | 3.03 | 3.13 | 3.10 | 3.18 | 3.15 |
|      | 734   | 3.31 | 3.21 | 2.90 | 3.15 | 3.08 | 3.09 | 3.19 | 3.07 | 3.16 | 3.03 | 3.23 | 3.12 | 3.11 | 3.11 | 3.13 |
|      | 832   | 3.31 | 3.11 | 3.00 | 2.84 | 3.27 | 3.01 | 3.08 | 2.97 | 2.86 | 2.83 | 3.00 | 3.13 | 3.27 | 3.24 | 3.07 |
|      | 933   | 3.68 | 3.38 | 3.26 | 3.11 | 3.18 | 3.04 | 3.07 | 3.04 | 3.09 | 3.12 | 3.04 | 2.85 | 3.11 | 3.08 | 3.15 |
|      | 934   | 3.53 | 3.47 | 3.31 | 3.04 | 2.97 | 2.92 | 2.76 | 2.85 | 2.80 | 2.89 | 2.90 | 2.90 | 2.85 | 2.83 | 3.00 |
|      | 033   | 3.30 | 3.18 | 2.96 | 2.85 | 2.57 | 2.75 | 2.70 | 2.69 | 2.74 | 2.84 | 2.76 | 2.66 | 3.20 | 2.87 | 2.86 |
|      | 034   | 3.30 | 3.11 | 2.94 | 2.88 | 2.88 | 2.79 | 2.91 | 2.91 | 2.93 | 2.88 | 2.94 | 2.88 | 2.88 | 2.87 | 2.94 |
|      | 143   | 3.88 | 3.28 | 3.24 | 3.13 | 2.96 | 3.02 | 3.09 | 3.11 | 3.18 | 3.23 | 3.29 | 3.36 | 3.36 | 3.21 | 3.24 |
|      | 144   | 3.57 | 2.91 | 2.92 | 2.83 | 2.81 | 2.86 | 4.31 | 2.98 | 2.96 | 3.05 | 2.94 | 3.01 | 2.95 | 2.81 | 3.07 |
|      | 243   | 3.19 | 3.22 | 3.33 | 3.04 | 2.51 | 3.07 | 3.05 |      | 3.06 | 3.08 | 3.21 | 3.19 | 3.18 | 3.26 | 2.89 |
|      | 244   | 3.47 | 3.11 | 2.79 | 2.92 | 2.88 | 2.92 | 2.89 | 3.00 | 2.91 | 2.83 | 3.06 | 2.98 | 2.87 | 2.89 | 2.97 |
|      | 343   | 3.40 | 3.05 | 2.97 | 2.86 | 2.80 | 2.84 | 2.81 | 2.81 | 2.81 | 2.94 | 3.01 | 2.96 | 2.94 | 2.84 | 2.93 |
|      | 344   | 3.55 | 3.18 | 2.87 | 2.90 | 2.79 | 3.00 | 3.16 | 3.09 | 3.09 | 3.06 | 3.05 | 2.95 | 3.12 | 3.12 | 3.07 |
|      | 443   | 3.71 | 3.51 | 3.51 | 3.48 | 3.43 | 3.45 | 3.35 | 3.37 | 3.49 | 3.50 | 3.41 | 3.53 | 3.42 | 3.60 | 3.48 |
|      | 444   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 543   | 3.56 | 3.52 | 3.41 | 3.05 | 3.24 | 3.20 | 3.19 | 3.02 | 3.07 | 3.16 | 3.14 | 3.12 | 3.08 | 3.11 | 3.21 |
|      | 544   | 3.26 | 3.01 | 3.00 | 2.86 | 2.86 | 2.77 | 2.83 | 2.81 | 2.74 | 2.80 | 2.78 | 2.71 | 2.83 | 2.79 | 2.86 |
|      | 643   | 3.72 | 3.42 | 3.12 | 2.95 | 3.08 | 2.93 | 2.99 | 2.94 | 3.02 | 3.03 | 3.05 | 3.17 | 3.19 | 3.17 | 3.13 |
|      | 644   | 3.58 | 3.59 | 3.43 | 3.28 | 3.26 | 3.30 | 3.19 | 3.19 | 3.19 | 3.09 | 3.19 | 3.04 | 3.16 | 3.25 | 3.27 |
|      | 743   | 3.51 | 3.40 | 3.29 | 3.05 | 3.13 | 3.08 | 3.11 | 3.19 | 3.13 | 3.32 | 3.16 | 3.12 | 3.19 | 3.17 | 3.20 |
|      | 744   | 3.37 | 3.02 | 2.91 | 2.90 | 2.85 | 2.90 | 2.98 | 2.96 | 2.94 | 2.93 | 2.95 | 2.97 | 3.01 | 3.04 | 2.98 |
|      | 843   | 3.46 | 3.02 | 2.84 | 2.70 | 2.74 | 2.63 | 2.57 | 2.64 | 2.86 | 2.92 | 2.87 | 2.95 | 2.86 | 2.86 | 2.85 |
|      | 844   | 3.15 | 2.97 | 2.94 | 2.70 | 2.78 | 2.73 | 2.68 | 2.69 | 2.83 | 2.69 | 2.68 | 2.60 | 2.76 | 2.82 | 2.79 |
|      | 943   | 3.63 | 3.36 | 3.08 | 3.00 | 3.09 | 2.97 | 2.97 | 3.28 | 3.01 | 2.92 | 2.99 | 3.08 | 3.13 | 3.14 | 3.12 |
|      | 944   | 3.77 | 2.98 | 3.16 | 2.99 | 2.97 | 2.97 | 2.87 | 2.94 | 2.82 | 2.97 | 3.41 | 3.03 | 2.86 | 3.00 | 3.05 |
|      | 13AVE | 3.49 | 3.27 | 3.10 | 3.04 | 3.01 | 3.02 | 3.00 | 3.03 | 3.05 | 3.07 | 3.07 | 3.06 | 3.14 | 3.17 | 3.10 |
|      | 14AVE | 3.52 | 3.21 | 3.11 | 2.98 | 2.95 | 2.98 | 3.06 | 3.00 | 3.01 | 3.03 | 3.07 | 3.05 | 3.05 | 3.06 | 3.06 |
|      | AVE   | 3.50 | 3.24 | 3.11 | 3.01 | 2.98 | 3.00 | 3.03 | 3.02 | 3.03 | 3.05 | 3.07 | 3.05 | 3.10 | 3.12 | 3.08 |

乳蛋白質量 KG

| 低CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 131   | 0.24 | 0.41 | 0.68 | 0.74 | 0.81 | 0.81 | 0.81 | 0.80 | 0.81 | 0.82 | 0.79 | 0.80 | 0.73 | 0.81 | 0.72 |
|      | 231   | 0.71 | 0.79 | 0.82 | 0.80 | 0.67 | 0.72 | 0.64 | 0.76 | 0.71 | 0.76 | 0.74 | 0.85 | 0.73 | 0.79 | 0.75 |
|      | 232   | 0.60 | 0.61 | 0.70 | 0.63 | 0.71 | 0.66 | 0.67 | 0.70 | 0.71 | 0.74 | 0.74 | 0.75 | 0.75 | 0.71 | 0.69 |
|      | 331   | 0.73 | 0.90 | 0.89 | 0.95 | 1.09 | 1.00 | 1.13 | 1.05 | 1.12 | 1.21 | 1.17 | 1.12 | 1.19 | 1.21 | 1.05 |
|      | 332   | 0.92 | 1.05 | 1.05 | 1.13 | 1.12 | 1.16 | 1.13 | 1.09 | 1.04 | 1.08 | 1.08 | 1.12 | 1.18 | 1.13 | 1.09 |
|      | 431   | 0.70 | 0.72 | 0.80 | 0.79 | 0.79 | 0.83 | 0.85 | 0.81 | 0.80 | 0.80 | 0.81 | 0.84 | 0.80 | 0.83 | 0.80 |
|      | 432   | 0.75 | 0.72 | 0.72 | 0.78 | 0.79 | 0.74 | 0.73 | 0.80 | 0.83 | 0.79 | 0.82 | 0.82 | 0.84 | 0.82 | 0.78 |
|      | 531   | 0.87 | 0.86 | 0.98 | 0.98 | 0.98 | 1.09 | 1.05 | 1.02 | 1.18 | 1.15 | 0.96 | 0.99 | 1.01 | 0.96 | 1.01 |
|      | 532   | 0.86 | 0.82 | 0.89 | 0.95 | 0.94 | 0.99 | 0.93 | 1.01 | 1.04 | 1.28 | 1.05 | 1.03 | 1.01 | 0.88 | 0.98 |
|      | 621   | 0.63 | 0.77 | 0.79 | 0.78 | 0.82 | 0.76 | 0.86 | 0.91 | 0.63 | 0.86 | 0.83 | 0.82 | 0.91 | 0.96 | 0.81 |
|      | 623   | 0.96 | 0.91 | 0.92 | 0.95 | 0.76 | 0.72 | 0.94 | 0.91 | 1.03 | 0.95 | 0.99 | 0.95 | 1.04 | 1.11 | 0.94 |
|      | 731   | 0.85 | 0.86 | 0.89 | 0.77 | 0.86 | 0.81 | 0.79 | 0.85 | 0.89 | 0.87 | 0.88 | 0.86 | 0.86 | 0.73 | 0.84 |
|      | 831   | 0.65 | 0.80 | 0.85 | 0.87 | 0.98 | 0.99 | 0.79 | 1.02 | 1.03 | 0.92 | 1.06 | 1.06 | 1.01 | 1.06 | 0.94 |
|      | 931   | 1.04 | 0.96 | 1.05 | 1.00 | 0.89 | 0.84 | 0.80 | 0.87 | 0.85 | 0.84 | 0.85 | 0.90 | 0.79 | 0.75 | 0.89 |
|      | 932   | 0.61 | 0.64 | 0.72 | 0.77 | 0.79 | 0.82 | 0.87 | 0.82 | 0.84 | 0.83 | 0.70 | 0.73 | 0.73 | 0.79 | 0.76 |
|      | 031   | 0.82 | 0.70 | 0.79 | 0.87 | 0.95 | 0.96 | 0.89 | 0.90 | 0.89 | 0.87 | 0.87 | 0.83 | 0.85 | 0.90 | 0.86 |
|      | 032   | 0.71 | 0.75 | 0.78 | 0.77 | 0.76 | 0.79 | 0.74 | 0.78 | 0.75 | 0.89 | 0.87 | 0.97 | 0.93 | 0.93 | 0.82 |
|      | 141   | 0.66 | 0.75 | 0.77 | 0.73 | 0.78 | 0.73 | 0.72 | 0.72 | 0.67 | 0.68 | 0.66 | 0.64 | 0.67 | 0.65 | 0.70 |
|      | 142   | 0.67 | 0.67 | 0.62 | 0.66 | 0.51 | 0.56 | 0.49 | 0.46 | 0.44 | 0.37 | 0.38 | 0.35 | 0.26 | 0.22 | 0.48 |
|      | 241   | 0.82 | 0.78 | 0.76 | 0.75 |      | 0.79 | 0.80 | 0.72 | 0.82 | 0.82 | 0.83 | 0.87 | 0.86 | 0.88 | 0.75 |
|      | 242   | 0.94 | 0.91 | 0.91 | 0.89 | 0.91 | 0.96 | 0.95 | 0.93 | 0.95 | 0.98 | 0.77 | 0.89 | 0.88 | 0.88 | 0.91 |
|      | 341   | 0.83 | 0.90 | 0.98 | 1.10 | 0.85 | 0.93 | 0.91 | 0.96 | 0.88 | 0.91 | 0.91 | 0.94 | 0.86 | 0.89 | 0.92 |
|      | 342   | 0.80 | 0.88 | 1.01 | 1.01 | 0.99 | 1.06 | 1.09 | 0.85 | 0.82 | 1.00 | 0.95 | 1.03 | 1.06 | 1.01 | 0.97 |
|      | 441   | 0.89 | 0.78 | 0.80 | 0.83 | 0.85 | 0.79 | 0.74 | 0.78 | 0.78 | 0.82 | 0.85 | 0.87 | 0.85 | 0.78 | 0.81 |
|      | 442   | 0.73 | 0.72 | 0.73 | 0.77 | 0.74 | 0.74 | 0.63 | 0.70 | 0.66 | 0.71 | 0.71 | 0.71 | 0.65 | 0.68 | 0.71 |
|      | 541   | 0.96 | 0.96 | 0.89 | 0.88 | 0.85 | 0.82 | 0.92 | 1.01 | 1.01 | 1.01 | 1.04 | 1.04 | 1.03 | 1.03 | 0.96 |
|      | 542   | 0.96 | 0.90 | 1.01 | 0.97 | 0.95 | 0.96 | 0.85 | 0.94 | 0.94 | 0.91 | 0.92 | 0.88 | 0.94 | 0.86 | 0.93 |
|      | 641   | 0.93 | 1.06 | 0.94 | 0.96 | 1.00 | 0.93 | 1.25 | 1.08 | 0.93 | 0.94 | 0.93 | 0.90 | 0.92 | 0.94 | 0.98 |
|      | 642   | 1.01 | 0.95 | 0.84 | 0.78 | 0.82 | 0.85 | 0.67 | 0.77 | 0.76 | 0.83 | 0.81 | 0.86 | 0.85 | 0.86 | 0.83 |
|      | 741   | 0.54 | 0.67 | 0.80 | 0.84 | 0.87 | 0.91 | 0.94 | 1.00 | 0.99 | 1.02 | 0.94 | 1.03 | 1.03 | 1.06 | 0.90 |
|      | 742   | 1.26 | 1.29 | 1.32 | 1.33 | 1.33 | 1.17 | 1.33 | 1.32 | 1.30 | 1.24 | 1.30 | 1.29 | 1.31 | 1.34 | 1.29 |
|      | 841   | 1.01 | 1.00 | 1.05 | 1.11 | 1.15 | 1.18 | 1.08 | 1.11 | 1.13 | 1.13 | 1.18 | 1.13 | 1.08 | 1.05 | 1.10 |
|      | 842   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 941   | 0.87 | 0.89 | 0.86 | 0.93 | 0.94 | 0.88 | 0.95 | 0.89 | 0.82 | 0.86 | 0.90 | 0.83 | 0.92 | 0.87 | 0.89 |
|      | 942   | 0.71 | 0.89 | 0.86 | 0.81 | 0.85 | 0.80 | 0.80 | 0.77 | 0.67 | 0.73 | 0.80 | 0.66 | 0.60 | 0.61 | 0.75 |
|      | 13AVE | 0.74 | 0.78 | 0.84 | 0.85 | 0.86 | 0.86 | 0.86 | 0.89 | 0.89 | 0.92 | 0.90 | 0.91 | 0.90 | 0.90 | 0.87 |
|      | 14AVE | 0.86 | 0.88 | 0.89 | 0.90 | 0.90 | 0.89 | 0.89 | 0.88 | 0.86 | 0.88 | 0.87 | 0.88 | 0.87 | 0.86 | 0.88 |
|      | AVE   | 0.80 | 0.83 | 0.87 | 0.88 | 0.88 | 0.87 | 0.88 | 0.89 | 0.87 | 0.90 | 0.88 | 0.89 | 0.89 | 0.88 | 0.87 |

| 高CP区 | NO    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 平均   |
|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      | 132   | 0.67 | 0.69 | 0.73 | 0.73 | 0.75 | 0.76 | 0.78 | 0.78 | 0.83 | 0.81 | 0.81 | 0.79 | 0.84 | 0.83 | 0.77 |
|      | 233   | 0.54 | 0.49 | 0.67 | 0.61 | 0.63 | 0.66 | 0.63 | 0.65 | 0.69 | 0.69 | 0.66 | 0.70 | 0.76 | 0.73 | 0.65 |
|      | 234   | 0.64 | 0.66 | 0.75 | 0.77 | 0.76 | 0.78 | 0.74 | 0.69 | 0.83 | 0.75 | 0.80 | 0.83 | 0.73 | 0.79 | 0.75 |
|      | 333   | 1.02 | 1.05 | 1.08 | 0.97 | 1.06 | 1.12 | 1.16 | 1.21 | 1.20 | 1.22 | 1.05 | 1.08 | 1.10 | 1.10 | 1.02 |
|      | 334   | 0.92 | 1.08 | 1.12 | 1.15 | 1.05 | 0.99 | 1.06 | 1.09 | 1.09 | 1.12 | 1.10 | 1.11 | 1.12 | 1.12 | 1.08 |
|      | 433   | 0.70 | 0.80 | 0.73 | 0.79 | 0.83 | 0.80 | 0.80 | 0.82 | 0.82 | 0.78 | 0.86 | 0.82 | 0.84 | 0.82 | 0.80 |
|      | 434   | 0.88 | 0.97 | 1.01 | 1.02 | 1.01 | 1.02 | 0.96 | 0.96 | 1.09 | 1.10 | 1.06 | 1.10 | 1.08 | 1.06 | 1.02 |
|      | 533   | 0.93 | 1.00 | 1.09 | 1.01 | 1.05 | 1.04 | 1.11 | 1.10 | 1.10 | 1.07 | 1.04 | 1.07 | 1.06 | 1.07 | 1.05 |
|      | 534   | 0.78 | 0.69 | 0.73 | 0.73 | 0.83 | 0.82 | 0.82 | 0.88 | 0.89 | 0.90 | 0.93 | 0.95 | 0.90 | 0.91 | 0.84 |
|      | 622   | 0.78 | 0.86 | 0.85 | 1.02 | 1.02 | 1.00 | 1.00 | 0.94 | 1.06 | 1.01 | 1.01 | 0.99 | 1.02 | 1.29 | 0.99 |
|      | 624   | 0.97 | 1.23 | 0.97 | 1.01 | 1.08 | 0.97 | 1.04 | 0.91 | 0.80 | 0.91 | 0.86 | 1.01 | 0.90 | 0.92 | 0.97 |
|      | 734   | 0.95 | 0.96 | 0.87 | 1.03 | 0.98 | 1.02 | 1.04 | 0.98 | 1.06 | 1.01 | 1.14 | 1.05 | 1.08 | 0.96 | 1.01 |
|      | 832   | 0.54 | 0.67 | 0.77 | 0.81 | 0.98 | 0.93 | 0.97 | 0.94 | 0.89 | 0.85 | 0.94 | 0.95 | 1.01 | 0.96 | 0.87 |
|      | 933   | 0.90 | 0.97 | 1.02 | 0.83 | 0.98 | 0.98 | 0.91 | 0.94 | 0.91 | 1.01 | 0.98 | 0.91 | 0.94 | 0.95 | 0.95 |
|      | 934   | 0.71 | 0.87 | 0.88 | 0.85 | 0.87 | 0.84 | 0.82 | 0.86 | 0.78 | 0.85 | 0.84 | 0.81 | 0.64 | 0.54 | 0.80 |
|      | 033   | 0.71 | 0.83 | 0.88 | 0.86 | 0.82 | 0.90 | 0.88 | 0.85 | 0.90 | 0.97 | 0.86 | 0.82 | 0.98 | 0.92 | 0.87 |
|      | 034   | 0.73 | 0.76 | 0.73 | 0.74 | 0.77 | 0.72 | 0.75 | 0.78 | 0.85 | 0.82 | 0.86 | 0.82 | 0.85 | 0.86 | 0.79 |
|      | 143   | 0.66 | 0.62 | 0.64 | 0.63 | 0.64 | 0.68 | 0.66 | 0.71 | 0.73 | 0.73 | 0.75 | 0.76 | 0.78 | 0.73 | 0.69 |
|      | 144   | 0.96 | 0.83 | 0.87 | 0.85 | 0.80 | 0.83 | 1.24 | 0.85 | 0.83 | 0.84 | 0.82 | 0.82 | 0.86 | 0.82 | 0.87 |
|      | 243   | 0.82 | 0.87 | 1.09 | 0.99 | 0.71 | 0.97 | 0.95 |      | 0.96 | 0.96 | 1.00 | 0.92 | 0.97 | 0.99 | 0.87 |
|      | 244   | 0.76 | 0.76 | 0.53 | 0.72 | 0.81 | 0.82 | 0.84 | 0.89 | 0.92 | 0.85 | 0.88 | 0.90 | 0.83 | 0.82 | 0.81 |
|      | 343   | 0.94 | 1.04 | 1.04 | 1.08 | 1.06 | 0.98 | 1.03 | 0.92 | 1.01 | 1.06 | 1.01 | 1.00 | 1.00 | 0.97 | 1.01 |
|      | 344   | 1.05 | 1.03 | 1.01 | 1.05 | 0.99 | 1.06 | 1.11 | 1.17 | 1.16 | 1.14 | 1.08 | 1.08 | 1.10 | 1.11 | 1.08 |
|      | 443   | 0.75 | 0.76 | 0.84 | 0.87 | 0.85 | 0.87 | 0.87 | 0.88 | 0.94 | 0.97 | 0.92 | 0.96 | 0.91 | 0.89 | 0.88 |
|      | 444   |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|      | 543   | 0.88 | 1.00 | 1.09 | 0.97 | 1.11 | 1.14 | 1.18 | 1.13 | 1.15 | 1.19 | 1.16 | 1.09 | 1.08 | 1.10 | 1.09 |
|      | 544   | 0.88 | 0.96 | 1.01 | 1.02 | 1.02 | 0.99 | 1.04 | 1.02 | 1.00 | 1.03 | 0.99 | 0.93 | 0.98 | 0.99 | 0.99 |
|      | 643   | 0.92 | 0.94 | 1.01 | 0.94 | 0.92 | 1.00 | 1.00 | 0.95 | 0.91 | 0.95 | 0.98 | 0.98 | 0.94 | 0.95 | 0.96 |
|      | 644   | 0.87 | 0.94 | 1.03 | 0.69 | 0.96 | 0.97 | 0.99 | 1.00 | 1.02 | 1.02 | 1.05 | 1.06 | 1.08 | 1.11 | 0.98 |
|      | 743   | 0.96 | 1.05 | 0.99 | 0.89 | 0.94 | 0.94 | 0.96 | 1.04 | 0.99 | 0.98 | 1.02 | 0.99 | 1.04 | 1.00 | 0.99 |
|      | 744   | 0.84 | 0.85 | 0.84 | 0.92 | 0.94 | 0.97 | 1.02 | 0.98 | 0.98 | 0.95 | 0.95 | 0.97 | 0.97 | 0.98 | 0.94 |
|      | 843   | 1.03 | 1.01 | 1.05 | 1.02 | 1.10 | 1.02 | 1.04 | 1.01 | 1.15 | 1.02 | 1.02 | 1.08 | 1.00 | 1.00 | 1.04 |
|      | 844   | 1.06 | 1.06 | 1.07 | 0.94 | 1.06 | 1.04 | 1.03 | 1.03 | 1.04 | 1.01 | 0.98 | 0.97 | 1.06 | 1.09 | 1.03 |
|      | 943   | 0.93 | 0.91 | 0.86 | 0.86 | 0.91 | 0.73 | 0.76 | 0.87 | 0.80 | 0.79 | 0.72 | 0.78 | 0.73 | 0.72 | 0.81 |
|      | 944   | 0.59 | 0.51 | 0.56 | 0.54 | 0.56 | 0.57 | 0.50 | 0.51 | 0.48 | 0.48 | 0.54 | 0.49 | 0.45 | 0.48 | 0.52 |
|      | 13AVE | 0.79 | 0.86 | 0.88 | 0.88 | 0.91 | 0.90 | 0.91 | 0.90 | 0.93 | 0.93 | 0.93 | 0.93 | 0.93 | 0.92 | 0.90 |
|      | 14AVE | 0.88 | 0.89 | 0.91 | 0.88 | 0.90 | 0.92 | 0.95 | 0.94 | 0.94 | 0.94 | 0.93 | 0.93 | 0.93 | 0.93 | 0.92 |
|      | AVE   | 0.83 | 0.87 | 0.89 | 0.88 | 0.91 | 0.91 | 0.93 | 0.92 | 0.94 | 0.94 | 0.93 | 0.93 | 0.93 | 0.92 | 0.91 |
|      | MAX   | 1.06 | 1.23 | 1.12 | 1.15 | 1.11 | 1.14 | 1.24 | 1.21 | 1.20 | 1.22 | 1.16 | 1.11 | 1.12 | 1.29 | 1.09 |
|      | MIN   | 0.54 | 0.49 | 0.53 | 0.54 | 0.56 | 0.57 | 0.50 | 0.51 | 0.48 | 0.48 | 0.54 | 0.49 | 0.45 | 0.48 | 0.52 |

12 体細胞数 千/ml

| 低CP区 | NO    | 1       | 2       | 3      | 4      | 5      | 6      | 7       | 8      | 9      | 10     | 11      | 12     | 13      | 14     | 平均     |
|------|-------|---------|---------|--------|--------|--------|--------|---------|--------|--------|--------|---------|--------|---------|--------|--------|
|      | 131   | 692.00  | 390.00  | 80.00  | 90.00  | 20.00  | 27.00  | 30.00   | 20.00  | 20.00  | 30.00  | 38.00   | 30.00  | 20.00   | 50.00  | 109.79 |
|      | 231   | 80.39   | 67.52   | 65.78  | 41.12  | 56.78  | 50.49  | 50.30   | 26.05  | 23.37  | 42.90  | 27.22   | 25.27  | 35.83   | 25.70  | 44.19  |
|      | 232   | 64.82   | 73.94   | 38.57  | 24.21  | 31.70  | 17.03  | 32.39   | 35.71  | 22.10  | 24.99  | 24.76   | 23.16  | 27.17   | 22.88  | 33.10  |
|      | 331   | 69.00   | 72.00   | 60.00  | 21.00  | 54.00  | 42.00  | 29.00   | 30.00  | 29.60  | 24.00  | 19.00   | 471.00 | 36.40   | 22.00  | 69.93  |
|      | 332   | 247.00  | 45.00   |        | 46.40  | 46.00  | 38.00  | 18.00   | 27.40  | 30.00  | 24.00  | 37.00   | 28.00  | 27.00   | 21.00  | 48.83  |
|      | 431   | 222.80  | 47.30   | 54.00  | 57.10  | 110.40 | 50.00  | 67.30   | 52.70  | 72.70  | 84.10  | 105.80  | 152.10 | 117.70  | 77.00  | 90.79  |
|      | 432   | 48.40   | 16.90   | 40.90  | 39.60  | 48.30  | 20.80  | 38.10   | 52.10  | 47.30  | 40.60  | 45.70   | 54.30  | 38.20   | 32.60  | 40.27  |
|      | 531   | 262.00  | 28.00   | 21.00  | 31.00  | 24.00  | 24.00  | 28.00   | 42.00  | 20.00  | 21.00  | 27.00   | 32.00  | 23.00   | 5.00   | 42.00  |
|      | 532   | 246.00  | 68.00   | 76.00  | 58.00  | 29.00  | 35.00  | 12.00   | 12.00  | 13.00  | 13.00  | 14.00   | 12.00  | 65.00   | 35.00  | 49.14  |
|      | 621   | 13.16   | 10.70   | 9.75   | 8.48   | 24.15  | 6.88   | 13.53   | 4.59   | 8.72   | 4.25   | 4.57    | 8.12   | 5.86    | 4.22   | 9.07   |
|      | 623   | 27.31   | 32.06   | 3.48   | 5.00   | 3.25   | 2.18   | 2.42    | 2.11   | 2.62   | 4.30   | 2.52    | 10.36  | 2.10    | 2.00   | 7.26   |
|      | 731   | 271.85  | 83.00   | 88.91  | 20.97  | 60.96  | 45.54  | 57.86   | 31.11  | 39.09  | 29.96  | 48.35   | 27.66  | 26.59   | 43.25  | 62.51  |
|      | 831   | 125.90  | 15.70   | 6.90   | 5.60   | 4.40   | 17.40  | 5.10    | 2.70   | 3.80   | 5.60   | 5.00    | 5.80   | 5.60    | 6.20   | 15.41  |
|      | 931   | 109.30  | 222.37  | 112.08 | 78.65  | 161.86 | 13.36  | 6.10    | 7.93   | 4.60   | 16.10  | 16.67   | 11.66  | 11.62   | 37.96  | 57.88  |
|      | 932   | 3.91    | 17.47   | 9.30   | 13.76  | 85.73  | 15.93  | 21.32   | 31.82  | 38.57  | 30.24  | 528.33  | 304.60 | 228.97  | 160.86 | 106.49 |
|      | 031   | 47.41   | 38.53   | 10.00  | 8.84   | 12.36  | 9.69   | 9.59    | 14.68  | 11.03  | 15.72  | 18.63   | 31.15  | 14.47   | 18.82  | 18.64  |
|      | 032   | 8.74    | 8.24    | 8.23   | 8.33   | 8.35   | 8.38   | 8.27    | 8.40   | 8.31   | 8.35   | 8.26    | 8.57   | 8.56    | 8.48   | 8.39   |
|      | 141   | 52.00   | 63.00   | 42.00  | 48.00  | 53.00  | 64.00  | 51.00   | 73.00  | 86.42  | 59.10  | 59.60   | 59.60  | 47.99   | 95.44  | 61.01  |
|      | 142   | 44.00   | 41.00   | 32.48  | 25.42  | 16.21  | 27.34  | 40.96   | 22.87  | 16.15  | 49.07  | 38.78   | 31.24  | 27.11   | 63.41  | 34.00  |
|      | 241   | 93.95   | 929.33  | 30.12  | 378.79 |        | 36.55  | 83.10   | 77.58  | 37.65  | 39.22  | 31.24   | 32.56  | 53.86   | 21.88  | 131.85 |
|      | 242   | 108.41  | 65.63   | 70.41  | 60.06  | 52.98  | 48.52  | 29.44   | 32.21  | 24.50  | 29.80  | 3063.76 | 376.64 | 1196.09 | 701.52 | 418.57 |
|      | 341   | 323.00  | 96.74   | 64.00  | 341.00 | 45.00  | 35.00  | 52.00   | 31.00  | 86.00  | 21.00  | 50.58   | 39.00  | 30.00   | 32.00  | 89.02  |
|      | 342   | 341.00  | 128.00  | 228.00 | 117.33 | 252.00 | 256.00 | 298.00  | 166.23 | 294.00 | 486.00 | 847.00  | 416.70 | 517.00  | 435.00 | 341.59 |
|      | 441   | 23.70   | 32.00   | 21.20  | 37.60  | 76.20  | 41.30  | 1222.50 | 101.30 | 40.10  | 27.10  | 50.00   | 35.30  | 47.80   | 69.50  | 130.40 |
|      | 442   | 103.00  | 63.10   | 37.90  | 50.70  | 84.00  | 63.40  | 58.20   | 76.80  | 68.70  | 62.00  | 94.20   | 45.00  | 41.00   | 74.10  | 65.86  |
|      | 541   | 86.00   | 116.00  | 50.00  | 107.00 | 45.00  | 32.00  | 16.00   | 13.00  | 11.00  | 20.00  | 22.00   | 23.00  | 30.00   | 16.00  | 41.93  |
|      | 542   | 103.00  | 99.00   | 27.00  | 24.00  | 15.00  | 32.00  | 12.00   | 44.00  | 19.00  | 23.00  | 22.00   | 20.00  | 22.00   | 25.00  | 34.79  |
|      | 641   | 70.16   | 46.07   | 37.43  | 139.81 | 141.83 | 116.66 | 107.44  | 52.35  | 67.57  | 91.43  | 104.37  | 182.20 | 65.98   | 61.18  | 91.75  |
|      | 642   | 109.63  | 187.15  | 149.78 | 129.12 | 58.86  | 130.64 | 182.02  | 189.11 | 131.65 | 116.23 | 143.32  | 97.21  | 211.05  | 214.34 | 146.44 |
|      | 741   | 57.79   | 75.57   | 88.43  | 66.05  | 111.91 | 55.86  | 65.61   | 144.40 | 65.82  | 74.76  | 99.00   | 86.40  | 70.82   | 45.88  | 79.16  |
|      | 742   | 4548.35 | 142.51  | 275.39 | 119.17 | 239.90 | 187.63 | 226.00  | 158.46 | 242.31 | 433.16 | 267.80  | 170.30 | 98.53   | 106.29 | 515.41 |
|      | 841   | 6.70    | 4.00    | 3.80   | 3.40   | 3.60   | 9.70   | 4.20    | 2.60   | 6.80   | 1.90   | 3.40    | 10.20  | 4.70    | 4.00   | 4.93   |
|      | 842   |         |         |        |        |        |        |         |        |        |        |         |        |         |        |        |
|      | 941   | 3359.00 | 2279.00 | 124.00 | 73.00  | 31.00  | 92.00  | 148.00  | 269.00 | 205.00 | 399.00 | 214.00  | 101.00 | 333.00  | 192.00 | 558.50 |
|      | 942   | 27.00   | 22.00   | 23.00  | 20.00  | 24.00  | 23.00  | 13.00   | 24.00  | 13.00  | 19.00  | 1198.00 | 129.00 | 13.00   | 46.00  | 113.86 |
|      | 13AVE | 149.41  | 72.75   | 42.81  | 32.83  | 45.96  | 24.92  | 25.25   | 23.61  | 23.23  | 24.65  | 57.11   | 72.69  | 40.83   | 33.70  | 47.86  |
|      | 14AVE | 556.28  | 258.24  | 76.76  | 102.38 | 78.16  | 73.62  | 153.50  | 86.94  | 83.28  | 114.81 | 371.12  | 109.14 | 165.29  | 129.62 | 168.18 |
|      | AVE   | 352.84  | 165.50  | 60.30  | 67.60  | 61.57  | 49.27  | 89.37   | 55.27  | 53.25  | 69.73  | 214.11  | 90.91  | 103.06  | 81.66  | 108.02 |

| 高CP区 | NO  | 1      | 2       | 3      | 4      | 5      | 6       | 7      | 8      | 9      | 10      | 11      | 12      | 13      | 14     | 平均     |
|------|-----|--------|---------|--------|--------|--------|---------|--------|--------|--------|---------|---------|---------|---------|--------|--------|
|      | 132 | 30.00  | 50.00   | 50.00  | 40.00  | 40.00  | 130.00  | 47.00  | 80.00  | 10.00  | 30.00   | 33.00   | 40.00   | 10.00   | 10.00  | 42.86  |
|      | 233 | 107.05 | 63.10   | 77.34  | 59.36  | 38.69  | 42.95   | 36.02  | 37.38  | 28.75  | 25.91   | 25.79   | 52.14   | 20.45   | 23.45  | 45.60  |
|      | 234 | 46.67  | 55.66   | 58.00  | 29.81  | 27.53  | 40.00   | 29.77  | 36.62  | 27.88  | 16.92   | 40.20   | 31.92   | 24.04   | 26.76  | 35.13  |
|      | 333 | 362.00 | 119.00  | 43.00  | 71.50  | 42.00  | 15.00   | 20.00  | 13.80  | 15.00  | 26.00   | 26.00   | 8.20    | 20.00   |        | 55.82  |
|      | 334 | 69.00  | 30.00   | 33.00  | 41.40  | 21.00  | 17.00   | 28.00  | 30.80  | 14.00  | 17.00   | 13.00   | 9.80    | 8.00    | 22.00  | 25.29  |
|      | 433 | 75.60  | 48.00   | 32.50  | 41.60  | 56.50  | 40.90   | 93.60  | 67.70  | 50.10  | 143.50  | 80.80   | 59.80   | 82.90   | 40.30  | 65.27  |
|      | 434 | 53.90  | 25.20   | 43.30  | 26.70  | 38.60  | 22.90   | 25.20  | 46.90  | 36.80  | 29.00   | 35.40   | 44.80   | 34.40   | 85.00  | 39.15  |
|      | 533 | 81.00  | 73.00   | 46.00  | 26.00  | 29.00  | 30.00   | 46.00  | 16.00  | 22.00  | 14.00   | 42.00   | 29.00   | 34.00   | 24.00  | 36.57  |
|      | 534 | 123.00 | 70.00   | 73.00  | 86.00  | 87.00  | 64.00   | 47.00  | 43.00  | 50.00  | 41.00   | 44.00   | 41.00   | 42.00   | 45.00  | 61.14  |
|      | 622 | 8.32   | 18.96   | 45.92  | 52.48  | 3.38   | 6.49    | 5.04   | 3.90   | 2.72   | 66.76   | 2.42    | 7.13    | 7.00    | 3.04   | 16.68  |
|      | 624 | 4.56   | 3.09    | 3.94   | 2.59   | 9.08   | 3.04    | 8.99   | 4.94   | 2.79   | 2.87    | 3.35    | 5.38    | 4.00    | 3.76   | 4.46   |
|      | 734 | 40.31  | 14.98   | 17.25  | 13.44  | 30.12  | 16.79   | 177.16 | 36.44  | 1.00   | 7.20    | 15.54   | 55.55   | 4.44    | 4.06   | 31.02  |
|      | 832 | 6.50   | 4.00    | 11.20  | 4.10   | 6.20   | 3.80    | 7.00   | 8.70   | 2.60   | 5.50    | 7.90    | 9.70    | 4.80    | 4.40   | 6.17   |
|      | 933 | 3.89   | 3.13    | 1.91   | 4.63   | 4.38   | 1.82    | 3.39   | 2.01   | 4.64   | 3.43    | 6.87    | 142.20  | 2.32    | 2.28   | 13.35  |
|      | 934 | 16.15  | 7.20    | 2.64   | 1.60   | 1.31   | 1.48    | 1.54   | 140.61 | 5.32   | 2.23    | 4.95    | 7.36    | 4.38    | 65.42  | 18.73  |
|      | 033 | 6.05   | 6.27    | 4.15   | 4.79   | 2.96   | 3.50    | 3.82   | 4.12   | 5.68   | 3.75    | 4.00    | 6.00    | 4.51    | 3.11   | 4.48   |
|      | 034 | 17.00  | 8.31    | 6.49   | 8.84   | 6.51   | 4.89    | 6.44   | 4.21   | 5.20   | 7.02    | 6.73    | 6.57    | 12.35   | 3.11   | 7.41   |
|      | 143 | 103.00 | 50.00   | 203.00 | 144.00 | 38.42  | 36.23   | 35.12  | 26.92  | 31.73  | 44.03   | 26.81   | 13.10   | 37.68   | 14.77  | 57.49  |
|      | 144 | 287.00 | 93.55   | 62.98  | 92.83  | 104.42 | 262.31  | 326.24 | 252.74 | 366.55 | 529.18  | 560.69  | 214.43  | 112.37  | 552.99 | 272.73 |
|      | 243 | 831.43 | 1348.71 | 82.95  | 79.33  | 110.43 | 45.29   | 34.44  |        | 40.14  | 35.86   | 36.77   | 36.67   | 768.61  | 328.21 | 269.92 |
|      | 244 | 45.31  | 288.11  | 821.70 | 719.66 | 261.29 | 266.63  | 334.31 | 345.75 | 360.54 | 1116.88 | 2117.21 | 1218.62 | 3547.37 | 276.93 | 837.17 |
|      | 343 | 452.00 | 186.00  | 711.00 | 195.00 | 87.00  | 1247.70 | 752.00 | 39.22  | 97.00  | 43.00   | 65.00   | 81.62   | 56.00   | 87.00  | 292.82 |
|      | 344 | 162.00 | 61.62   | 52.00  | 73.00  | 63.00  | 38.00   | 61.00  | 22.00  | 24.00  | 76.00   | 56.53   | 56.00   | 51.00   | 53.00  | 60.65  |
|      | 443 | 38.20  | 41.20   | 41.40  | 48.30  | 19.00  | 19.30   | 20.40  | 31.30  | 8.00   | 34.70   | 15.40   | 14.20   | 14.60   | 35.60  | 27.26  |
|      | 444 |        |         |        |        |        |         |        |        |        |         |         |         |         |        |        |
|      | 543 | 95.00  | 128.00  | 132.00 | 170.00 | 134.00 | 139.00  | 136.00 | 140.00 | 122.00 | 139.00  | 122.00  | 114.00  | 136.00  | 159.00 | 133.29 |
|      | 544 | 54.00  | 35.00   | 19.00  | 19.00  | 28.00  | 29.00   | 30.00  | 22.00  | 33.00  | 40.00   | 40.00   | 32.00   | 19.00   | 32.00  | 30.86  |
|      | 643 | 267.95 | 308.38  | 127.30 | 66.06  | 28.48  | 141.13  | 51.17  | 151.50 | 86.54  | 20.79   | 113.06  | 32.32   | 329.24  | 128.79 | 132.34 |
|      | 644 | 680.15 | 100.16  | 223.40 | 83.00  | 110.10 | 63.74   | 244.00 | 38.29  | 39.09  | 36.61   | 141.48  | 27.74   | 25.74   | 24.56  | 131.29 |
|      | 743 | 55.99  | 40.60   | 115.80 | 55.54  | 51.58  | 24.91   | 113.04 | 68.11  | 29.70  | 1411.81 | 43.24   | 63.29   | 27.25   | 45.06  | 153.28 |
|      | 744 | 75.18  | 70.40   | 43.51  | 27.19  | 23.13  | 37.98   | 31.59  | 45.60  | 41.08  | 79.29   | 51.92   | 25.95   | 33.12   | 51.59  | 45.54  |
|      | 843 | 46.10  | 14.70   | 12.60  | 6.00   | 18.60  | 7.50    | 4.30   | 9.10   | 8.90   | 6.00    | 18.60   | 10.20   | 8.80    | 6.20   | 12.69  |
|      | 844 | 20.00  | 42.00   | 46.30  | 29.10  | 4.80   | 5.20    | 2.20   | 3.50   | 1.50   | 1.30    | 2.00    | 1.80    | 2.70    | 1.60   | 11.71  |
|      | 943 | 118.00 | 74.00   | 29.00  | 34.00  | 38.00  | 33.00   | 28.00  | 43.00  | 31.00  | 29.00   | 27.00   | 66.00   | 100.00  | 23.00  | 48.07  |
|      | 944 | 243.00 | 136.00  | 63.00  | 131.00 | 256.00 | 145.00  | 194.00 | 183.00 | 94.00  | 131.00  |         |         |         |        |        |

13. 尿素 mg·dl

| 低CP区 | NO    | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 平均    |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 131   | 34.22 | 44.00 | 32.27 | 44.63 | 38.47 | 36.45 | 41.18 | 39.59 | 37.00 | 27.00 | 35.84 | 35.60 | 26.69 | 26.71 | 35.69 |
|      | 231   | 28.90 | 34.29 | 35.98 | 33.20 | 34.50 | 37.82 | 34.25 | 38.44 | 38.13 | 36.49 | 35.66 | 31.54 | 39.43 | 36.78 | 35.39 |
|      | 232   | 25.36 | 32.44 | 33.37 | 34.50 | 36.84 | 37.46 | 40.17 | 33.37 | 33.12 | 35.83 | 34.17 | 35.07 | 34.53 | 34.14 | 34.31 |
|      | 331   | 31.00 | 29.00 | 29.00 | 29.00 | 26.00 | 31.00 | 36.00 | 35.00 | 30.20 | 33.00 | 31.00 | 31.00 | 33.80 | 34.00 | 31.36 |
|      | 332   | 31.00 | 33.00 | 37.00 | 35.60 | 34.00 | 33.00 | 36.00 | 32.40 | 39.00 | 42.00 | 32.00 | 41.00 | 33.60 | 41.00 | 35.76 |
|      | 431   | 51.36 | 38.52 | 36.38 | 32.10 | 38.52 | 32.10 | 32.10 | 34.24 | 34.24 | 32.10 | 27.82 | 29.96 | 27.82 | 32.10 | 34.24 |
|      | 432   | 44.94 | 44.94 | 40.66 | 36.38 | 40.66 | 36.38 | 38.52 | 40.66 | 38.52 | 34.24 | 40.66 | 32.10 | 36.38 | 32.10 | 38.37 |
|      | 531   | 25.05 | 32.72 | 33.54 | 39.79 | 39.54 | 36.96 | 35.04 | 34.29 | 37.48 | 32.44 | 31.05 | 30.00 | 31.67 | 32.14 | 33.69 |
|      | 532   | 30.58 | 28.74 | 27.21 | 29.08 | 31.26 | 30.49 | 30.90 | 31.74 | 32.49 | 31.31 | 30.00 | 35.53 | 29.61 | 24.11 | 30.22 |
|      | 621   | 43.66 | 46.65 | 48.52 | 57.80 | 46.76 | 48.39 | 31.18 | 30.41 | 29.96 | 32.50 | 24.06 | 23.97 | 24.02 | 24.81 | 36.62 |
|      | 623   | 19.64 | 22.61 | 26.12 | 23.54 | 26.44 | 23.54 | 29.52 | 30.34 | 28.23 | 29.13 | 28.28 | 29.08 | 28.30 | 27.82 | 26.61 |
|      | 731   | 24.77 | 30.96 | 29.08 | 30.00 | 24.84 | 24.43 | 24.60 | 22.01 | 22.31 | 22.33 | 25.71 | 25.37 | 29.12 | 27.62 | 25.94 |
|      | 831   | 26.79 | 30.43 | 39.86 | 41.14 | 45.43 | 41.57 | 33.43 | 46.50 | 45.64 | 45.00 | 48.21 | 51.43 | 46.50 | 45.21 | 41.94 |
|      | 931   | 33.41 | 46.78 | 29.60 | 38.94 | 35.81 | 38.43 | 34.90 | 35.53 | 39.66 | 39.15 | 36.76 | 39.89 | 38.25 | 39.40 | 37.61 |
|      | 932   | 31.70 | 28.60 | 39.71 | 36.01 | 28.48 | 49.16 | 43.07 | 40.39 | 37.38 | 36.36 | 43.28 | 30.00 | 41.32 | 47.87 | 38.10 |
|      | 031   | 27.38 | 34.30 | 27.47 | 29.07 | 34.29 | 32.72 | 33.28 | 34.27 | 34.86 | 33.92 | 33.11 | 33.45 | 33.50 | 33.31 | 32.49 |
|      | 032   | 22.25 | 26.05 | 27.24 | 27.35 | 29.78 | 28.36 | 31.30 | 30.09 | 27.95 | 29.63 | 28.15 | 28.57 | 31.95 | 30.11 | 28.49 |
|      | 141   | 31.16 | 39.12 | 39.45 | 38.39 | 40.35 | 48.06 | 47.10 | 52.19 | 41.04 | 46.00 | 41.86 | 47.85 | 43.78 | 44.08 | 42.89 |
|      | 142   | 44.96 | 46.40 | 35.85 | 46.00 | 30.06 | 44.98 | 40.08 | 52.35 | 50.24 | 41.12 | 44.31 | 44.72 | 28.85 | 31.66 | 41.54 |
|      | 241   | 30.21 | 32.01 | 31.54 | 27.03 |       | 27.98 | 29.91 | 30.56 | 32.96 | 31.46 | 33.33 | 33.87 | 32.14 | 31.54 | 28.90 |
|      | 242   | 31.84 | 33.71 | 30.22 | 31.23 | 30.90 | 28.65 | 29.97 | 30.24 | 27.60 | 30.70 | 25.23 | 28.59 | 28.59 | 31.44 | 29.92 |
|      | 341   | 30.00 | 29.41 | 34.00 | 33.00 | 30.00 | 29.00 | 29.00 | 31.00 | 29.00 | 29.00 | 29.42 | 31.00 | 30.00 | 30.00 | 30.27 |
|      | 342   | 33.00 | 27.39 | 29.00 | 27.00 | 28.00 | 29.00 | 30.00 | 30.65 | 28.00 | 29.00 | 27.00 | 25.00 | 29.00 | 29.00 | 28.65 |
|      | 441   | 10.70 | 19.26 | 25.68 | 23.54 | 25.68 | 27.82 | 17.12 | 23.54 | 27.82 | 29.96 | 29.96 | 34.24 | 32.10 | 34.24 | 25.83 |
|      | 442   | 12.84 | 14.98 | 21.40 | 25.68 | 27.82 | 27.82 | 21.40 | 27.82 | 27.82 | 29.96 | 29.96 | 34.24 | 23.54 | 25.22 | 25.22 |
|      | 541   | 27.28 | 31.22 | 32.98 | 31.39 | 30.00 | 34.29 | 33.32 | 30.00 | 30.36 | 27.86 | 30.86 | 34.01 | 30.00 | 31.71 | 31.09 |
|      | 542   | 29.16 | 32.14 | 32.14 | 32.14 | 32.14 | 31.31 | 33.06 | 34.29 | 34.67 | 36.81 | 36.71 | 33.62 | 38.10 | 35.23 | 33.68 |
|      | 641   | 35.92 | 31.82 | 35.99 | 32.50 | 34.60 | 33.37 | 34.81 | 36.28 | 36.69 | 31.25 | 33.80 | 31.35 | 32.60 | 33.52 | 33.89 |
|      | 642   | 28.85 | 26.90 | 30.52 | 28.54 | 33.37 | 32.74 | 33.40 | 31.62 | 33.27 | 33.34 | 31.61 | 33.27 | 37.27 | 34.62 | 32.10 |
|      | 741   | 30.00 | 28.89 | 23.57 | 26.94 | 24.13 | 22.57 | 24.78 | 22.30 | 23.57 | 23.57 | 23.57 | 23.57 | 22.67 | 22.70 | 24.35 |
|      | 742   | 32.14 | 30.90 | 32.14 | 30.86 | 32.62 | 31.02 | 30.00 | 30.88 | 30.90 | 30.00 | 30.84 | 30.96 | 31.88 | 30.00 | 31.08 |
|      | 841   | 22.71 | 25.71 | 25.29 | 36.00 | 30.86 | 36.21 | 39.64 | 42.21 | 36.21 | 46.29 | 46.29 | 47.57 | 47.36 | 51.00 | 38.10 |
|      | 842   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|      | 941   | 25.85 | 23.71 | 18.30 | 28.26 | 25.66 | 30.63 | 29.02 | 26.15 | 24.86 | 28.55 | 31.59 | 30.43 | 35.90 | 34.41 | 28.09 |
|      | 942   | 20.42 | 19.68 | 25.49 | 27.24 | 24.64 | 25.21 | 22.67 | 29.44 | 22.33 | 26.27 | 24.58 | 26.36 | 26.90 | 26.85 | 24.86 |
|      | 13AVE | 31.29 | 34.35 | 33.71 | 35.18 | 34.80 | 35.19 | 34.44 | 34.66 | 34.48 | 33.67 | 33.28 | 33.15 | 33.32 | 33.48 | 33.93 |
|      | 14AVE | 28.06 | 28.90 | 29.62 | 30.93 | 30.05 | 31.80 | 31.28 | 32.65 | 31.61 | 32.29 | 32.41 | 33.32 | 33.02 | 32.68 | 31.20 |
|      | AVE   | 29.68 | 31.63 | 31.66 | 33.05 | 32.50 | 33.50 | 32.86 | 33.66 | 33.04 | 32.98 | 32.84 | 33.23 | 33.17 | 33.08 | 32.57 |

| 高CP区 | NO  | 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 平均    |
|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | 132 | 39.93 | 30.39 | 46.89 | 49.31 | 43.00 | 38.54 | 42.10 | 49.68 | 46.19 | 43.10 | 39.70 | 29.63 | 42.05 | 50.45 | 42.21 |
|      | 233 | 22.14 | 30.91 | 30.74 | 34.86 | 36.21 | 36.12 | 35.78 | 35.16 | 33.81 | 33.85 | 34.81 | 33.52 | 32.49 | 32.24 | 33.05 |
|      | 234 | 30.00 | 34.88 | 34.43 | 34.50 | 34.50 | 34.29 | 31.50 | 31.16 | 32.21 | 34.29 | 32.88 | 34.16 | 32.49 | 35.70 | 33.36 |
|      | 333 | 29.00 | 28.00 | 29.00 | 30.20 | 30.00 | 29.00 | 30.00 | 29.60 | 33.00 | 32.00 | 31.00 | 31.80 | 28.00 |       | 27.90 |
|      | 334 | 33.00 | 37.00 | 35.00 | 27.60 | 33.00 | 35.00 | 33.00 | 32.20 | 33.00 | 34.00 | 36.00 | 35.80 | 39.00 | 35.00 | 34.19 |
|      | 433 | 32.10 | 27.82 | 29.96 | 27.82 | 32.10 | 27.82 | 29.96 | 27.82 | 29.96 | 27.82 | 29.96 | 29.96 | 29.96 | 27.82 | 29.35 |
|      | 434 | 34.24 | 29.96 | 29.96 | 27.82 | 32.10 | 29.96 | 27.82 | 29.96 | 27.82 | 32.10 | 29.96 | 29.96 | 29.96 | 29.96 | 30.11 |
|      | 533 | 26.46 | 38.83 | 28.52 | 47.64 | 34.65 | 41.10 | 37.65 | 30.34 | 36.79 | 33.79 | 32.57 | 28.22 | 33.47 | 41.59 | 35.12 |
|      | 534 | 29.01 | 26.06 | 33.36 | 36.69 | 32.49 | 31.76 | 41.27 | 39.88 | 39.02 | 36.43 | 32.08 | 31.63 | 32.55 | 30.88 | 33.79 |
|      | 622 | 20.54 | 33.30 | 30.39 | 22.68 | 21.89 | 24.10 | 17.47 | 15.50 | 14.98 | 17.12 | 13.41 | 16.39 | 14.98 | 17.88 | 20.05 |
|      | 624 | 14.18 | 18.32 | 19.69 | 20.85 | 17.12 | 23.07 | 22.02 | 22.73 | 25.20 | 22.76 | 22.16 | 20.07 | 18.60 | 20.07 | 20.49 |
|      | 734 | 37.29 | 26.55 | 29.10 | 34.69 | 26.96 | 28.91 | 26.70 |       | 30.00 | 28.82 | 27.86 | 30.00 | 30.00 | 26.98 | 27.42 |
|      | 832 | 24.21 | 25.93 | 31.29 | 35.36 | 31.71 | 33.00 | 50.14 | 48.43 | 40.29 | 41.36 | 46.93 | 45.86 | 47.14 | 47.57 | 39.23 |
|      | 933 | 26.83 | 32.31 | 30.41 | 34.86 | 30.15 | 49.89 | 45.46 | 37.87 | 35.87 | 36.57 | 35.69 | 54.17 | 40.81 | 36.75 | 37.69 |
|      | 934 | 34.86 | 38.77 | 38.67 | 39.39 | 48.53 | 37.71 | 43.86 | 41.17 | 31.21 | 29.73 | 44.99 | 48.34 | 46.30 | 28.02 | 39.40 |
|      | 033 | 31.13 | 34.27 | 30.39 | 32.80 | 32.75 | 31.42 | 33.01 | 29.35 | 30.32 | 29.76 | 29.99 | 35.77 | 27.74 | 28.94 | 31.26 |
|      | 034 | 27.85 | 30.16 | 31.51 | 30.54 | 32.90 | 32.77 | 33.16 | 32.41 | 32.27 | 32.21 | 32.08 | 34.27 | 32.64 | 28.94 | 31.69 |
|      | 143 | 28.00 | 27.20 | 39.21 | 43.46 | 38.57 | 41.00 | 37.42 | 39.50 | 49.16 | 32.16 | 45.49 | 42.51 | 41.38 | 45.57 | 39.33 |
|      | 144 | 37.33 | 32.20 | 56.00 | 29.25 | 43.00 | 50.53 | 56.81 | 52.57 | 51.71 | 46.86 | 45.64 | 50.48 | 55.51 | 35.15 | 45.93 |
|      | 243 | 25.98 | 31.25 | 27.09 | 29.57 | 30.52 | 30.24 | 29.05 |       | 19.58 | 28.59 | 28.59 | 32.86 | 29.89 | 31.88 | 26.79 |
|      | 244 | 23.71 | 32.78 | 30.22 | 32.99 | 30.21 | 33.51 | 33.16 | 30.00 | 29.57 | 32.18 | 27.29 | 32.84 | 29.89 | 30.23 | 30.61 |
|      | 343 | 33.00 | 34.00 | 35.13 | 33.00 | 31.00 | 29.00 | 29.00 | 27.00 | 27.00 | 32.00 | 29.00 | 27.41 | 29.00 | 29.00 | 30.32 |
|      | 344 | 39.00 | 37.00 | 31.00 | 31.00 | 29.00 | 32.00 | 32.00 | 33.00 | 33.00 | 35.00 | 30.42 | 31.00 | 33.00 | 30.00 | 32.60 |
|      | 443 | 27.82 | 27.82 | 27.82 | 27.82 | 32.10 | 27.82 | 27.82 | 32.10 | 34.24 | 29.96 | 34.24 | 32.10 | 36.38 | 38.52 | 31.18 |
|      | 444 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|      | 543 | 30.39 | 30.00 | 29.04 | 28.05 | 29.42 | 28.11 | 31.20 | 29.57 | 30.26 | 27.49 | 25.05 | 26.98 | 29.23 | 26.89 | 28.69 |
|      | 544 | 30.73 | 30.00 | 31.24 | 31.31 | 32.42 | 31.71 | 32.91 | 30.56 | 30.54 | 30.00 | 32.44 | 31.67 | 30.00 | 29.44 | 31.07 |
|      | 643 | 29.19 | 28.72 | 29.96 | 32.50 | 30.52 | 29.07 | 31.21 | 30.50 | 32.62 | 33.82 | 31.63 | 28.51 | 25.30 | 24.37 | 29.85 |
|      | 644 | 29.08 | 29.96 | 24.82 | 24.82 | 22.71 | 27.02 | 26.99 | 26.97 | 29.22 | 24.84 | 26.98 | 24.89 | 26.71 | 27.82 | 26.63 |
|      | 743 | 30.00 | 30.00 | 27.86 | 28.79 | 27.86 | 28.81 | 28.85 | 28.76 | 29.01 | 30.00 | 27.48 | 28.80 | 30.00 | 30.00 | 29.02 |
|      | 744 | 30.00 | 30.00 | 30.00 | 30.00 | 30.00 | 27.59 | 27.86 | 30.00 | 27.86 | 28.80 | 30.00 | 26.62 | 26.59 | 28.80 | 28.80 |
|      | 843 | 33.64 | 28.71 | 41.14 | 59.14 | 55.07 | 39.21 | 50.14 | 50.14 | 55.50 | 37.93 | 49.93 | 55.07 | 53.57 | 54.43 | 47.40 |
|      | 844 | 34.50 | 40.71 | 29.57 | 42.64 | 48.00 | 45.86 | 51.00 | 53.76 | 54.43 | 54.86 | 55.93 | 61.07 | 42.64 | 43.29 | 47.02 |
|      | 943 | 19.70 | 20.64 | 20.21 | 23.75 | 22.55 | 20.11 | 16.60 | 18.06 | 26.75 | 21.24 | 27.59 | 22.71 | 23.57 | 28.99 | 22.32 |
|      | 944 | 20.34 | 24.69 | 25.14 | 27.31 | 27.92 | 19.90 | 25.57 | 26.72 | 30.95 | 29.61 | 27.41 | 26.19 | 28.59 | 26.92 | 2     |

3)分析値

血液 (mg/d)

| 低CP区 | 牛No   | Ht    |       |       |       |       |       | Glu    |        |        |       |       |       | NEFA   |         |         |         |        |        |
|------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|-------|--------|---------|---------|---------|--------|--------|
|      |       | -9w   | -1w   | 0w    | 1w    | 3w    | 7w    | -9w    | -1w    | 0w     | 1w    | 3w    | 7w    | -9w    | -1w     | 0w      | 1w      | 3w     | 7w     |
|      | 131   | 32.00 | 32.00 | 36.00 |       |       | 33.00 | 70.00  | 70.00  | 71.00  |       |       | 81.00 | 677.00 | 263.00  | 553.00  |         |        | 284.00 |
|      | 231   | 45.00 | 39.00 | 41.00 | 32.00 | 39.00 | 40.00 | 80.79  | 71.23  | 85.21  | 55.97 | 56.95 | 66.08 | 172.56 | 140.08  | 259.77  | 1021.15 | 162.64 | 220.38 |
|      | 232   | 44.00 |       | 42.00 | 31.00 | 39.00 | 39.00 | 69.84  | 87.70  | 61.98  | 65.11 | 65.11 | 63.04 | 60.89  | 195.49  | 480.55  | 172.28  | 163.95 |        |
|      | 331   | 30.00 | 32.00 | 37.00 | 31.50 | 29.00 | 29.00 | 59.70  | 64.80  | 80.50  | 54.60 | 62.70 | 64.50 | 150.10 | 386.80  | 764.00  | 551.70  | 247.20 | 235.10 |
|      | 332   | 36.50 | 38.00 | 39.00 | 33.00 | 31.00 | 31.00 | 64.30  | 68.00  | 125.40 | 65.90 | 58.90 | 62.10 | 149.00 | 470.70  | 950.20  | 576.00  | 333.90 | 351.30 |
|      | 431   | 30.00 | 29.00 | 35.00 | 31.00 | 30.00 | 28.00 | 69.00  | 67.00  | 80.00  | 48.00 | 61.00 | 62.00 | 283.00 | 103.00  | 288.00  | 1094.00 | 313.00 | 159.00 |
|      | 432   | 31.00 | 30.00 | 39.00 | 30.00 | 32.00 | 32.00 | 65.00  | 62.00  | 62.00  | 42.00 | 54.00 | 50.00 | 245.00 | 180.00  | 665.00  | 1172.00 | 403.00 | 180.00 |
|      | 531   | 38.00 | 38.00 | 39.00 | 36.00 | 32.00 | 37.00 | 67.00  | 61.00  | 108.00 | 67.00 | 63.00 | 64.00 | 190.00 | 190.00  | 680.00  | 420.00  | 430.00 | 540.00 |
|      | 532   | 38.00 |       | 36.00 | 34.00 | 35.00 | 34.00 | 77.00  |        | 77.00  | 69.00 | 64.00 | 64.00 | 180.00 | 1000.00 | 610.00  | 850.00  | 400.00 | 400.00 |
|      | 621   | 34.00 | 34.00 | 35.00 | 36.00 | 30.00 | 31.00 | 64.00  | 74.00  | 115.00 | 68.00 | 58.00 | 65.00 | 155.70 | 608.70  | 726.70  | 525.70  | 260.00 | 278.20 |
|      | 623   | 30.00 | 32.00 | 33.00 | 32.00 | 31.00 | 35.00 | 72.00  | 75.00  | 70.00  | 63.00 | 67.00 | 68.00 | 99.00  | 332.20  | 225.70  | 94.40   | 117.30 |        |
|      | 731   | 30.00 |       | 25.00 | 26.00 | 30.00 | 30.00 | 62.00  |        | 93.00  | 57.00 | 58.00 | 58.00 | 238.43 |         | 817.22  | 348.33  | 183.48 | 135.86 |
|      | 831   | 37.00 | 32.00 | 32.00 |       |       | 35.00 | 65.00  | 92.00  | 59.00  | 64.00 | 61.00 | 63.00 | 154.63 | 225.65  | 324.27  | 367.29  | 213.47 | 99.84  |
|      | 931   | 33.00 | 26.00 | 28.50 | 23.00 | 29.00 | 31.00 | 71.00  | 71.00  | 82.00  | 54.00 | 73.00 | 71.00 | 146.63 | 79.86   | 338.58  | 697.45  | 253.00 | 109.07 |
|      | 932   | 35.00 | 31.00 | 34.00 | 33.00 | 32.50 | 33.00 | 65.00  | 73.00  | 65.00  | 75.00 | 69.00 | 64.00 | 342.76 | 442.91  | 901.93  |         | 576.44 | 121.59 |
|      | 031   | 30.80 | 32.70 | 38.90 |       |       | 34.00 | 65.00  | 68.00  | 110.00 |       |       | 64.00 | 90.00  | 160.00  | 760.00  |         |        | 230.00 |
|      | 032   | 34.30 | 33.70 | 38.40 |       |       | 35.10 | 73.00  | 71.00  | 109.00 |       |       | 65.00 | 220.00 | 300.00  | 830.00  |         |        | 220.00 |
|      | 141   | 31.00 |       | 30.00 | 31.00 | 31.00 | 31.00 | 63.00  |        | 123.00 | 60.00 | 60.00 | 63.00 | 25.10  |         | 114.10  | 71.88   | 53.62  | 42.21  |
|      | 142   | 36.00 | 35.00 | 36.00 | 35.00 | 36.00 | 39.00 | 63.00  | 67.00  | 74.00  | 60.00 | 57.00 | 63.00 | 17.11  | 31.94   | 21.67   | 70.74   | 25.10  | 58.19  |
|      | 241   | 36.00 | 36.00 | 37.00 | 35.00 | 36.00 | 36.00 | 63.77  | 51.62  | 61.11  | 61.43 | 63.61 | 61.28 | 84.54  | 132.35  | 240.24  | 675.07  | 98.00  | 121.55 |
|      | 242   | 34.50 | 36.00 | 34.00 | 32.00 | 32.00 | 32.00 | 63.58  | 68.66  | 115.48 | 66.25 | 61.21 | 62.48 | 71.25  | 147.96  | 466.17  | 275.20  | 219.36 | 235.03 |
|      | 341   | 32.00 | 30.50 | 37.00 | 32.00 | 30.00 | 29.00 | 66.60  | 68.20  | 97.00  | 57.40 | 64.90 | 60.90 | 366.60 | 390.60  | 759.50  | 930.20  | 446.00 | 692.80 |
|      | 342   | 33.00 | 30.50 | 34.50 | 32.00 | 32.00 | 30.00 | 65.00  | 71.50  | 65.80  | 60.00 | 70.60 | 68.40 | 143.30 | 463.30  | 1177.40 | 969.00  | 458.50 | 301.60 |
|      | 441   | 32.00 | 36.00 | 39.00 | 30.00 | 31.00 | 31.00 | 59.00  | 53.00  | 69.00  | 55.00 | 53.00 | 60.00 | 130.00 | 270.00  | 614.00  | 631.00  | 340.00 | 112.00 |
|      | 442   | 35.00 | 33.00 | 37.00 | 32.00 | 31.00 | 33.00 | 40.00  | 52.00  | 69.00  | 43.00 | 56.00 | 43.00 | 69.00  | 92.00   | 665.00  | 697.00  | 197.00 | 339.00 |
|      | 541   | 38.00 | 42.00 | 39.00 | 33.00 | 33.00 | 34.00 | 91.00  | 126.00 | 121.00 | 62.00 | 50.00 | 64.00 | 520.00 | 420.00  | 290.00  | 640.00  | 270.00 | 160.00 |
|      | 542   | 38.00 | 35.00 | 38.00 | 36.00 | 36.00 | 35.00 | 70.00  | 75.00  | 80.00  | 54.00 | 69.00 | 76.00 | 170.00 | 70.00   | 300.00  | 880.00  | 550.00 | 270.00 |
|      | 641   | 30.00 | 32.00 | 31.00 | 34.00 | 34.00 | 32.00 | 69.00  | 65.00  | 116.00 | 62.00 | 51.00 | 70.00 | 122.40 | 96.00   | 389.90  | 552.70  | 178.30 | 133.80 |
|      | 642   | 32.00 | 34.00 | 41.00 | 35.00 | 33.00 | 30.00 | 77.00  | 66.00  | 58.00  | 59.00 | 56.00 | 62.00 | 82.90  | 134.40  | 283.40  | 287.60  | 243.70 | 153.30 |
|      | 741   | 36.00 | 36.00 | 46.00 | 35.00 | 28.00 | 31.00 | 58.00  | 67.00  | 54.00  | 56.00 | 58.00 | 57.00 | 492.36 | 891.47  | 436.41  | 279.75  | 313.32 | 272.29 |
|      | 742   | 46.00 | 33.00 | 44.00 | 31.00 | 32.00 | 31.00 | 53.00  | 57.00  | 141.00 | 51.00 | 53.00 | 48.00 | 146.98 | 763.48  | 636.99  | 567.50  | 412.36 | 191.89 |
|      | 841   | 28.00 | 28.00 | 32.00 | 29.00 | 28.50 | 30.00 | 93.00  | 93.00  | 131.00 | 54.00 | 88.00 | 88.00 | 218.91 | 205.78  | 1278.90 | 1419.00 | 261.38 | 45.10  |
|      | 842   | 33.00 | 31.00 | 38.00 |       |       |       | 105.00 | 97.00  | 195.00 |       |       |       | 122.59 | 88.44   | 588.88  |         |        |        |
|      | 941   | 33.00 | 31.00 | 35.00 | 32.00 | 34.00 | 34.00 | 62.00  | 72.00  | 55.00  | 57.00 | 64.00 | 65.00 | 153.00 | 120.00  | 381.00  | 663.00  | 220.00 | 129.00 |
|      | 942   | 31.00 | 33.00 | 36.00 | 32.00 | 33.00 | 38.00 | 65.00  | 63.00  | 61.00  | 62.00 | 64.00 | 59.00 | 150.00 | 129.00  | 799.00  | 667.00  | 588.00 | 170.00 |
|      | 13AVE | 34.62 | 32.81 | 35.81 | 31.42 | 32.27 | 33.36 | 68.21  | 71.72  | 85.53  | 60.61 | 62.26 | 64.40 | 209.10 | 313.65  | 588.02  | 640.76  | 289.22 | 226.21 |
|      | 14AVE | 34.14 | 33.65 | 36.92 | 32.71 | 32.32 | 32.71 | 68.16  | 71.35  | 93.69  | 57.65 | 61.14 | 63.00 | 172.00 | 261.57  | 524.59  | 604.51  | 286.74 | 201.63 |
|      | AVE   | 34.37 | 33.27 | 36.38 | 32.15 | 32.30 | 33.03 | 68.19  | 71.52  | 89.73  | 58.99 | 61.64 | 63.70 | 190.02 | 285.98  | 555.40  | 620.22  | 287.86 | 213.92 |

| 高CP区 | 牛No | Ht    |       |       |       |       |       | Glu   |       |        |       |       |       | NEFA   |        |         |         |        |        |        |
|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|---------|---------|--------|--------|--------|
|      |     | -9w   | -1w   | 0w    | 1w    | 3w    | 7w    | -9w   | -1w   | 0w     | 1w    | 3w    | 7w    | -9w    | -1w    | 0w      | 1w      | 3w     | 7w     |        |
|      | 132 | 32.00 | 33.00 | 37.00 |       |       | 28.00 | 76.00 | 71.00 | 81.00  |       |       | 61.00 | 281.00 | 279.00 | 475.00  |         |        | 390.00 |        |
|      | 233 | 44.00 | 36.00 | 44.00 | 40.00 | 37.00 | 39.00 | 58.79 | 72.76 | 75.68  | 67.13 | 60.38 | 61.00 | 69.72  | 232.42 | 140.08  | 302.13  | 158.66 | 137.44 | 140.70 |
|      | 234 | 39.00 | 45.00 | 51.00 | 45.00 | 44.00 | 43.00 | 62.03 | 66.70 | 76.00  | 54.61 | 66.03 | 61.41 | 130.92 | 158.72 | 654.13  | 570.73  | 235.47 | 181.04 |        |
|      | 333 | 30.00 | 32.00 | 36.00 | 33.00 | 30.00 | 31.00 | 68.50 | 66.50 | 108.80 | 60.70 | 65.80 | 65.50 | 159.20 | 951.40 | 1149.70 | 795.50  | 304.00 | 244.10 |        |
|      | 334 | 32.00 | 35.50 | 41.00 | 34.00 | 31.00 | 34.00 | 61.90 | 74.00 | 108.50 | 61.30 | 63.30 | 79.10 | 196.80 | 512.20 | 845.00  | 836.80  | 361.50 | 550.10 |        |
|      | 433 | 31.00 | 34.00 | 42.00 | 33.00 | 26.00 | 32.00 | 55.00 | 63.00 | 52.00  | 43.00 | 40.00 | 55.00 | 339.00 | 790.00 | 313.00  | 579.00  | 330.00 | 305.00 |        |
|      | 434 | 26.00 | 34.00 | 37.00 | 31.00 | 27.00 | 29.00 | 50.00 | 47.00 | 52.00  | 57.00 | 52.00 | 62.00 | 738.00 | 206.00 | 1009.00 | 451.00  | 305.00 | 253.00 |        |
|      | 533 | 38.00 | 40.00 | 42.00 | 36.00 | 34.00 | 38.00 | 75.00 | 76.00 | 72.00  | 72.00 | 66.00 | 70.00 | 180.00 | 250.00 | 600.00  | 540.00  | 720.00 | 180.00 |        |
|      | 534 | 36.00 | 39.00 | 39.00 | 36.00 | 35.00 | 37.00 | 74.00 | 78.00 | 124.00 | 67.00 | 64.00 | 72.00 | 200.00 | 160.00 | 380.00  | 570.00  | 160.00 | 310.00 |        |
|      | 622 | 28.00 | 28.00 | 32.00 | 30.00 | 29.00 | 34.00 | 68.00 | 79.00 | 68.00  | 61.00 | 75.00 | 66.00 | 97.30  | 142.00 | 344.20  | 339.30  | 128.60 | 89.00  |        |
|      | 624 | 35.00 | 33.00 |       | 30.00 | 32.00 | 32.00 | 73.00 | 80.00 |        | 69.00 | 68.00 | 69.00 | 113.40 | 375.80 |         | 204.90  | 285.00 | 215.10 |        |
|      | 734 | 37.00 | 34.00 | 32.00 | 27.00 | 28.00 | 29.00 | 57.00 | 63.00 | 98.00  | 59.00 | 52.00 | 58.00 | 198.14 | 190.81 | 403.27  | 392.28  | 242.09 | 194.47 |        |
|      | 832 | 26.00 | 43.00 |       |       |       | 36.00 | 63.00 | 68.00 | 74.00  | 74.00 |       | 71.00 | 121.35 | 116.07 | 813.31  | 1091.31 |        | 156.66 |        |
|      | 933 | 30.00 | 33.00 | 36.00 | 33.00 | 31.00 | 31.00 | 66.00 | 71.00 | 181.00 | 62.00 | 67.00 | 69.00 | 893.58 | 163.32 | 530.54  | 563.92  | 150.80 | 117.42 |        |
|      | 934 | 31.00 | 38.00 | 41.00 | 37.00 | 33.00 | 34.00 | 82.00 | 68.00 | 135.00 | 62.00 | 67.00 | 48.00 | 205.05 | 150.80 | 580.61  | 1415.20 | 488.81 | 134.11 |        |
|      | 033 | 32.40 | 34.40 | 37.20 |       |       | 32.40 | 62.00 | 72.00 | 103.00 |       |       | 63.00 | 150.00 | 110.00 | 770.00  |         |        | 170.00 |        |
|      | 034 | 35.70 |       | 41.40 |       |       | 33.00 | 72.00 |       | 100.00 |       |       | 69.00 | 150.00 |        | 910.00  |         |        | 320.00 |        |
|      | 143 | 33.00 | 39.00 | 45.00 | 36.00 | 34.00 | 35.00 | 61.00 | 78.00 | 80.00  | 66.00 | 51.00 | 64.00 | 276.10 | 464.30 | 231.60  | 189.40  | 197.30 | 18.25  |        |
|      | 144 | 37.00 | 37.00 | 40.00 | 34.00 | 34.00 | 37.00 | 63.00 | 59.00 | 50.00  | 49.00 | 56.00 | 58.00 | 15.97  | 26.24  | 70.74   | 94.70   | 59.33  | 35.37  |        |
|      | 243 | 35.00 | 36.00 | 38.00 | 35.00 | 34.00 | 33.00 | 51.49 | 68.41 | 71.80  | 59.53 | 65.68 | 62.44 | 81.37  | 207.97 | 347.53  | 605.29  | 279.76 | 253.43 |        |
|      | 244 | 36.00 | 34.00 | 36.00 | 35.00 | 33.00 | 32.00 | 77.35 | 64.96 | 72.33  | 56.35 | 68.19 | 56.22 | 382.32 | 86.92  | 468.75  | 489.08  | 422.73 | 180.38 |        |
|      | 343 | 30.50 | 34.00 | 37.00 | 31.00 | 31.00 | 30.00 | 63.60 | 63.30 | 132.90 | 50.40 | 59.70 | 53.60 | 216.60 | 683.30 | 1051.90 | 818.10  | 912.10 | 366.50 |        |
|      | 344 | 30.00 | 34.00 | 33.00 |       |       |       |       |       |        |       |       |       |        |        |         |         |        |        |        |

| 低CP区 | 牛No   | BUN   |       |       |       |       |       | Ca    |       |       |       |       |       | P    |       |       |      |      |      |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|------|------|
|      |       | -9w   | -1w   | 0w    | 1w    | 3w    | 7w    | -9w   | -1w   | 0w    | 1w    | 3w    | 7w    | -9w  | -1w   | 0w    | 1w   | 3w   | 7w   |
|      | 131   | 19.40 | 13.40 | 17.20 |       |       | 21.50 | 8.40  | 8.60  | 6.90  |       |       | 8.60  | 6.30 | 5.50  | 2.90  |      |      |      |
|      | 231   | 9.84  | 8.46  | 8.73  | 7.93  | 11.63 | 15.75 | 9.44  | 8.19  | 7.67  | 9.09  | 7.99  | 8.54  | 4.65 | 3.04  | 3.89  | 4.19 | 3.12 | 3.16 |
|      | 232   | 7.94  |       | 8.47  | 7.67  | 12.58 | 13.81 | 6.64  |       | 8.73  | 7.92  | 8.18  | 7.74  | 3.92 |       | 2.73  | 3.56 | 3.81 | 3.54 |
|      | 331   | 6.19  | 11.90 | 12.73 | 13.86 | 11.25 | 15.70 | 9.73  | 10.16 | 9.84  | 9.74  | 10.65 | 10.53 | 5.90 | 4.81  | 2.69  | 4.26 | 4.38 | 5.66 |
|      | 332   | 12.07 | 7.35  | 13.73 | 9.60  | 15.21 | 20.71 | 10.24 | 9.72  |       | 10.04 | 10.21 | 9.96  | 5.02 | 4.52  | 3.33  | 3.61 | 3.93 | 6.88 |
|      | 431   | 20.00 | 13.00 | 10.00 | 20.00 | 15.00 | 17.00 | 10.00 | 9.80  | 8.90  | 8.30  | 9.30  | 9.80  | 7.40 | 5.60  | 4.40  | 4.40 | 6.10 | 5.00 |
|      | 432   | 18.00 | 12.00 | 10.00 | 12.00 | 13.00 | 13.00 | 9.30  | 9.50  | 9.20  | 9.30  | 10.10 | 8.90  | 7.80 | 6.00  | 5.30  | 6.30 | 5.30 | 5.00 |
|      | 531   | 11.00 | 10.00 | 9.00  | 7.00  | 10.00 | 15.00 | 9.70  | 10.10 | 9.70  | 9.80  | 9.80  | 9.90  | 5.40 | 5.50  | 2.60  | 4.50 | 3.90 | 4.70 |
|      | 532   | 6.00  |       | 9.00  | 10.00 | 13.00 | 13.00 | 10.10 |       | 9.30  | 10.20 | 10.70 | 10.20 | 5.30 |       | 4.90  | 4.30 | 4.30 | 4.30 |
|      | 621   | 12.70 | 12.40 | 16.90 | 12.00 | 13.00 | 14.70 | 7.50  | 7.00  | 6.40  | 7.80  | 7.80  | 7.60  | 7.50 | 6.70  | 5.00  | 5.50 | 5.80 | 6.90 |
|      | 623   | 11.10 | 8.80  | 16.30 | 13.30 | 17.10 | 19.90 | 7.80  | 7.90  | 7.30  | 7.80  | 7.90  | 7.20  | 6.50 | 6.90  | 6.00  | 8.60 | 7.10 | 6.20 |
|      | 731   | 10.00 |       | 9.00  | 10.00 | 13.00 | 13.00 | 8.80  |       | 10.50 | 8.20  | 8.10  | 8.90  | 5.90 |       | 2.50  | 6.40 | 5.30 | 5.40 |
|      | 831   | 11.10 | 13.00 | 13.10 | 8.60  | 17.70 | 18.30 | 8.90  | 8.30  | 7.50  | 9.90  |       |       | 6.50 | 13.10 | 13.90 | 6.90 | 6.60 | 6.30 |
|      | 931   | 11.00 | 6.00  | 5.00  | 9.00  | 10.00 | 12.00 | 9.60  | 9.60  | 9.20  | 8.50  | 9.40  | 10.00 | 8.90 | 9.00  | 9.30  | 9.20 | 6.90 | 9.30 |
|      | 932   | 13.00 | 11.00 | 13.00 | 8.00  | 10.00 | 16.00 | 9.50  | 9.40  | 8.30  | 9.30  | 9.50  | 10.80 | 7.30 | 5.40  | 7.00  | 6.00 | 5.20 | 7.00 |
|      | 031   | 10.40 | 10.10 | 10.40 | 14.40 | 10.80 | 13.50 | 9.50  | 9.60  | 9.10  | 10.30 | 9.50  | 9.80  | 6.20 | 6.20  | 2.50  | 4.50 | 5.30 | 5.50 |
|      | 032   | 9.00  | 9.50  | 10.50 | 13.00 | 12.70 | 14.50 | 9.80  | 9.60  | 9.00  | 9.30  | 10.00 | 9.90  | 6.70 | 5.00  | 3.80  | 5.40 | 4.50 | 5.80 |
|      | 141   | 10.90 |       | 11.00 | 24.70 | 19.70 | 20.80 | 10.10 |       | 9.60  | 8.30  | 10.60 | 9.50  | 5.20 |       | 3.10  | 4.60 | 3.70 | 5.00 |
|      | 142   | 16.80 | 17.20 | 12.20 | 16.20 | 19.70 | 18.60 | 9.40  | 9.60  | 8.80  | 9.50  | 9.60  | 9.80  | 7.30 | 5.40  | 5.20  | 3.90 | 3.70 | 3.90 |
|      | 241   | 12.88 | 11.68 | 13.48 | 11.08 | 18.28 | 19.67 | 8.23  | 9.51  | 8.02  | 9.38  | 9.71  | 9.15  | 4.76 | 4.77  | 4.21  | 4.92 | 5.29 | 4.92 |
|      | 242   | 12.29 | 7.23  | 8.97  | 13.37 | 17.45 | 17.43 | 9.32  | 8.64  | 7.85  | 8.22  | 8.40  | 8.92  | 5.14 | 5.31  | 3.06  | 2.95 | 2.36 | 2.17 |
|      | 341   | 17.88 | 15.16 | 13.67 | 17.85 | 21.86 | 27.70 | 10.11 | 10.00 | 8.52  | 9.46  | 10.51 | 9.43  | 4.83 | 5.83  | 4.57  | 5.43 | 4.25 | 5.45 |
|      | 342   | 9.89  | 12.42 | 13.89 | 11.92 | 12.30 | 14.53 | 9.86  | 9.33  | 8.17  | 9.25  | 10.09 | 9.92  | 6.36 | 3.49  | 3.32  | 4.12 | 5.25 | 3.91 |
|      | 441   | 10.00 | 6.00  | 11.00 | 8.00  | 12.00 | 11.00 | 9.00  | 8.90  | 9.30  | 9.50  | 10.40 | 10.10 | 7.40 | 5.60  | 7.20  | 5.80 | 7.30 | 6.10 |
|      | 442   | 8.00  | 9.00  |       | 13.00 | 11.00 | 10.00 | 9.00  | 8.80  | 6.20  | 7.70  | 10.50 | 8.50  | 3.70 | 5.50  | 2.80  | 6.80 | 5.50 | 5.90 |
|      | 541   | 7.00  | 9.00  | 9.00  | 11.00 | 12.00 | 15.00 | 9.30  | 8.40  | 7.70  | 9.30  | 9.60  | 9.70  | 5.90 | 2.90  | 3.50  | 5.10 | 6.30 | 5.70 |
|      | 542   | 8.00  | 12.00 | 8.00  | 12.00 | 15.00 | 18.00 | 9.90  | 9.20  | 8.90  | 9.00  | 10.30 | 10.00 | 5.30 | 6.00  | 4.10  | 6.40 | 5.00 | 5.40 |
|      | 641   | 8.80  | 10.90 | 12.80 | 11.80 | 11.80 | 18.30 | 18.30 | 7.90  | 7.70  | 7.00  | 8.40  | 8.00  | 7.80 | 6.50  | 7.10  | 4.20 | 5.80 | 6.20 |
|      | 642   | 9.90  | 13.70 | 18.40 | 17.90 | 16.40 | 16.40 | 17.70 | 8.00  | 7.90  | 7.40  | 7.50  | 7.60  | 7.50 | 6.50  | 7.50  | 6.20 | 7.60 | 7.50 |
|      | 741   | 10.00 | 10.00 | 15.00 | 13.00 | 12.00 | 13.00 | 10.30 | 11.10 | 9.60  | 10.50 | 12.20 | 9.30  | 6.90 | 5.20  | 5.00  | 6.00 | 4.60 | 5.40 |
|      | 742   | 11.00 | 12.00 | 8.00  | 11.00 | 11.00 | 12.00 | 10.00 | 10.50 | 7.20  | 10.10 | 11.90 | 12.30 | 6.90 | 5.50  | 3.30  | 6.20 | 3.70 | 5.70 |
|      | 841   | 14.70 | 11.60 | 9.50  | 9.00  | 18.90 | 19.60 |       |       |       |       |       |       | 6.00 | 5.40  | 5.50  | 5.40 | 7.30 | 7.10 |
|      | 842   | 12.60 | 17.50 | 8.80  |       |       |       |       |       |       |       |       |       | 8.80 | 8.10  | 3.40  |      |      |      |
|      | 941   | 14.00 | 11.00 | 6.00  | 12.00 | 15.00 | 12.00 | 9.80  | 9.40  | 9.30  | 9.00  | 10.00 | 10.10 | 8.80 | 8.60  | 5.40  | 9.30 | 8.20 | 6.60 |
|      | 942   | 7.00  | 12.00 | 7.00  | 6.00  | 15.00 | 10.00 | 9.50  | 9.10  | 9.20  | 8.30  | 10.00 | 10.60 | 8.30 | 9.00  | 6.60  | 8.50 | 9.50 | 9.10 |
|      | 13AVE | 11.69 | 10.49 | 11.36 | 11.02 | 12.87 | 15.73 | 9.11  | 9.11  | 8.60  | 9.09  | 9.28  | 9.27  | 6.31 | 6.23  | 4.87  | 5.48 | 5.10 | 5.65 |
|      | 14AVE | 11.20 | 11.67 | 10.98 | 12.93 | 15.26 | 16.12 | 10.42 | 9.23  | 8.37  | 8.87  | 9.98  | 9.56  | 6.48 | 5.86  | 4.71  | 5.64 | 5.61 | 5.65 |
|      | AVE   | 11.44 | 11.14 | 11.17 | 12.01 | 14.10 | 15.92 | 9.75  | 9.17  | 8.48  | 8.98  | 9.64  | 9.42  | 6.40 | 6.03  | 4.79  | 5.56 | 5.36 | 5.65 |

| 高CP区 | 牛No | BUN   |       |       |       |       |       | Ca    |       |       |       |       |       | P     |      |      |       |      |      |
|------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|------|------|
|      |     | -9w   | -1w   | 0w    | 1w    | 3w    | 7w    | -9w   | -1w   | 0w    | 1w    | 3w    | 7w    | -9w   | -1w  | 0w   | 1w    | 3w   | 7w   |
|      | 132 | 12.90 | 20.60 | 19.90 |       |       | 23.80 | 8.60  | 8.40  | 7.80  |       |       | 8.50  | 7.40  | 5.30 | 3.50 |       |      | 4.60 |
|      | 233 | 17.98 | 19.10 | 18.24 | 17.16 | 20.52 | 15.20 | 9.36  | 8.40  | 7.60  | 8.35  | 6.96  | 6.80  | 3.65  | 2.69 | 2.54 | 3.46  | 3.29 | 3.20 |
|      | 234 | 19.25 | 17.10 | 15.65 | 12.58 | 12.79 | 12.35 | 6.49  | 4.56  | 6.36  | 6.70  | 10.05 | 8.71  | 3.22  | 2.75 | 1.69 | 2.82  | 2.59 | 3.92 |
|      | 333 | 9.35  | 14.71 | 12.77 | 9.39  | 11.83 | 12.85 | 9.78  | 9.85  | 8.96  | 9.89  | 10.49 | 9.84  | 2.83  | 3.97 | 2.88 | 3.56  | 3.15 | 4.94 |
|      | 334 | 9.04  | 13.27 | 13.67 | 13.07 | 19.97 | 18.16 | 9.43  | 9.78  | 10.23 | 10.17 | 10.54 | 11.57 | 3.31  | 2.90 | 1.28 | 3.59  | 1.81 | 2.30 |
|      | 433 | 13.00 | 12.00 | 14.00 | 10.00 | 13.00 | 14.00 | 9.30  | 8.10  | 7.20  | 7.60  | 8.20  | 8.40  | 7.70  | 4.40 | 3.30 | 4.80  | 4.60 | 5.10 |
|      | 434 | 9.00  | 10.00 | 9.00  | 15.00 | 14.00 | 8.00  | 8.40  | 7.40  | 8.20  | 8.00  | 8.20  | 9.10  | 5.20  | 5.00 | 2.40 | 5.10  | 4.50 | 4.90 |
|      | 533 | 5.00  | 11.00 | 9.00  | 8.00  | 11.00 | 15.00 | 10.10 | 10.60 | 9.30  | 9.90  | 10.40 | 10.60 | 4.70  | 2.80 | 3.80 | 2.80  | 4.20 | 4.70 |
|      | 534 | 17.00 | 13.00 | 9.00  | 12.00 | 15.00 | 16.00 | 9.40  | 9.90  | 8.30  | 10.40 | 9.60  | 9.80  | 6.00  | 3.90 | 4.60 | 5.40  | 8.20 | 3.70 |
|      | 622 | 8.80  | 12.90 | 16.40 | 11.20 | 11.10 | 12.00 | 7.70  | 7.30  | 6.20  | 7.20  | 8.00  | 8.00  | 6.60  | 5.80 | 8.20 | 6.20  | 6.20 | 6.10 |
|      | 624 | 14.40 | 15.20 |       | 14.00 | 16.20 | 16.50 | 7.80  | 7.70  |       | 7.70  | 7.60  | 7.70  | 6.00  | 6.50 |      | 6.50  | 6.30 | 6.60 |
|      | 734 | 12.00 | 16.00 | 18.00 | 16.00 | 11.00 | 15.00 | 10.70 | 9.40  | 9.70  | 10.30 | 8.80  | 8.50  | 6.10  | 5.00 | 4.70 | 3.10  | 4.90 | 5.70 |
|      | 832 | 9.60  | 16.10 | 16.40 | 8.20  |       | 11.40 | 9.50  |       |       |       |       | 9.80  | 5.80  | 4.60 | 4.50 | 7.90  |      | 5.90 |
|      | 933 | 8.00  | 14.00 | 7.00  | 10.00 | 17.00 | 10.00 | 9.80  | 10.20 | 8.80  | 10.60 | 10.10 | 10.00 | 6.00  | 8.90 | 5.30 | 6.50  | 9.60 | 9.50 |
|      | 934 | 7.00  | 16.00 | 12.00 | 16.00 | 26.00 | 14.00 | 9.40  | 10.10 | 8.40  | 8.30  | 10.00 | 10.10 | 10.00 | 9.20 | 4.30 | 10.60 | 6.80 | 6.50 |
|      | 033 | 9.80  | 15.00 | 16.40 | 14.30 | 13.40 | 18.30 | 9.70  | 9.70  | 9.40  | 10.20 | 9.80  | 10.10 | 6.00  | 5.20 | 5.00 | 4.90  | 5.30 | 6.30 |
|      | 034 | 11.50 |       | 13.50 | 15.30 | 13.80 | 13.90 | 10.20 |       | 10.00 | 10.50 | 10.20 | 10.40 | 6.60  |      | 4.50 | 5.80  | 6.10 | 6.30 |
|      | 143 | 14.90 | 16.40 | 18.50 | 10.90 | 14.50 | 19.60 | 9.20  | 9.60  | 8.90  | 9.90  | 9.00  | 10.30 | 5.50  | 3.50 | 2.20 | 3.80  | 6.20 | 3.90 |
|      | 144 | 11.30 | 18.60 | 23.20 | 19.50 | 21.40 | 23.20 | 9.90  | 9.30  | 9.50  | 9.80  | 10.20 | 10.30 | 5.30  | 3.50 | 4.10 | 5.60  | 3.70 | 3.70 |
|      | 243 | 14.61 | 12.06 | 16.45 | 12.84 | 13.12 | 16.05 | 8.91  | 8.17  | 9.73  | 8.69  | 8.55  | 8.53  | 5.35  | 4.16 | 3.55 | 3.95  | 4.18 | 3.79 |
|      | 244 | 12.98 | 11.73 | 13.46 | 11.72 | 9.72  | 17.55 | 8.69  | 8.67  | 7.83  | 8.41  | 7.98  | 7.13  | 5.06  | 4.97 | 3.30 | 3.92  | 3.35 | 4.63 |
|      | 343 | 14.55 | 20.57 | 16.92 | 18.41 | 16.41 | 21.86 | 10.07 | 9.61  | 10.11 | 9.52  | 9.77  | 9.21  | 5.01  | 4.77 | 5.06 | 4.50  | 5.32 | 5.94 |
|      | 344 | 10.49 | 19.66 | 31.90 | 15.10 | 18.42 | 19.25 | 10.19 | 9.94  | 8.76  | 9.96  | 10.28 | 10.15 | 4.85  | 5.02 | 3.72 | 5.21  | 5.11 | 4.26 |
|      | 443 |       | 11.00 | 6.00  | 11.00 | 13.00 | 14.00 | 3.10  | 7.50  | 4.70  | 7.20  | 8.10  | 9.10  | 2.70  | 5.50 | 2.50 | 5.70  | 5.40 | 6.30 |
|      | 444 | 6.00  | 7.00  |       |       |       |       | 5.80  | 5.80  |       |       |       |       | 3.00  | 3.80 |      |       |      |      |
|      | 543 | 10.00 | 17.00 | 17.00 | 16.00 | 18.00 | 20.00 | 9.20  | 9.50  | 9.00  | 10.30 | 10.10 | 9.70  | 5.60  | 5.50 | 4.80 | 5.00  | 4.80 | 5.10 |
|      | 544 | 7.00  | 13.00 | 11.00 | 12.00 | 11.00 | 17.00 | 10.10 | 9.60  | 8.40  | 10.10 | 10.70 | 9.70  | 6.10  | 6.00 | 4.40 | 5.60  | 6.60 | 5.40 |
|      | 643 | 11.30 | 10.90 | 12.80 | 11.80 | 11.80 | 18.30 | 7.90  | 7.70  | 7.00  | 8.40  | 8.00  | 7.80  | 6.50  | 7.10 | 4.20 | 5.30  | 5.80 | 6.20 |
|      | 644 |       |       |       |       |       |       |       |       |       |       |       |       |       |      |      |       |      |      |

4)消化試験

| 低CP区<br>牛No | 窒素に関する部分   |            |              |            |           |              |            |          | 乾物消化に関する部分 |           |           | 熱量消化に関する部分  |            |              |               |           |
|-------------|------------|------------|--------------|------------|-----------|--------------|------------|----------|------------|-----------|-----------|-------------|------------|--------------|---------------|-----------|
|             | 摂取窒素量<br>g | 尿量<br>日 kg | 尿中窒素<br>排泄量g | 糞量<br>日 kg | 糞乾物率<br>% | 糞中窒素<br>排泄量g | 窒素排泄量<br>g | 蓄積量<br>g | N消化率<br>%  | DMI<br>kg | 糞DM<br>kg | DM消化率<br>kg | 摂取熱量<br>MJ | 糞熱量<br>MJDM中 | 糞中熱量<br>排泄量MJ | 熱消化率<br>% |
| 131         | 219.82     | 14.43      | 93.57        | 23.96      | 16.50     | 76.35        | 169.92     | 49.90    | 65.27      | 12.57     | 3.95      | 68.54       | 234.47     | 18.54        | 73.30         | 68.74     |
| 231         | 183.37     | 6.37       | 41.87        | 24.60      | 14.38     | 73.05        | 114.92     | 68.45    | 60.16      | 10.36     | 3.54      | 65.83       | 192.27     | 18.48        | 65.42         | 65.97     |
| 232         |            |            |              |            |           |              |            |          |            |           |           |             |            |              |               |           |
| 331         | 191.96     | 8.61       | 68.87        | 25.03      | 15.50     | 75.09        | 143.97     | 48.00    | 60.88      | 11.00     | 3.88      | 64.74       | 204.04     | 18.65        | 72.37         | 64.53     |
| 332         |            |            |              |            |           |              |            |          |            |           |           |             |            |              |               |           |
| 431         |            |            |              |            |           |              |            |          |            |           |           |             |            |              |               |           |
| 432         |            |            |              |            |           |              |            |          |            |           |           |             |            |              |               |           |
| 531         | 219.90     | 9.36       | 54.01        | 29.56      | 14.49     | 77.62        | 131.63     | 88.27    | 64.70      | 12.19     | 4.28      | 64.89       | 228.37     | 18.97        | 81.17         | 64.46     |
| 532         | 159.07     | 6.52       | 44.59        | 17.71      | 15.17     | 52.56        | 97.15      | 61.92    | 66.96      | 8.82      | 2.69      | 69.50       | 165.24     | 18.80        | 50.57         | 69.40     |
| 621         |            |            |              |            |           |              |            |          |            |           |           |             |            |              |               |           |
| 623         | 153.60     | 8.23       | 66.70        | 23.47      | 12.43     | 60.70        | 127.40     | 26.20    | 60.48      | 10.67     | 2.92      | 72.63       | 201.11     | 19.67        | 57.44         | 71.44     |
| 731         |            |            |              |            |           |              |            |          |            |           |           |             |            |              |               |           |
| 831         | 175.13     | 15.60      | 82.32        | 27.25      | 15.95     | 72.11        | 154.43     | 20.70    | 58.82      | 9.69      | 4.35      | 55.15       | 177.87     | 18.69        | 81.25         | 54.32     |
| 931         | 226.73     | 10.33      | 70.89        | 22.70      | 18.32     | 73.12        | 144.01     | 82.72    | 67.75      | 10.38     | 4.16      | 59.92       | 194.38     | 18.56        | 77.22         | 60.27     |
| 932         | 232.83     | 8.30       | 59.09        | 18.00      | 16.23     | 71.46        | 130.55     | 102.28   | 69.31      | 10.65     | 2.92      | 72.58       | 199.44     | 18.04        | 52.67         | 73.59     |
| 031         | 176.61     | 10.71      | 71.97        | 25.20      | 14.90     | 75.60        | 147.57     | 29.04    | 57.19      | 9.69      | 3.75      | 61.25       | 181.25     | 18.78        | 70.50         | 61.11     |
| 032         | 118.64     | 10.65      | 60.28        | 14.81      | 15.20     | 42.95        | 103.23     | 15.41    | 63.80      | 8.99      | 2.25      | 74.96       | 168.16     | 18.92        | 42.58         | 74.68     |
| 141         | 211.19     | 11.46      | 80.06        | 22.59      | 16.08     | 69.64        | 149.70     | 61.49    | 67.03      | 11.50     | 3.63      | 68.41       | 208.91     | 18.71        | 67.94         | 67.48     |
| 142         | 207.49     | 10.59      | 77.23        | 27.28      | 14.23     | 76.45        | 153.68     | 53.81    | 63.15      | 10.90     | 3.88      | 64.38       | 197.39     | 18.97        | 73.67         | 62.68     |
| 241         | 229.92     | 7.57       | 54.30        | 21.32      | 14.44     | 64.16        | 118.46     | 111.46   | 72.09      | 10.59     | 3.08      | 70.92       | 194.33     | 18.64        | 57.41         | 70.46     |
| 242         | 238.69     | 9.05       | 71.79        | 24.34      | 13.83     | 65.71        | 137.50     | 101.19   | 72.47      | 10.68     | 3.37      | 68.45       | 195.51     | 18.92        | 63.76         | 67.39     |
| 341         | 192.15     | 10.49      | 85.98        | 25.80      | 12.90     | 64.49        | 150.47     | 41.68    | 66.44      | 10.33     | 3.33      | 67.79       | 187.45     | 18.76        | 62.42         | 66.70     |
| 342         | 185.48     | 11.87      | 93.78        | 19.45      | 16.00     | 60.28        | 154.06     | 31.41    | 67.50      | 9.97      | 3.11      | 68.80       | 180.94     | 18.55        | 57.71         | 68.10     |
| 441         |            |            |              |            |           |              |            |          |            |           |           |             |            |              |               |           |
| 442         |            |            |              |            |           |              |            |          |            |           |           |             |            |              |               |           |
| 541         | 219.69     | 9.70       | 83.64        | 20.04      | 15.98     | 73.71        | 157.35     | 62.34    | 66.45      | 11.49     | 3.20      | 72.14       | 224.51     | 18.84        | 60.30         | 73.14     |
| 542         | 212.70     | 7.83       | 84.71        | 22.09      | 16.34     | 81.25        | 165.96     | 46.74    | 61.80      | 11.13     | 3.61      | 67.57       | 217.83     | 18.90        | 68.20         | 68.69     |
| 641         | 221.20     | 12.27      | 77.30        | 24.07      | 14.70     | 72.20        | 149.50     | 71.70    | 67.36      | 11.90     | 3.54      | 70.27       | 216.56     | 19.08        | 67.49         | 68.84     |
| 642         | 168.10     | 15.93      | 87.60        | 12.42      | 14.11     | 47.20        | 134.80     | 33.30    | 71.92      | 9.00      | 1.75      | 80.53       | 163.78     | 18.76        | 32.87         | 79.93     |
| 741         | 185.80     | 9.28       | 86.40        | 23.53      | 15.00     | 66.30        | 152.70     | 33.10    | 64.32      | 10.81     | 3.53      | 67.35       | 192.00     | 18.67        | 65.89         | 65.68     |
| 742         | 175.60     | 9.54       | 94.60        | 30.27      | 13.90     | 75.10        | 169.70     | 5.90     | 57.23      | 10.22     | 4.21      | 58.83       | 185.00     | 18.24        | 76.72         | 58.53     |
| 841         | 187.34     | 7.50       | 69.03        | 19.10      | 16.67     | 70.96        | 139.99     | 47.34    | 62.12      | 10.00     | 3.18      | 68.16       | 188.23     | 18.78        | 59.79         | 68.23     |
| 842         | 137.76     | 7.67       | 47.38        | 24.40      | 13.48     | 69.87        | 117.25     | 20.51    | 49.28      | 7.40      | 3.29      | 55.55       | 139.29     | 18.86        | 62.03         | 55.46     |
| 941         | 205.35     | 9.30       | 76.93        | 27.50      | 12.57     | 68.01        | 144.94     | 60.41    | 66.88      | 10.54     | 3.46      | 67.17       | 190.70     | 18.70        | 64.70         | 66.07     |
| 942         | 205.90     | 10.60      | 83.08        | 20.70      | 14.43     | 62.74        | 145.82     | 60.08    | 69.53      | 10.55     | 2.99      | 71.66       | 190.84     | 18.07        | 54.03         | 71.69     |
| 13AVE       | 187.06     | 9.92       | 64.92        | 22.94      | 15.37     | 68.24        | 133.16     | 53.90    | 63.21      | 10.46     | 3.52      | 66.36       | 195.15     | 18.74        | 65.86         | 66.23     |
| 14AVE       | 199.02     | 10.04      | 78.36        | 22.81      | 14.67     | 68.01        | 146.37     | 52.65    | 65.35      | 10.44     | 3.32      | 68.00       | 192.08     | 18.71        | 62.18         | 67.44     |
| AVE         | 194.15     | 9.99       | 72.89        | 22.86      | 14.95     | 68.10        | 140.99     | 53.16    | 64.48      | 10.45     | 3.40      | 67.33       | 193.33     | 18.72        | 63.68         | 66.95     |

| 高CP区<br>牛No | 窒素に関する部分   |            |              |            |           |              |            |          | 乾物消化に関する部分 |           |           | 熱量消化に関する部分  |            |              |               |           |
|-------------|------------|------------|--------------|------------|-----------|--------------|------------|----------|------------|-----------|-----------|-------------|------------|--------------|---------------|-----------|
|             | 摂取窒素量<br>g | 尿量<br>日 kg | 尿中窒素<br>排泄量g | 糞量<br>日 kg | 糞乾物率<br>% | 糞中窒素<br>排泄量g | 窒素排泄量<br>g | 蓄積量<br>g | N消化率<br>%  | DMI<br>kg | 糞DM<br>kg | DM消化率<br>kg | 摂取熱量<br>MJ | 糞熱量<br>MJDM中 | 糞中熱量<br>排泄量MJ | 熱消化率<br>% |
| 132         | 239.11     | 8.19       | 104.23       | 22.46      | 16.07     | 67.63        | 171.86     | 67.26    | 71.72      | 10.78     | 3.37      | 68.75       | 203.87     | 18.54        | 62.44         | 69.37     |
| 233         | 274.23     | 8.83       | 77.32        | 21.10      | 13.92     | 63.05        | 140.37     | 133.86   | 77.01      | 10.78     | 2.94      | 72.73       | 201.80     | 18.49        | 54.36         | 73.06     |
| 234         | 274.23     | 8.28       | 86.86        | 22.60      | 15.21     | 71.68        | 158.54     | 115.69   | 73.86      | 10.78     | 3.44      | 68.09       | 201.80     | 18.48        | 63.57         | 68.50     |
| 333         | 231.44     | 17.78      | 106.70       | 18.24      | 16.60     | 54.73        | 161.43     | 70.01    | 76.35      | 11.00     | 3.03      | 72.47       | 204.33     | 18.45        | 55.86         | 72.66     |
| 334         | 235.73     | 8.30       | 47.67        | 22.89      | 16.60     | 68.67        | 116.34     | 119.39   | 70.87      | 11.45     | 3.80      | 66.83       | 212.77     | 18.44        | 70.06         | 67.07     |
| 433         |            |            |              |            |           |              |            |          |            |           |           |             |            |              |               |           |
| 434         |            |            |              |            |           |              |            |          |            |           |           |             |            |              |               |           |
| 533         | 250.92     | 10.79      | 65.11        | 21.96      | 15.45     | 72.01        | 137.12     | 113.80   | 71.30      | 11.02     | 3.39      | 69.24       | 208.13     | 18.94        | 64.22         | 69.15     |
| 534         | 243.22     | 7.49       | 39.14        | 21.64      | 15.11     | 69.25        | 108.39     | 134.83   | 71.53      | 10.68     | 3.27      | 69.38       | 201.71     | 18.95        | 61.95         | 69.29     |
| 622         | 199.30     | 8.70       | 104.40       | 21.67      | 12.38     | 61.00        | 165.40     | 33.90    | 69.39      | 10.41     | 2.68      | 74.26       | 197.96     | 18.47        | 49.49         | 75.00     |
| 624         | 283.80     | 9.55       | 113.60       | 17.28      | 15.26     | 55.30        | 168.90     | 114.90   | 80.51      | 11.41     | 2.64      | 76.86       | 216.97     | 18.62        | 49.15         | 77.35     |
| 734         | 240.99     | 6.65       | 85.69        | 21.76      | 15.23     | 63.20        | 148.89     | 92.10    | 73.77      | 10.90     | 3.31      | 69.63       | 206.46     | 19.28        | 63.81         | 69.09     |
| 833         | 206.80     | 9.17       | 102.74       | 20.30      | 17.15     | 79.00        | 181.74     | 25.06    | 61.80      | 8.80      | 3.48      | 60.44       | 164.36     | 18.47        | 64.29         | 60.89     |
| 933         | 260.52     | 10.70      | 91.47        | 22.10      | 15.06     | 69.73        | 161.20     | 99.32    | 73.23      | 11.01     | 3.33      | 69.75       | 210.00     | 17.94        | 59.73         | 71.56     |
| 934         | 245.45     | 11.07      | 104.41       | 21.10      | 16.33     | 73.28        | 177.69     | 67.76    | 70.14      | 10.38     | 3.45      | 66.76       | 197.99     | 18.79        | 64.82         | 67.26     |
| 033         | 244.96     | 14.09      | 123.43       | 27.30      | 16.50     | 90.64        | 214.06     | 30.90    | 63.00      | 11.60     | 4.50      | 61.17       | 219.46     | 19.00        | 85.59         | 61.00     |
| 034         |            |            |              |            |           |              |            |          |            |           |           |             |            |              |               |           |
| 143         | 236.28     | 6.35       | 68.39        | 20.81      | 15.02     | 63.67        | 132.07     | 104.22   | 73.05      | 10.33     | 3.13      | 69.73       | 188.53     | 18.66        | 58.32         | 69.07     |
| 144         | 253.42     | 9.45       | 107.39       | 16.46      | 17.18     | 57.58        | 164.97     | 88.46    | 77.28      | 11.20     | 2.83      | 74.76       | 203.27     | 18.63        | 52.67         | 74.09     |
| 243         | 288.09     | 8.99       | 92.47        | 22.00      | 15.83     | 70.39        | 162.86     | 125.23   | 75.57      | 11.50     | 3.48      | 69.74       | 212.55     | 18.91        | 65.81         | 69.04     |
| 244         | 289.38     | 8.63       | 105.37       | 22.37      | 13.21     | 61.30        | 166.67     | 122.71   | 78.82      | 11.56     | 2.96      | 74.39       | 213.05     | 18.35        | 54.32         | 74.51     |
| 343         | 284.23     | 10.58      | 121.64       | 21.22      | 15.90     | 61.53        | 182.17     | 101.06   | 78.35      | 10.97     | 3.37      | 69.24       | 199.67     | 18.61        | 62.78         | 68.56     |
| 344         | 295.19     | 11.43      | 125.77       | 22.78      | 15.80     | 72.89        | 198.67     | 96.52    | 75.31      | 11.39     | 3.60      | 68.40       | 207.37     | 18.65        | 67.12         | 67.63     |
| 443         |            |            |              |            |           |              |            |          |            |           |           |             |            |              |               |           |
| 444         |            |            |              |            |           |              |            |          |            |           |           |             |            |              |               |           |
| 543         | 247.41     | 9.45       | 102.97       | 25.02      | 15.10     | 73.03        | 176.00     | 71.41    | 70.48      | 11.07     | 3.78      | 65.88       | 217.36     | 18.91        | 71.43         | 67.14     |
| 544         | 254.17     | 10.11      | 104.29       | 22.95      | 16.40     | 72.34        | 176.63     | 77.54    | 71.54      | 11.38     | 3.76      | 66.94       | 224.50     | 18.73        | 70.46         | 68.62     |
| 643         | 247.70     | 11.30      | 102.80       | 20.83      | 14.21     | 62.50        | 165.30     | 82.40    | 74.77      | 11.00     | 2.96      | 73.09       | 200.57     | 18.91        | 55.97         | 72.09     |
| 644         | 220.20     | 8.40       | 68.00        | 20.32      | 12.45     | 83.30        | 151.30     | 68.90    | 62.17      | 9.80      | 2.53      | 74.19       | 178.69     | 18.46        | 46.70         | 73.86     |
| 743         | 188.60     | 8.76       | 91.70        | 24.77      | 14.90     | 68.40        | 160.10     | 28.50    | 63.73      | 9.24      | 3.69      | 60.06       | 167.00     | 18.44        | 68.03         | 59.26     |
| 744         |            |            |              |            |           |              |            |          |            |           |           |             |            |              |               |           |
| 843         | 243.93     | 10.27      | 56.44        | 28.50      | 12.74     | 70.26        | 126.71     | 117.22   | 71.19      | 10.60     | 3.63      | 65.75       | 200.46     | 18.80        | 68.25         | 65.95     |
| 844         | 269.24     | 13.47      | 56.05        | 29.90      | 13.76     | 73.50        | 129.55     | 139.69   | 72.70      | 11.70     | 4.11      | 64.87       | 221.26     | 18.94        | 77.84         | 64.82     |
| 943         | 212.77     | 10.50      | 109.84       | 20.55      | 14.42     | 67.79        | 177.63     | 35.14    | 68.14      | 9.04      | 2.96      | 67.26       | 164.38     | 18.46        | 54.64         | 66.76     |
| 944         | 204.65     | 11.90      | 107.85       | 19.95      | 14.73     | 68.93        | 176.78     | 27.87    | 66.32      | 8.59      | 2.94      | 65.77       | 156.19     | 18.62        | 54.74         | 64.95     |
| 13AVE       | 245.05     | 9.97       | 89.48        | 21.60      | 15.49     | 68.51        | 158.00     | 87.05    | 71.75      | 10.79     | 3.33      | 69.03       | 203.40     | 18.63        | 62.10         | 69.37     |
| 14AVE       | 249.02     | 9.97       | 94.73        | 22.56      | 14.78     | 68.49        | 163.23     | 85.79    | 71.96      | 10.62     | 3.32      | 68.67       | 196.99</   |              |               |           |