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STUD BOOK

# *Logix* Melk/Milk

*Kudde Gesondheids Verslag / Herd Health Report*

**WATERBRON JERSEYS**

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**Toetsdag: 2025-02-10**

**Jersey Koeie**

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# OPSOMMENDE KUDDE GESONDHEIDS VERSLAG

## WATERBRON JERSEYS - Jersey Koeie

**Tabel 1:** Opsomming vir Toetsdag 2025-02-10 (Aantal Monsters Getoets: 328)

| Analise                       | Resultaat                                                                                                                                      | Norme*                                                          | % Koeie buite norme*                                                                                 |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Melk Produksie (kg)           | Gem.: 22.6 Mediaan: 22.1                                                                                                                       |                                                                 |                                                                                                      |
| Bottervet (%)                 | Gem.: 5.75 Mediaan: 5.85                                                                                                                       | 3.5 % - 6.0 %                                                   | Te Laag: 1 %<br>Te Hoog: 46 %                                                                        |
| Proteïen (%)                  | Gem.: 3.69 Mediaan: 3.65                                                                                                                       | 3.0 % - 4.5 %                                                   | Te Laag: 2 %<br>Te Hoog: 3 %                                                                         |
| Laktose (%)                   | Gem.: 4.47 Mediaan: 4.49                                                                                                                       | > 4.7 %                                                         | Te Laag: 79 %                                                                                        |
| MUN (mg/dl)                   | Gem.: 16.81 Mediaan: 17.00                                                                                                                     | 8 - 16 mg/dl                                                    | Te Laag: 2 %<br>Te Hoog: 62 %                                                                        |
| SST (1000/ml)                 | Gem.: 226 Mediaan: 53<br>% < 100 : 71.6 %<br>% < 200 : 86.3 %<br>% < 500 : 91.8 %<br>% > 750 : 6.4 %<br>% > 1 000 : 5.2 %<br>% > 1 500 : 2.7 % | < 200<br>> 64 %<br>> 75 %<br>> 92 %<br>< 4.8 %<br>< 1 %<br>GEEN | Te Hoog: 0 %<br>Te Hoog: 0 %<br>Te Hoog: 0.2 %<br>Te Hoog: 1.6 %<br>Te Hoog: 4.2 %<br>Te Hoog: 2.7 % |
| Bottervet/Proteïen verhouding | Gemiddeld: 1.6                                                                                                                                 | > 1.0                                                           | Te Hoog: 1.2 %                                                                                       |

**Tabel 2:** Kwantifisering van Sekere Gevalle (% van kudde) en Verliese aan Produksie op 2025-02-10

|                                          |               |                                        |              |
|------------------------------------------|---------------|----------------------------------------|--------------|
| <b>Verlies in Produksie agv:</b>         |               | <b>Gem/Mediaan SST (Aantal (n)):</b>   |              |
| SST (kg per dag):                        | 345.4 (4.7 %) | 1ste Lakt Koeie:                       | 89/49 (88)   |
| DIM (kg per dag):                        | 0 (0.0 %)     | 2de Lakt Koeie:                        | 119/42 (86)  |
| Aantal Koeie Onder Druk:                 | 24 (7.3 %)    | 3de Lakt Koeie:                        | 157/39 (54)  |
| Aantal Koeie met SST > 200k:             | 45 (13.7 %)   | 4de Lakt Koeie:                        | 373/57 (43)  |
| Aantal Koeie met SST > 750k:             | 21 (6.4 %)    | 5de Lakt Koeie:                        | 251/74 (32)  |
| Aantal Nuwe Infeksies:                   | 28 (8.5 %)    | 6+ Lakt Koeie:                         | 943/231 (25) |
| Herhaalde Gevalle:                       | 12 (3.7 %)    | Gem SST vir SST > 750k (n):            | 2285 (21)    |
| Genesingskoers vir SST > 200k:           | 41.3 % (19)   | Gem Dae In Melk (DIM) vir Kudde:       | 160          |
| Genesingskoers vir SST > 750k:           | 38.9 % (7)    | Mediaan van DIM vir Kudde:             | 172          |
| Aantal Chroniese Infeksies (SST > 200k): | 5 (1.5 %)     | Gem DIM vir SST < 200k (n):            | 162 (283)    |
| Aantal Chroniese Infeksies (SST > 750k): | 2 (0.6 %)     | Gem DIM vir SST > 200k en < 750k (n):  | 140 (24)     |
| Aantal Moontlike Ketose Gevalle:         | 47            | Gem DIM vir SST > 750k (n):            | 167 (21)     |
| Aantal Moontlike Asidose Gevalle:        | 4             | Gem Laktasie vir Kudde:                | 3            |
| Gem. Ouderdom Eerste Kalf (Mnd):         | 23            | Gem Laktasie vir SST < 200k:           | 3            |
| Gem. Inter Kalf Periode (Dae):           | 389           | Gem Laktasie vir SST > 200k en < 750k: | 4            |
| Aantal Spoelings:                        | NVT           | Gem Laktasie vir SST > 750k:           | 4            |
| Aantal Embrios:                          | NVT           |                                        |              |

**Tabel 3:** Kudde Vergelyking met die Top 25%, Gemiddeld en die Onderste 25% vir verskillende kenmerke, Getoets Gedurende die Laaste Maand, vir vir Jersey Koeie

|                     | Melk Produksie (kg) | Bottervet (%) | Proteïen (%) | Laktose (%) | SST (1000/ml) | MUN (mg/dl) |
|---------------------|---------------------|---------------|--------------|-------------|---------------|-------------|
| <b>Kudde</b>        | 22.6                | 5.75          | 3.69         | 4.47        | 226           | 16.81       |
| <b>Top 25%</b>      | 25.9                | 5.76          | 4.18         | 4.84        | 37            | 17.06       |
| <b>Ras Gem</b>      | 21.4                | 5.15          | 3.88         | 4.66        | 272           | 13.37       |
| <b>Onderste 25%</b> | 16.1                | 4.62          | 3.63         | 4.54        | 270           | 10.30       |

\* **KONTAK ASSEBLIEF U VEEARTS, PROFESSIONELE VEEKUNDIGE of LogixMelk TEGNIESE ADVISEUR vir die interpretasie van hierdie resultate en professionele adviesdienste.**

**Tabel 4:** Somatiese Opsomming van die Persentasie Koeie (Aantal) in Kudde met Somatiese Metings per Laktasie Groep vir 328 Jersey Koeie

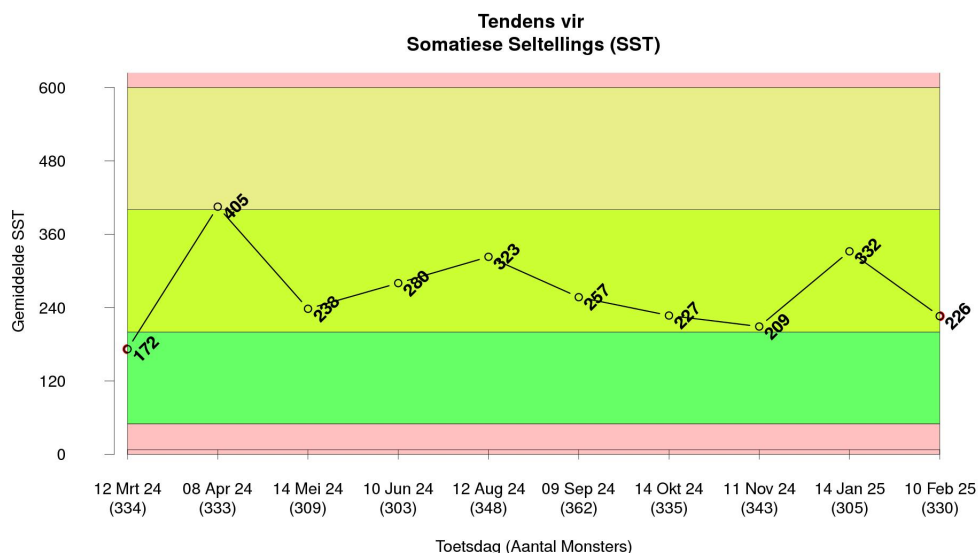
| Laktasie Groep | % van Kudde | Vroeë Laktasie | Mid Laktasie | Laat Laktasie | % SST > 200k | % SST > 750k |
|----------------|-------------|----------------|--------------|---------------|--------------|--------------|
| 1              | 26.8% (88)  | 11.0% (36)     | 8.8% (29)    | 7.0% (23)     | 1.5% (5)     | 0.3% (1)     |
| 2              | 26.2% (86)  | 7.9% (26)      | 10.4% (34)   | 7.9% (26)     | 3.4% (11)    | 1.2% (4)     |
| 3              | 16.5% (54)  | 4.0% (13)      | 5.5% (18)    | 7.0% (23)     | 1.2% (4)     | 0.9% (3)     |
| 4              | 13.1% (43)  | 3.0% (10)      | 4.6% (15)    | 5.5% (18)     | 1.8% (6)     | 0.6% (2)     |
| 5              | 9.8% (32)   | 2.7% (9)       | 3.0% (10)    | 4.0% (13)     | 1.8% (6)     | 0.9% (3)     |
| 6+             | 7.6% (25)   | 0.9% (3)       | 2.4% (8)     | 4.3% (14)     | 4.0% (13)    | 2.4% (8)     |
| <b>Kudde</b>   | 100% (328)  | 29.5% (97)     | 34.7% (114)  | 35.7% (117)   | 13.7% (45)   | 6.3% (21)    |

**Tabel 5:** Somatiese Sel Telling (SST) Analise: Persentasie (Aantal) Koeie Binne Stadiuim van Laktasie en Laktasie Groep met SST > 200 000 en SST > 750 000 vir 328 Jersey Koeie

| Laktasie Groep | Vroeë Laktasie |              | Mid Laktasie |              | Laat Laktasie |              |
|----------------|----------------|--------------|--------------|--------------|---------------|--------------|
|                | % SST > 200k   | % SST > 750k | % SST > 200k | % SST > 750k | % SST > 200k  | % SST > 750k |
| 1              | 8.3% (3)       | 0.0% (0)     | 3.4% (1)     | 0.0% (0)     | 4.3% (1)      | 4.3% (1)     |
| 2              | 26.9% (7)      | 7.7% (2)     | 8.8% (3)     | 2.9% (1)     | 3.8% (1)      | 3.8% (1)     |
| 3              | 7.7% (1)       | 0.0% (0)     | 0.0% (0)     | 0.0% (0)     | 13.0% (3)     | 13.0% (3)    |
| 4              | 0.0% (0)       | 0.0% (0)     | 13.3% (2)    | 13.3% (2)    | 22.2% (4)     | 0.0% (0)     |
| 5              | 33.3% (3)      | 22.2% (2)    | 10.0% (1)    | 0.0% (0)     | 15.4% (2)     | 7.7% (1)     |
| 6+             | 66.7% (2)      | 33.3% (1)    | 75.0% (6)    | 50.0% (4)    | 35.7% (5)     | 21.4% (3)    |

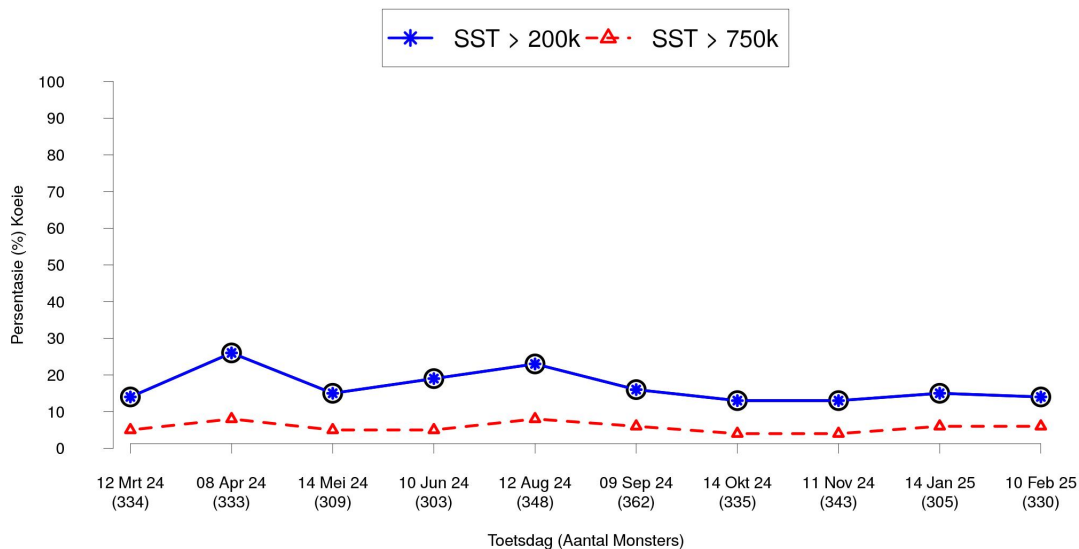
**Tabel 6:** Bulk Tenk Uitslae vir 2025-02-10 (Aantal Monsters Getoets: 0)

| Tenk Nr        | Bottervet (%) | Proteïen (%) | Laktose (%) | SST (1000/ml) | MUN (mg/dl) | pH |
|----------------|---------------|--------------|-------------|---------------|-------------|----|
| Berekende Tenk | 5.74          | 3.67         | 4.48        | 221           | 17          |    |



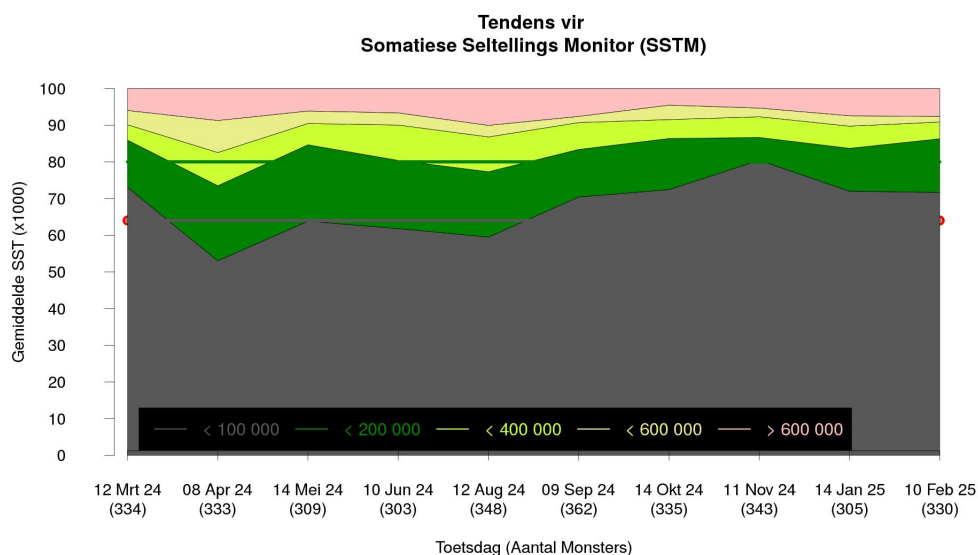
**Figuur 1:** Somatiese Seltelling (SST) Tendens

Die gemiddelde Somatiese Seltellings (SST) en die tendens oor tyd van die kudde word in die grafiek aangetoon. Die ideaal sou wees dat die hele kudde 'n gemiddelde SST van < 200 000 het. 'n Hoër SST lei tot laer melk produksies. Indien individuele diere waarvan die SST styg, vroeër geïdentifiseer en behandel kan word, sal dit lei tot 'n verhoogde inkomste.



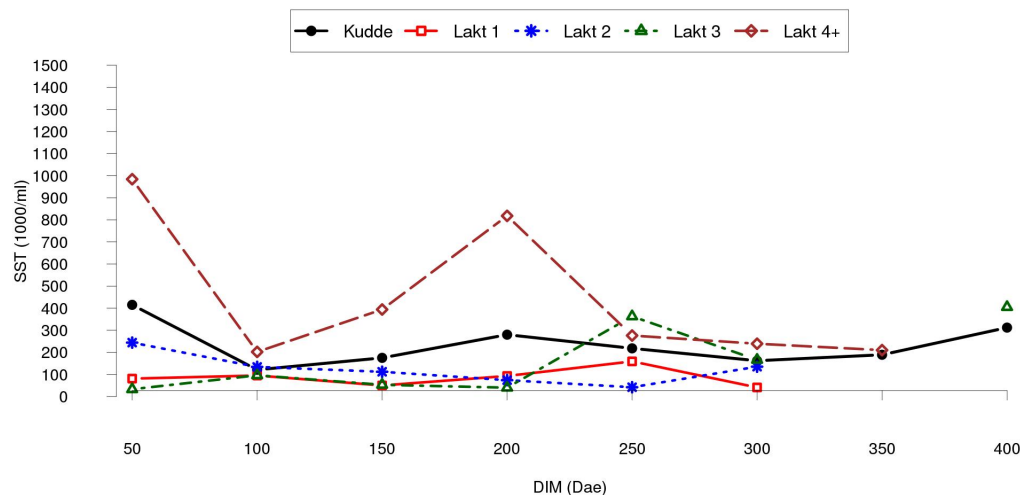
**Figuur 2:** Persentasie (%) Koeie met Somatiesse Sel Tellings (SST) meer as 200k en 750k per Toetsdag

Die grafiek toon die tendens van die % koeie met 'n Somatiesse Sel Telling (SST) van hoër as 200k en 750k, onderskeidelik. Die ideaal sou wees om so veel as moontlik koeie se SSTs onder 200K te kry met geen koeie se SST hoër as 750k nie.



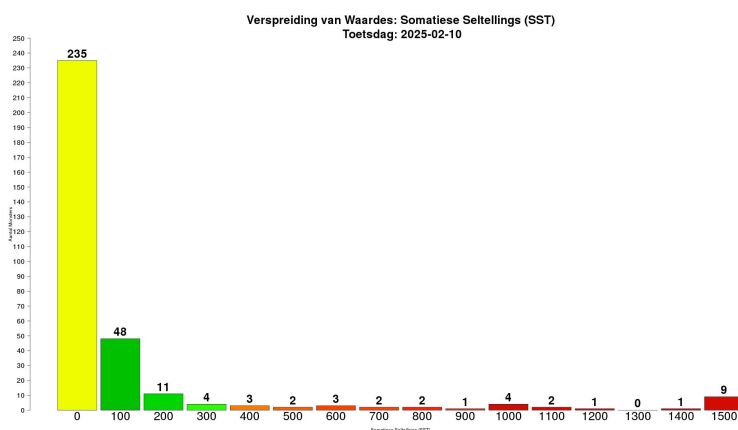
**Figuur 3:** Somatiesse Seltelling (SST) Monitor oor Tyd

Die grafiek dui die persentasie van diere binne verskillende Somatiesse Seltellings (SST) grense val. Die ideaal is dat 64% van die diere se SST < 100 000 is en 80% < 250 000. Die rooi gebied (> 600 000) moet so min diere as moontlik vertoon.



**Figuur 4:** Gemiddelde Somatiesie Sel Telling(SST, x1000/ml) per Dae In Melk (DIM)

Hierdie Figuur toon die gemiddelde Somatiesie Sel Tellings (SST) aan per Dae In Melk (DIM). Hierdie gemiddeldes is geskool op die kudde gemiddeld, sowel as die gemiddelde SSTs per dag in melk vir onderskeidelik Laktasies 1, 2, 3 en 4+.



**Figuur 5:** Somatiesie Seltelling (SST) Verspreiding vir Toetsdag (2025-02-10)

Die grafiek dui die aantal diere binne sekere grense van die Somatiesie Seltellings (SST) aan. Indien diere met SST hoër as 600 000 geïdentifiseer kan word, kan die diere behandeling ontvang of in uiterste gevalle, verwyder word om die SST binne aanvaarbare norme te hou.

**Tabel 7:** Somatiesie Seltellings (SST) Verspreiding en Melkverlies Monitor op 2025-02-10

| SST Vlakke         | < 100k            | 100k - 200k | 200k - 500k        | 500k - 800k | 800k - 1 500k  | > 1 500k            |
|--------------------|-------------------|-------------|--------------------|-------------|----------------|---------------------|
| Aantal Koeie       | 235               | 48          | 18                 | 7           | 11             | 9                   |
| % Koeie            | 71.6 %            | 14.6 %      | 5.5 %              | 2.1 %       | 3.4 %          | 2.7 %               |
| Melk Kwaliteit     | <b>Uitstekend</b> | <b>Goed</b> | <b>Kort Aandag</b> | <b>Swak</b> | <b>Ernstig</b> | <b>BAIE Ernstig</b> |
| % Melkverlies      | < 2 %             | 2 - 4 %     | 4 - 8 %            | 8 - 10 %    | 10 - 35 %      | > 35 %              |
| % Kwarte Infeksies | < 1 %             | 1 - 6 %     | 6 - 16 %           | 16 - 26 %   | 26 - 48 %      | > 48 %              |

Die gemiddelde Somatiesie Seltelling (SST) vir die kudde op die 2025-02-10 was 226 000. Dit plaas die kudde in 'n "Geel" SST sone en u melk kwaliteit Kort Aandag. Verlies aan melk produksie as gevolg van SST is tussen 4 en 8 %.

Uiergesondheid: Mastitis infeksies is sigbaar. Kontroleer onmiddellik alle Mastitis bestuurs- en kontrole meganismes.

**Tabel 8:** Koeie Onder Druk (SST > 500k en Laktose % < 4.6)

| Koei ID   | Naam             | SST  | Laktose % | DIM | Lakt Nr | Produksie |
|-----------|------------------|------|-----------|-----|---------|-----------|
| HNV160096 | DRAPER PEONI     | 9999 | 3.01      | 13  | 7       | 20.4      |
| HNV190017 | GRANT FLEE       | 9999 | 3.03      | 200 | 4       | 20.1      |
| HNV200087 | BENELLI LOUVER   | 3430 | 3.93      | 205 | 3       | 26.7      |
| HNV170072 | VALENTINO PAULET | 3013 | 4.35      | 150 | 6       | 20.9      |
| HNV190024 | PHAROAH TRINKI   | 2495 | 3.07      | 34  | 5       | 29.7      |
| HNV200002 | KNOCKOUT LEIRA   | 1757 | 4.23      | 153 | 4       | 22.1      |
| HNV160056 | TOPEKA LUCKY     | 1598 | 3.98      | 238 | 7       | 18.2      |
| HNV160169 | PLEX WONNY       | 1508 | 4.35      | 202 | 6       | 25.4      |
| HNV160129 | DIMENSION LINDA  | 1481 | 4.23      | 275 | 6       | 22.3      |
| HNV170132 | PFLEX PEPSI      | 1235 | 4.33      | 235 | 5       | 20.7      |
| HNV180116 | KNOCKOUT SHIVAS  | 1154 | 4.00      | 92  | 5       | 18.5      |
| HNV200013 | BENELLI SILERA   | 1133 | 4.58      | 361 | 3       | 24.7      |
| HNV220041 | COLGATE AMY      | 1077 | 3.79      | 209 | 1       | 22.9      |
| HNV210117 | CASINO ERNA      | 1036 | 4.49      | 252 | 2       | 14.3      |
| HNV170060 | LEONEL DOANA     | 1028 | 4.42      | 132 | 6       | 22.7      |
| HNV210156 | ANDERS HILCA     | 1011 | 4.47      | 146 | 2       | 26.1      |
| HNV220075 | TAGGERES SAMIA   | 988  | 4.55      | 19  | 2       | 23.1      |
| HNV220066 | ANDERS MUSICA    | 842  | 4.38      | 16  | 2       | 20.6      |
| HNV200112 | CHROME BOAT      | 817  | 3.83      | 253 | 3       | 25.2      |
| HNV160116 | VALENTINO ROBYN  | 785  | 4.46      | 147 | 7       | 21.7      |
| HNV190021 | PHAROAH FRIZBY   | 703  | 4.37      | 31  | 5       | 20.2      |
| HNV230045 | BLIZZARD HEIDI   | 647  | 4.20      | 56  | 1       | 18.5      |
| HNV220001 | COLGATE GLENIS   | 609  | 4.51      | 76  | 2       | 23.1      |
| HNV220113 | TAGGERES SERMA   | 532  | 3.99      | 153 | 1       | 24.8      |

**Tabel 9:** Koeie met Somatiese Sel Telling van > 200k (Status: N=Nuwe -, C=Chronies -, R=Herhaalde - en CR=Chronies en Herhaalde Infeksies)

| Koei ID   | Naam             | SST<br>2025-02-10 | SST<br>2025-01-14 | SST<br>2024-11-11 | Produksie | DIM | Lakt Nr | Status |
|-----------|------------------|-------------------|-------------------|-------------------|-----------|-----|---------|--------|
| HNV190017 | GRANT FLEE       | 9999              | 9999              | 551               | 20.1      | 200 | 4       | C      |
| HNV160096 | DRAPER PEONI     | 9999              | -                 | -                 | 20.4      | 13  | 7       | N      |
| HNV200087 | BENELLI LOUVER   | 3430              | 407               | 19                | 26.7      | 205 | 3       | N      |
| HNV170072 | VALENTINO PAULET | 3013              | 4407              | -                 | 20.9      | 150 | 6       | N      |
| HNV190024 | PHAROAH TRINKI   | 2495              | -                 | -                 | 29.7      | 34  | 5       | N      |
| HNV200002 | KNOCKOUT LEIRA   | 1757              | 700               | 119               | 22.1      | 153 | 4       | R      |
| HNV150121 | LEONEL IMPIA     | 1608              | 4778              | 9999              | 23.9      | 183 | 8       | C      |
| HNV160056 | TOPEKA LUCKY     | 1598              | 753               | 6108              | 18.2      | 238 | 7       | C      |
| HNV160169 | PLEX WONNY       | 1508              | 111               | 21                | 25.4      | 202 | 6       | R      |
| HNV160129 | DIMENSION LINDA  | 1481              | 284               | 26                | 22.3      | 275 | 6       | R      |
| HNV170132 | PFLEX PEPSI      | 1235              | 2820              | 140               | 20.7      | 235 | 5       | N      |
| HNV180116 | KNOCKOUT SHIVAS  | 1154              | -                 | -                 | 18.5      | 92  | 5       | N      |
| HNV200013 | BENELLI SILERA   | 1133              | 179               | 80                | 24.7      | 361 | 3       | R      |
| HNV220041 | COLGATE AMY      | 1077              | 16                | 18                | 22.9      | 209 | 1       | N      |
| HNV210117 | CASINO ERNA      | 1036              | 25                | 11                | 14.3      | 252 | 2       | N      |
| HNV170060 | LEONEL DOANA     | 1028              | 74                | 218               | 22.7      | 132 | 6       | R      |
| HNV210156 | ANDERS HILCA     | 1011              | 1415              | 54                | 26.1      | 146 | 2       | N      |
| HNV220075 | TAGGERES SAMIA   | 988               | -                 | 8                 | 23.1      | 19  | 2       | N      |
| HNV220066 | ANDERS MUSICA    | 842               | -                 | 97                | 20.6      | 16  | 2       | N      |
| HNV200112 | CHROME BOAT      | 817               | -                 | 98                | 25.2      | 253 | 3       | R      |
| HNV160116 | VALENTINO ROBYN  | 785               | 1348              | 94                | 21.7      | 147 | 7       | N      |
| HNV190021 | PHAROAH FRIZBY   | 703               | -                 | 533               | 20.2      | 31  | 5       | N      |
| HNV230045 | BLIZZARD HEIDI   | 647               | 308               | -                 | 18.5      | 56  | 1       | N      |
| HNV190056 | KINGSTON LITAZY  | 628               | 358               | 490               | 22.8      | 281 | 4       | C      |
| HNV220001 | COLGATE GLENIS   | 609               | -                 | -                 | 23.1      | 76  | 2       | N      |
| HNV210038 | RUGER CAROL      | 556               | -                 | -                 | 27        | 88  | 3       | N      |
| HNV220113 | TAGGERES SERMA   | 532               | 281               | 52                | 24.8      | 153 | 1       | R      |
| HNV210025 | CHROME MAKI      | 478               | -                 | -                 | 31.8      | 84  | 2       | N      |
| HNV170010 | LEONEL BAMBI     | 474               | 299               | 31                | 20.9      | 192 | 6       | N      |
| HNV190095 | KINGSTON JELLY   | 453               | 85                | 219               | 18.2      | 299 | 4       | R      |
| HNV230064 | CORBIN ELBE      | 368               | -                 | -                 | 15.7      | 9   | 1       | N      |
| HNV220009 | MEGAPOWER STAR   | 351               | -                 | -                 | 26.1      | 34  | 2       | N      |
| HNV220040 | COLGATE ELANI    | 344               | 44                | -                 | 26.7      | 77  | 2       | N      |
| HNV180115 | LEONEL BRITNI    | 325               | 492               | 49                | 17.9      | 285 | 5       | R      |
| HNV190065 | CHROME ERINA     | 298               | 21                | 30                | 18.2      | 304 | 4       | N      |
| HNV170061 | MALACHI NEWS     | 274               | 55                | 131               | 21.4      | 128 | 6       | R      |
| HNV180125 | LEONEL BUNNY     | 263               | 452               | 29                | 25.1      | 233 | 4       | N      |
| HNV160007 | LEONEL LINAKI    | 260               | 39                | -                 | 28.1      | 90  | 8       | N      |
| HNV190006 | GRANT LATTY      | 253               | -                 | 425               | 24.3      | 120 | 5       | N      |
| HNV160073 | LEONEL SILVERA   | 248               | 83                | 134               | 22.4      | 240 | 7       | R      |
| HNV230048 | BLIZZARD LIPORA  | 240               | 451               | -                 | 16.9      | 55  | 1       | N      |
| HNV220008 | ORIOLE HAZLET    | 234               | -                 | -                 | 31.3      | 26  | 2       | N      |
| HNV160059 | VALENTINO ELIZNA | 231               | 621               | 750               | 20.5      | 215 | 7       | C      |
| HNV210122 | ORIOLE LENTE     | 226               | 192               | 45                | 24.5      | 117 | 2       | N      |
| HNV210055 | CHROME HASELA    | 211               | 38                | 321               | 21.3      | 169 | 2       | R      |

**Tabel 10:** Moontlike Ketose gevalle; Koeie onder 100 dae in melk ( Prot. Vet Verhouding < 0.68 vir Jerseys en < 0.74 vir ander Rasse )

| Koei ID   | Naam            | Produksie | DIM | Lakt Nr | Prot % tot Vet % | Ras |
|-----------|-----------------|-----------|-----|---------|------------------|-----|
| HNV200119 | CASINO VELVET   | 17.8      | 74  | 3       | 0.45             | JSE |
| HNV180153 | GRANT TOKKI     | 29.3      | 22  | 5       | 0.45             | JSE |
| HNV200019 | GRANT JIPPI     | 37.3      | 23  | 4       | 0.46             | JSE |
| HNV220089 | TAGGERES IMA    | 16.6      | 36  | 2       | 0.46             | JSE |
| HNV220034 | COLGATE TRINKA  | 23        | 27  | 2       | 0.47             | JSE |
| HNV170071 | DIMENSION MICKY | 24.2      | 76  | 6       | 0.48             | JSE |
| HNV220066 | ANDERS MUSICA   | 20.6      | 16  | 2       | 0.48             | JSE |
| HNV220031 | CASINO BIENA    | 29        | 95  | 2       | 0.48             | JSE |
| HNV230040 | LAWSON CONNIE   | 20.4      | 55  | 1       | 0.48             | JSE |
| HNV190054 | GRANT BURKI     | 31.4      | 31  | 5       | 0.49             | JSE |
| HNV210142 | COLGATE FLIRTA  | 27.9      | 93  | 2       | 0.49             | JSE |
| HNV210038 | RUGER CAROL     | 27        | 88  | 3       | 0.49             | JSE |
| HNV220149 | BOREAL STARLIA  | 18.2      | 38  | 1       | 0.50             | JSE |
| HNV190122 | DISCO TILLIE    | 27.8      | 16  | 4       | 0.50             | JSE |
| HNV210042 | CASINO MAXI     | 30.6      | 51  | 3       | 0.50             | JSE |
| HNV220040 | COLGATE ELANI   | 26.7      | 77  | 2       | 0.50             | JSE |
| HNV210017 | CASINO JESS     | 26        | 95  | 3       | 0.51             | JSE |
| HNV230021 | BOREAL DOREA    | 17.3      | 63  | 1       | 0.51             | JSE |
| HNV230028 | BLIZZARD TOELA  | 20.1      | 86  | 1       | 0.52             | JSE |
| HNV230043 | WESSON MORET    | 20.8      | 48  | 1       | 0.52             | JSE |
| HNV190138 | CHROME BENIA    | 22.7      | 89  | 4       | 0.52             | JSE |
| HNV230024 | BOREAL MORIA    | 19        | 87  | 1       | 0.53             | JSE |
| HNV230007 | BOREAL TOSSI    | 19.5      | 78  | 1       | 0.53             | JSE |
| HNV190150 | KINGSTON SHIKA  | 22.8      | 93  | 4       | 0.54             | JSE |
| HNV210144 | COLGATE NOELA   | 25.2      | 77  | 2       | 0.54             | JSE |
| HNV220027 | COLGATE ELIRA   | 23.6      | 98  | 2       | 0.55             | JSE |
| HNV230064 | CORBIN ELBE     | 15.7      | 9   | 1       | 0.55             | JSE |
| HNV220057 | DAVE MOVIA      | 26.4      | 58  | 2       | 0.55             | JSE |
| HNV220001 | COLGATE GLENIS  | 23.1      | 76  | 2       | 0.56             | JSE |
| HNV230045 | BLIZZARD HEIDI  | 18.5      | 56  | 1       | 0.57             | JSE |
| HNV220065 | ANDERS HAZEBA   | 17.9      | 8   | 2       | 0.57             | JSE |
| HNV220006 | COLGATE BELINA  | 22.1      | 55  | 2       | 0.58             | JSE |
| HNV210160 | COLGATE ARLEXA  | 23        | 95  | 2       | 0.58             | JSE |
| HNV190153 | DISCO HELGRA    | 30.5      | 85  | 4       | 0.59             | JSE |
| HNV220154 | STURGIS LOUNA   | 21.5      | 46  | 1       | 0.59             | JSE |
| HNV190023 | PHAROAH JORNA   | 24.3      | 35  | 4       | 0.61             | JSE |
| HNV230032 | BLIZZARD LENA   | 17.5      | 64  | 1       | 0.62             | JSE |
| HNV190016 | PFLX PENNY      | 24        | 37  | 5       | 0.62             | JSE |
| HNV230030 | LAWSON MICRA    | 17.2      | 26  | 1       | 0.63             | JSE |
| HNV230058 | STURGIS CHERET  | 19.2      | 55  | 1       | 0.63             | JSE |
| HNV230053 | LAWSON SAMMY    | 20.1      | 57  | 1       | 0.64             | JSE |
| HNV210047 | KINGSTON HANRIA | 32.3      | 39  | 3       | 0.65             | JSE |
| HNV200026 | DISCO BUTTER    | 25.7      | 31  | 4       | 0.65             | JSE |
| HNV180116 | KNOCKOUT SHIVAS | 18.5      | 92  | 5       | 0.65             | JSE |
| HNV210067 | STARLORD TOKELA | 29.1      | 46  | 3       | 0.65             | JSE |
| HNV220014 | COLGATE MAKRI   | 28.2      | 85  | 2       | 0.66             | JSE |
| HNV230041 | LAWSON NUTSY    | 17.4      | 41  | 1       | 0.68             | JSE |

**Tabel 11:** Moontlike Asidose Koeie ( Protein % > Bottervet %)

| <b>Koei ID</b> | <b>Naam</b>    | <b>Produksie</b> | <b>DIM</b> | <b>Lakt Nr</b> | <b>Prot % tot Vet %</b> |
|----------------|----------------|------------------|------------|----------------|-------------------------|
| HNV200063      | KINGSTON IMPAL | 20.3             | 238        | 3              | 1.25                    |
| HNV170166      | PHAROAH MARTY  | 23.2             | 187        | 5              | 1.18                    |
| HNV200043      | CHROME BROOKE  | 31.5             | 105        | 3              | 1.12                    |
| HNV160007      | LEONEL LINAKI  | 28.1             | 90         | 8              | 1.01                    |

**Tabel 12:** Opgedroogde Koeie met 'n Droë Periode van meer as 55 Dae

| Koei ID    | Naam                  | Ras | Laaste TKP | Gem. TKP | N TKPs | Dae na Laaste Kalf | Dae Oop |
|------------|-----------------------|-----|------------|----------|--------|--------------------|---------|
| HNV 210101 | CASINO SNOBE          | JSE | -          | -        | -      | 650                | 348     |
| HNV 180004 | KNIGHT LINDA          | JSE | 418        | 421      | 3      | 640                | 339     |
| HNV180081  | LEONEL FLAVIA         | JSE | 344        | 375      | 3      | 626                | 314     |
| HNV 160170 | PLEX WINIKA           | JSE | 521        | 544      | 3      | 608                | 306     |
| HNV 210092 | CASINO CHEGO          | JSE | -          | -        | -      | 581                | 279     |
| HNV 160130 | DIMENSION PRISLA      | JSE | 430        | 427      | 4      | 565                | 263     |
| HNV190079  | PFLEX KAREN           | JSE | 694        | 694      | 1      | 563                | 261     |
| HNV 160153 | LEONEL MAKOU          | JSE | 754        | 566      | 3      | 584                | 251     |
| HNV 210077 | CASINO ELDIKA         | JSE | -          | -        | -      | 539                | 237     |
| HNV210097  | ENSIGN GRASSI         | JSE | -          | -        | -      | 521                | 219     |
| HNV 180096 | PFLEX LANLEY          | JSE | 356        | 406      | 3      | 510                | 208     |
| HNV 210033 | DISCO GILLE           | JSE | -          | -        | -      | 505                | 203     |
| HNV 200022 | BENELLI WINDY         | JSE | 541        | 541      | 1      | 503                | 201     |
| HNV160110  | STRINGER PALTWO       | JSE | 375        | 369      | 5      | 552                | 192     |
| HNV 160109 | STRINGER PALONE       | JSE | 717        | 478      | 4      | 488                | 186     |
| HNV160093  | LEMONHEAD CHERLI      | JSE | 338        | 379      | 5      | 486                | 184     |
| HNV 190160 | KINGSTON MAKIRI       | JSE | 327        | 381      | 2      | 473                | 171     |
| HNV170075  | LEMONHEAD AMORET      | JSE | 650        | 549      | 3      | 472                | 170     |
| HNV210153  | DAVE FUZZA            | JSE | -          | -        | -      | 469                | 167     |
| HNV 180110 | KNOCKOUT HANKA        | JSE | 418        | 394      | 3      | 467                | 157     |
| HNV160009  | STRINGER ELDIRA       | JSE | 405        | 362      | 6      | 456                | 154     |
| HNV 170057 | MALACHI TINKIE        | JSE | 394        | 431      | 4      | 447                | 145     |
| HNV 180092 | LEMONHEAD ELAINE      | JSE | 678        | 652      | 2      | 446                | 144     |
| HNV 150061 | TAD BEKARI            | JSE | 336        | 337      | 7      | 438                | 136     |
| HNV 160045 | LEONEL DONUT          | JSE | 501        | 424      | 5      | 438                | 136     |
| HNV220033  | ANDERS BELDA          | JSE | -          | -        | -      | 437                | 135     |
| HNV 190026 | PFLEX BENATY          | JSE | 322        | 358      | 3      | 434                | 132     |
| HNV 180060 | PHAROAH STARLI        | JSE | 348        | 343      | 4      | 430                | 128     |
| HNV200056  | CHROME HALEN          | JSE | 502        | 502      | 1      | 552                | 127     |
| HNV 210046 | CASINO KARIEN         | JSE | 335        | 335      | 1      | 429                | 127     |
| HNV 210080 | HIDALGO PATTON        | JSE | -          | -        | -      | 426                | 124     |
| HNV160006  | MARKSMAN NUSKE        | JSE | 329        | 370      | 6      | 424                | 122     |
| HNV220063  | COLGATE LIPSTIK       | JSE | -          | -        | -      | 417                | 122     |
| HNV210066  | CASINO WALTA          | JSE | 322        | 322      | 1      | 407                | 105     |
| HNV220059  | COLGATE PASELI        | JSE | -          | -        | -      | 407                | 105     |
| HNV 150119 | LEONEL BLONDY         | JSE | 415        | 394      | 6      | 407                | 105     |
| HNV 190109 | CHROME SHIVAS         | JSE | 484        | 424      | 2      | 399                | 97      |
| HNV220029  | COLGATE FREEDOM       | JSE | -          | -        | -      | 396                | 94      |
| HNV210028  | RUGER ROXCI           | JSE | 341        | 341      | 1      | 399                | 93      |
| HNV210035  | GRANT MAKRI           | JSE | 386        | 386      | 1      | 390                | 88      |
| HNV180134  | GRANT MONA            | JSE | 343        | 417      | 3      | 388                | 86      |
| HNV170008  | DIMENSION DULCI       | JSE | 344        | 374      | 5      | 383                | 81      |
| HNV180051  | GRANT NOBBY           | JSE | 457        | 362      | 4      | 375                | 81      |
| HNV 160102 | LEMONHEAD KARIEN      | JSE | 569        | 406      | 5      | 381                | 79      |
| HNV 190097 | CHROME RENE           | JSE | 345        | 465      | 2      | 381                | 79      |
| HNV 170058 | LEMONHEAD PASELA      | JSE | 340        | 354      | 5      | 381                | 79      |
| HNV 180080 | LEMONHEAD HILDE       | JSE | 324        | 350      | 3      | 380                | 78      |
| HNV220067  | TAGGERES DANALI       | JSE | -          | -        | -      | 380                | 78      |
| HNV210120  | COLGATE LETSY         | JSE | -          | -        | -      | 380                | 78      |
| HNV190164  | CHROME HASSE          | JSE | 345        | 383      | 2      | 376                | 74      |
| HNV190075  | GRANT BELLY           | JSE | 335        | 341      | 3      | 374                | 72      |
| HNV220016  | COLGATE BEE           | JSE | -          | -        | -      | 371                | 70      |
| HNV 210157 | ANDERS GAFNY          | JSE | -          | -        | -      | 371                | 70      |
| HNV 180151 | XF 1 DENTINE MAKOUJSE | 328 | 362        | 3        | 371    | 69                 |         |
| HNV220069  | ANDERS LIRATA         | JSE | -          | -        | -      | 370                | 69      |
| HNV190110  | MEGAPOWER NEWALI      | JSE | 336        | 327      | 3      | 368                | 67      |
| HNV 200067 | CASINO POMONA         | JSE | 335        | 332      | 2      | 367                | 66      |
| HNV 160081 | LEONEL MOVE           | JSE | 360        | 415      | 5      | 367                | 66      |
| HNV 190106 | GRANT PALOMA          | JSE | 353        | 334      | 3      | 367                | 66      |

**Tabel 12:** Opgedroogde Koeie met 'n Droë Periode van meer as 55 Dae

| <b>Koei ID</b> | <b>Naam</b>     | <b>Ras</b> | <b>Laaste TKP</b> | <b>Gem. TKP</b> | <b>N TKPs</b> | <b>Dae na<br/>Laaste Kalf</b> | <b>Dae<br/>Oop</b> |
|----------------|-----------------|------------|-------------------|-----------------|---------------|-------------------------------|--------------------|
| HNV 190116     | CHROME PATRYS   | JSE        | 321               | 326             | 3             | 367                           | 66                 |
| HNV220061      | TAGGERES CHERTY | JSE        | -                 | -               | -             | 366                           | 64                 |
| HNV220068      | ANDERS ELORI    | JSE        | -                 | -               | -             | 365                           | 63                 |
| HNV190094      | GRANT LIPPER    | JSE        | 338               | 339             | 3             | 363                           | 61                 |
| HNV210060      | STARLORD LIER   | JSE        | 379               | 379             | 1             | 362                           | 60                 |
| HNV 190029     | LEMONHEAD STONI | JSE        | 332               | 360             | 3             | 362                           | 60                 |
| HNV 180135     | OLIVER JALIN    | JSE        | 357               | 428             | 3             | 362                           | 60                 |
| HNV 190055     | KINGSTON SHRING | JSE        | 372               | 354             | 3             | 362                           | 60                 |
| HNV180003      | OLIVER BLOMMI   | JSE        | 360               | 371             | 4             | 360                           | 58                 |
| HNV 200014     | BENELLI NOELSY  | JSE        | 359               | 374             | 2             | 355                           | 58                 |

**Tabel 13:** Koeie met 'n Tussen Kalf Periode (TKP) van > 400 dae

| Koei ID    | Naam             | Ras | Laaste TKP | Gem. TKP | N TKPs | Dae na<br>Laaste Kalf | Produksie |
|------------|------------------|-----|------------|----------|--------|-----------------------|-----------|
| HNV 210101 | CASINO SNOBE     | JSE | -          | -        | -      | 650                   | -         |
| HNV 180004 | KNIGHT LINDA     | JSE | 418        | 421      | 3      | 640                   | -         |
| HNV 170071 | DIMENSION MICKY  | JSE | 314        | 366      | 4      | 628                   | 24.2      |
| HNV180081  | LEONEL FLAVIA    | JSE | 344        | 375      | 3      | 626                   | -         |
| HNV 190033 | DISCO ROSSI      | JSE | 416        | 414      | 2      | 622                   | 29.4      |
| HNV180116  | KNOCKOUT SHIVAS  | JSE | 436        | 362      | 3      | 611                   | 18.5      |
| HNV 160170 | PLEX WINIKA      | JSE | 521        | 544      | 3      | 608                   | -         |
| HNV 160153 | LEONEL MAKOU     | JSE | 754        | 566      | 3      | 584                   | -         |
| HNV 210092 | CASINO CHEGO     | JSE | -          | -        | -      | 581                   | -         |
| HNV 160130 | DIMENSION PRISLA | JSE | 430        | 427      | 4      | 565                   | -         |
| HNV190079  | PFLEX KAREN      | JSE | 694        | 694      | 1      | 563                   | -         |
| HNV 170146 | KNIGHT LAZY      | JSE | 404        | 475      | 3      | 556                   | 25.9      |
| HNV200056  | CHROME HALEN     | JSE | 502        | 502      | 1      | 552                   | -         |
| HNV160110  | STRINGER PALTWO  | JSE | 375        | 369      | 5      | 552                   | -         |
| HNV200088  | DISCO TIKKA      | JSE | 435        | 435      | 1      | 543                   | 21.8      |
| HNV 210077 | CASINO ELDIKA    | JSE | -          | -        | -      | 539                   | -         |
| HNV 190138 | CHROME BENIA     | JSE | 378        | 365      | 2      | 539                   | 22.7      |
| HNV210097  | ENSIGN GRASSI    | JSE | -          | -        | -      | 521                   | -         |
| HNV 180096 | PFLEX LANLEY     | JSE | 356        | 406      | 3      | 510                   | -         |
| HNV 210033 | DISCO GILLE      | JSE | -          | -        | -      | 505                   | -         |
| HNV 200022 | BENELLI WINDY    | JSE | 541        | 541      | 1      | 503                   | -         |
| HNV 210152 | DAVE JELI        | JSE | -          | -        | -      | 491                   | 28.3      |
| HNV 160109 | STRINGER PALONE  | JSE | 717        | 478      | 4      | 488                   | -         |
| HNV160093  | LEMONHEAD CHERLI | JSE | 338        | 379      | 5      | 486                   | -         |
| HNV 210142 | COLGATE FLIRTA   | JSE | -          | -        | -      | 477                   | 27.9      |
| HNV 190160 | KINGSTON MAKIRI  | JSE | 327        | 381      | 2      | 473                   | -         |
| HNV170075  | LEMONHEAD AMORET | JSE | 650        | 549      | 3      | 472                   | -         |
| HNV210153  | DAVE FUZZA       | JSE | -          | -        | -      | 469                   | -         |
| HNV 180110 | KNOCKOUT HANKA   | JSE | 418        | 394      | 3      | 467                   | -         |
| HNV160009  | STRINGER ELDIRA  | JSE | 405        | 362      | 6      | 456                   | -         |
| HNV 210160 | COLGATE ARLEXA   | JSE | -          | -        | -      | 456                   | 23        |
| HNV220014  | COLGATE MAKRI    | JSE | -          | -        | -      | 453                   | 28.2      |
| HNV220001  | COLGATE GLENIS   | JSE | -          | -        | -      | 452                   | 23.1      |
| HNV220006  | COLGATE BELINA   | JSE | -          | -        | -      | 452                   | 22.1      |
| HNV210025  | CHROME MAKI      | JSE | -          | -        | -      | 448                   | 31.8      |
| HNV220009  | MEGAPOWER STAR   | JSE | -          | -        | -      | 447                   | 26.1      |
| HNV 170057 | MALACHI TINKIE   | JSE | 394        | 431      | 4      | 447                   | -         |
| HNV 180092 | LEMONHEAD ELAINE | JSE | 678        | 652      | 2      | 446                   | -         |
| HNV210047  | KINGSTON HANRIA  | JSE | 328        | 328      | 1      | 441                   | 32.3      |
| HNV210090  | HIDALGO ANALI    | JSE | -          | -        | -      | 440                   | 16.7      |
| HNV 220008 | ORIOLE HAZLET    | JSE | -          | -        | -      | 438                   | 31.3      |
| HNV 160045 | LEONEL DONUT     | JSE | 501        | 424      | 5      | 438                   | -         |
| HNV 150061 | TAD BEKARI       | JSE | 336        | 337      | 7      | 438                   | -         |
| HNV220033  | ANDERS BELDA     | JSE | -          | -        | -      | 437                   | -         |
| HNV190024  | PHAROAH TRINKI   | JSE | 322        | 340      | 3      | 435                   | 29.7      |
| HNV 190026 | PFLEX BENATY     | JSE | 322        | 358      | 3      | 434                   | -         |
| HNV 180060 | PHAROAH STARLI   | JSE | 348        | 343      | 4      | 430                   | -         |
| HNV190023  | PHAROAH JORNA    | JSE | 511        | 442      | 2      | 429                   | 24.3      |
| HNV 210046 | CASINO KARIEN    | JSE | 335        | 335      | 1      | 429                   | -         |
| HNV 210080 | HIDALGO PATTON   | JSE | -          | -        | -      | 426                   | -         |
| HNV220031  | CASINO BIENA     | JSE | -          | -        | -      | 425                   | 29        |
| HNV160006  | MARKSMAN NUSKE   | JSE | 329        | 370      | 6      | 424                   | -         |
| HNV210038  | RUGER CAROL      | JSE | 345        | 345      | 1      | 421                   | 27        |
| HNV220063  | COLGATE LIPSTIK  | JSE | -          | -        | -      | 417                   | -         |
| HNV210066  | CASINO WALTA     | JSE | 322        | 322      | 1      | 407                   | -         |
| HNV 150119 | LEONEL BLONDY    | JSE | 415        | 394      | 6      | 407                   | -         |
| HNV220059  | COLGATE PASELI   | JSE | -          | -        | -      | 407                   | -         |
| HNV180153  | GRANT TOKKI      | JSE | 363        | 345      | 3      | 405                   | 29.3      |

**Tabel 14:** Gespoelde of Embrio Koeie met 'n Tussen Kalf Periode (TKP) van > 400 dae

| Koei ID | Naam | Ras | Laaste TKP | Gem. TKP | N TKPs | Dae na<br>Laaste Kalf | Produksie |
|---------|------|-----|------------|----------|--------|-----------------------|-----------|
|---------|------|-----|------------|----------|--------|-----------------------|-----------|