

# Angus

## Genetiese Evaluasie

SA Stamboek

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Kudde nommer: 577946

DR. M.A. DU TOIT  
BLAAUWBANK  
POSBUS 92  
KOFFIEFONTEIN  
9986



# EBVs, EBVi's, Sub-waardes en Seleksie Waardes



## Logix Koei Waarde

*Selekteer vir koeie wat:*

- vrugbaar is
- swaar kalwers speen
- maklik kalf en
- met lae onderhoud



## Logix Groei Waarde

*Selekteer vir doeltreffende groei op veld en in voerkraal*



## Logix Produksie Waarde

*80% Logix Koei Waarde +  
20% Logix Groei Waarde*



## Logix Genomika

- Identifikasie
- Ouerskap
- Genomiese Teelwaardes
- Enkel geen toetsing

**EBVi (EBVindeks)** is die teelwaarde indeks en is makliker om te interpreteer as 'n teelwaarde, veral vir kommersiële boere wat stoet bulle wil koop. Die basis van 'n teelwaarde indeks is 100, wat die gemiddelde teelwaarde van die lewendige diere in die ras aandui en 50% van die diere in die ras het waardes tussen 90 en 110. Waardes bo 100 is altyd in die meer gewenste rigting, hoewel vir sommige eienskappe, bv geboorte gewig, is gemiddeld meer gewens.

**EBV: (Estimated Breeding Value)** is die teelwaarde en dui die genetiese potensiaal van die dier vir 'n spesifieke eienskap aan. Dit word aangedui in die eenheid van meting en relatief tot die gemiddeld van die diere wat in die basis jaar gebore is (1990 vir meeste rasse en eienskappe).

### Ingevoerde semen:

1. Buitelandse bulle: Indien die akkuraatheid van die plaaslike teelwaardes van buitelandse bulle <70% is, word hulle teelwaardes op dieselfde plaaslike persentiel waarde geplaas as die persentiel waarde wat hulle in die land van herkoms is. Indien die SA akkuraatheid byvoorbeeld 30% is, dan word die SA EBV *proporsioneel aangepas* met 70% van die oorsese EBV volgens die persentiel tabel. Indien die SA akkuraatheid > 70%, dan is EBVs net gebaseer op SA data. (70% is min of meer gelyk aan die ekwivalent van 30 gemete kalwers vir 'n direkte eienskap soos speen- en 12maande gewig, of ongeveer 10 kalwers gespeen deur dogters van 'n ingevoerde bul vir melk).

2. Kalwers van buitelandse bulle: Proporsionele aanpassing van EBVs van plaaslike kalwers van buitelandse bulle word gedoen indien die Suid-Afrikaanse

akkuraatheid tussen 45% en 60% is. Indien die SA akkuraatheid van kalwers <45% is, word 'n mid-ouerwaarde toegeken en indien dit > 60% is, word die dier se teelwaarde bepaal deur Suid-Afrikaanse data.

**Sub-waardes** kombineer soortgelyke teelwaardes op 'n wetenskaplike manier om die seleksie van diere nog makliker te maak. So word VV (Versvrugbaarheid), KV (Koeivrugbaarheid) en Lanklewendheid wetenskaplik gekombineer om die subwaarde Vrugbaarheid te vorm, deur die oorerfbaarheid en ekonomiese belang van die eienskappe in ag te neem. Die subwaardes word ook in indeks formaat aangedui, so 'n dier met byvoorbeeld 'n subwaarde van 110 vir Vrugbaarheid, sal geneties bogemiddeld wees ten opsigte van lewendige diere in die ras vir vrugbaarheid.

**Seleksie Waardes (Koei Waarde en Groei Waarde)** is die kombinasie van die subwaardes in 'n enkele waarde. Dit gee 'n vinnige en maklike indikasie van die gekombineerde genetiese waarde van die dier ten opsigte van sy ras. Daar word egter aanbeveel dat daar ook na die subwaardes gekyk word in die geval van die koeiwaarde, aangesien diere wel verskillende swak en sterk punte het.

# LOGIX

## KW: Koei Waarde

(Kombinasie van EBVs gebaseer op metings van koeie en kalwers op die plaas)

| Seleksie waardes                        | Kalwingsgemak                                                                     | Kalfgroei                                              | Melk                                                        | Onderhoud                                                 | Vrugbaarheid                                                |                 |                 |                 |
|-----------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|-----------------|-----------------|-----------------|
|                                         | <b>Geboorte gewig:</b> Kalf se genetiese vermoë vir gewig (grootte) by geboorte   | <b>Speen gewig:</b> Kalf se genetiese vermoë vir groei | <b>Melk (Speen mat):</b> Melk en Moeder-eienskappe van koei | <b>Volwasse gewig:</b> Groter koeie het 'n hoër onderhoud | <b>Vers vrugb.:</b> Ouderdom1e kalf                         |                 |                 |                 |
|                                         | <b>Geboorte mat:</b> Koei se genetiese vermoë om kalf se geboorte gewig te beperk |                                                        |                                                             | <b>0.1 x Melk:</b> Meer melk verhoog onderhoud van koei   | <b>Koei vrugb:</b> Tussenkalfperiode (TKP)                  |                 |                 |                 |
| <b>&gt;120</b> (Groen)                  | -                                                                                 | Swaarder speenkalf                                     | Meer melk                                                   | Laer onderhoud (kleiner koei)                             | <b>Lanklewendheid:</b> Lengte wat familie in ras behoue bly |                 |                 |                 |
| <b>80 – 120</b> (Grys)                  | Gemiddelde kalwing                                                                | Gemiddelde speenkalf                                   | Gemiddelde melk                                             | Gemiddelde onderhoud (gemiddelde koeigrootte)             | Vrugbaarder verse / koeie / meer nageslag bly behoue        |                 |                 |                 |
| <b>&lt;80</b> (Rooi)                    | Swaar geboorte gewig (Moeiliker kalwing)                                          | Ligter speenkalf                                       | Minder melk                                                 | Hoër onderhoud (Groter koei)                              | Gemiddelde vrugbaarheid                                     |                 |                 |                 |
| Laer vrugbaar en/of laer lanklewendheid |                                                                                   |                                                        |                                                             |                                                           |                                                             |                 |                 |                 |
| Teelwaardes (EBV)                       | Geboorte gewig                                                                    | Geboorte Maternaal                                     | Speengewig                                                  | Melk                                                      | Volwasse gewig                                              | Lank-lewendheid | Vers-vrugbaarh. | Koei-vrugbaarh. |
| Hoë EBV                                 | Swaarder gewig                                                                    | Swaarder gewig                                         | Swaarder gewig                                              | Meer melk                                                 | Swaarder gewig                                              | Langer lewe     | Later kalwing   | Langer TKP      |
| Laer EBV                                | Ligter gewig                                                                      | Ligter gewig                                           | Ligter gewig                                                | Minder melk                                               | Ligter gewig                                                | Jonk uitgeskot  | Vroëer kalwing  | Korter TKP      |
| Optimum EBV                             | Intermediêr laer                                                                  | Intermediêr laer                                       | Hoër                                                        | Hoër                                                      | Hoër Intermediêr                                            | Hoër            | Laer            | Laer            |
| Optimum EBVindeks*                      | Hoër Intermediêr                                                                  | Hoër Intermediêr                                       | Hoër                                                        | Hoër                                                      | Hoër Intermediêr                                            | Hoër            | Hoër            | Hoër            |

\*EBVindeks bo 100 is altyd in die meer gewenste rigting en beter as rasgemiddeld (100)

## GW: Groei Waarde

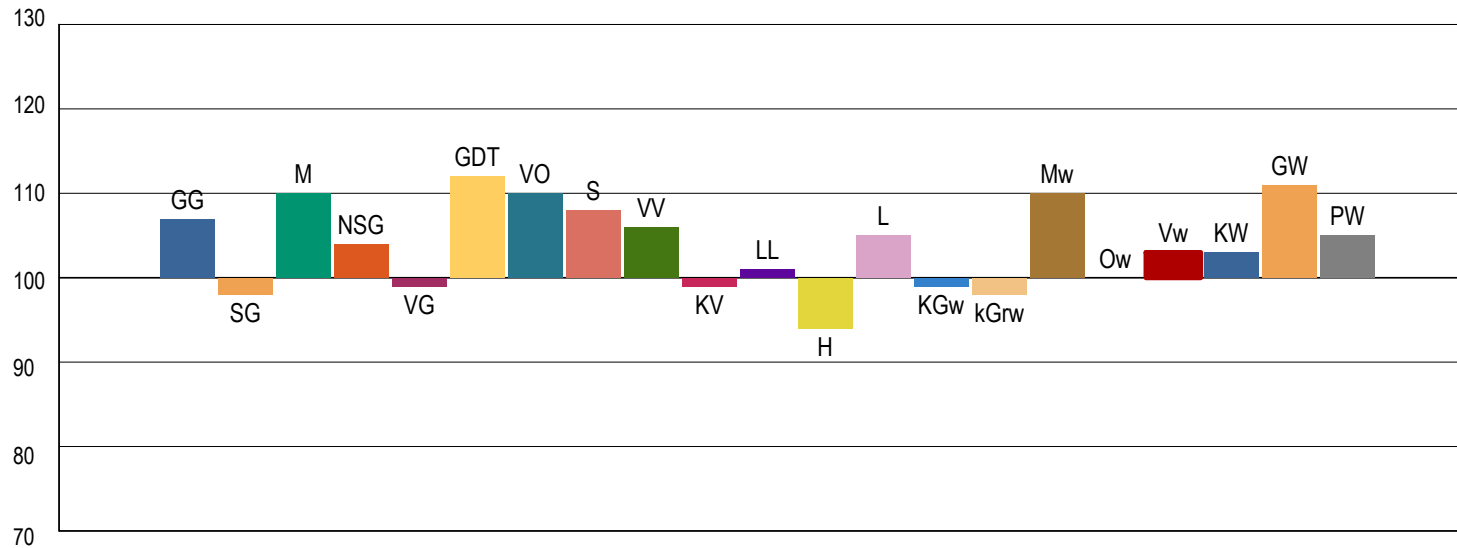
(Kombinasie van EBVs gebaseer op bulle gemeet in groei toetse)

|                   | GDT                          | Kleiber                                                     | Voeromset                                | Skrotum omtrek   | Hoogte                       | Lengte             | Karkas eienskappe                                      |
|-------------------|------------------------------|-------------------------------------------------------------|------------------------------------------|------------------|------------------------------|--------------------|--------------------------------------------------------|
| Beskrywing        | Gemiddelde Daaglikse Toename | Groei doeltreffendheid: (GDT / toetsgewig <sup>0.75</sup> ) | Kg gevreet per kg gegroei (Inname / GDT) | Bul vrugbaarheid | Skouer hoogte of Heup hoogte | Ligaamslengte      | Uitslag%; Rooivleisproduksie Marmering (vleissagtheid) |
| Hoër EBV          | Meer groei                   | Meer doeltreffend                                           | Swakker                                  | Groter skrotum   | Hoër dier                    | Langer dier        | Meer                                                   |
| Laer EBV          | Minder groei                 | Minder doeltreffend                                         | Beter                                    | Kleiner skrotum  | Laer dier                    | Korter dier        | Minder                                                 |
| Optimum EBV       | Hoër                         | Hoër                                                        | Laer                                     | Hoër             | Intermediêr                  | Intermediêr / hoër | Hoër                                                   |
| Optimum EBVindeks | Hoër                         | Hoër                                                        | Hoër                                     | Hoër             | Intermediêr                  | Intermediêr / hoër | Hoër                                                   |

**PW: Produksie Waarde is 'n kombinasie van KW en GW**

## Kudde en Ras Gemiddeldes

Aantal:



### Teelwaarde (EBV) en Teelwaarde Indeks (EBVI):

|     |                              |
|-----|------------------------------|
| GG  | Geboorte gewig               |
| SG  | Speengewig                   |
| M   | Melk                         |
| NSG | NaSpeen gewig                |
| VG  | Volwasse gewig               |
| GDT | Gemiddelde Daaglikse Toename |
| VO  | Voeromset                    |
| S   | Skrotumomvang                |
| VV  | Versvrugbaarheid             |
| KV  | Koeivrugbaarheid             |
| LL  | Lanklewendheid               |
| H   | Raampunt                     |
| L   | Lengte                       |

### Seleksie waardes:

|     |                     |
|-----|---------------------|
| KGw | Kalngemak Waarde    |
| kGw | Kalngroei Waarde    |
| Mw  | Melk Waarde         |
| Ow  | Onderhoud Waarde    |
| Vw  | Vrugbaarheid Waarde |
| KW  | Koei Waarde         |
| GW  | Groei Waarde        |
| PW  | Produksie Waarde    |

|                 | Eienskap        | EBV Kudde | EBV Indeks | EBV Ras |
|-----------------|-----------------|-----------|------------|---------|
| Voorspeen groei | Geboorte gewig  | 0.91      | 107        | 1.52    |
|                 | Speen gewig     | 26.1      | 98         | 27.0    |
|                 | Geboorte Mat.   | 0.61      | 94         | 0.37    |
|                 | Melk(Sp.Mat.)   | 8.5       | 110        | 5.8     |
| Naspeen groei   | NaSpeen gewig   | 54.5      | 104        | 51.0    |
|                 | Volwasse gewig  | 36        | 99         | 38      |
|                 | GDT             | 259       | 112        | 207     |
|                 | Voeromset       | -102      | 110        | -81     |
| Vrugbaarheid    | Skrotum         | 25.6      | 108        | 21.8    |
|                 | Vers vrugbaarh. | -5.7      | 106        | -1.2    |
|                 | Koei vrugbaarh. | -2.4      | 99         | -2.5    |
|                 | LankLewendh.    | 23.5      | 101        | 22.8    |
| Raam            | Raampunt        | 0         | 94         | 0       |
|                 | Lengte          | 49        | 105        | 44      |
| Karkas          | Uitslag%        | 0.77      | 108        | 0.60    |
|                 | RoovleisProd    | 8.8       | 111        | 6.0     |
|                 | Marmering       | 0.42      | 102        | 0.27    |

| Seleksie Waarde  | Gem. Kudde |
|------------------|------------|
| Kalf Gemak       | 99         |
| Kalf Groei       | 98         |
| Melk             | 110        |
| Onderhoud        | 100        |
| Vrugbaarheid     | 103        |
| Koei waarde      | 103        |
| Groei waarde     | 111        |
| Produksie Waarde | 105        |

- Gemiddeld van lewendige diere in die hele ras: 100
- Bokant 100: meer gewenste rigting.
- Onder 100: minder gewenste rigting

### Wat beteken 'n Seleksie Waarde bo ras-gemiddeld (100)?

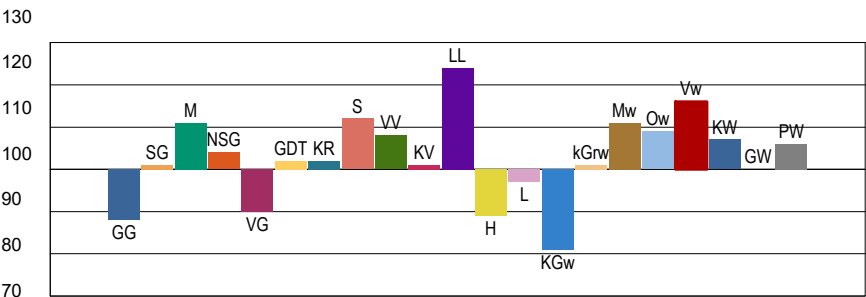
- Kalngemak:** Kleiner kalf by geboorte - makliker kalwing
- Kalngroei:** Swaarder kalf by speen a.g.v. groeikragtigheid van die kalf self
- Melk:** Koeie met meer melk en beter moeder eienskappe
- Onderhoud:** Diere met laer behoeftes vir onderhoud (laer volwasse gewig)
- Vrugbaarheid:** Koeie / dogters wat vroeër en/of meer gereeld kalf.

# Genetiese Vensters

## Bulle op Plaas

Bulle gebore in 2021 en vroeër

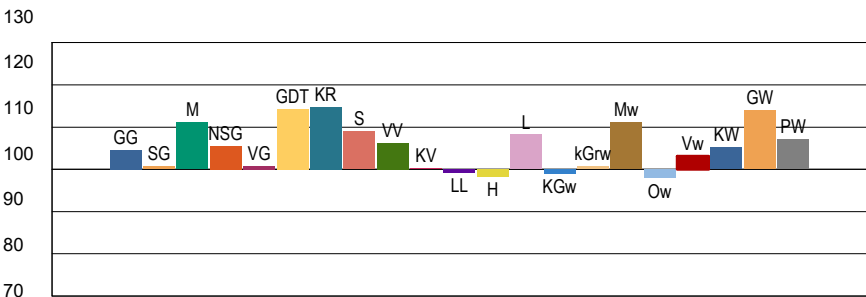
Aantal: 1



## Koei Kudde

Koeie gebore in 2022 en vroeër

Aantal: 9



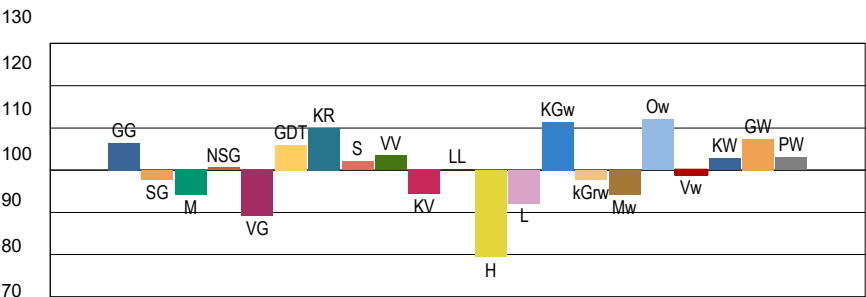
## Afkortings

|      |                       |
|------|-----------------------|
| GG   | Geboorte gewig        |
| SG   | Speengewig            |
| M    | Melk                  |
| NSG  | NaSpeengewig          |
| VG   | Volwasse gewig        |
| GDT  | Gem.Daaglikse Toename |
| KR   | Kleiber               |
| S    | Skrotum               |
| VV   | Vers Vrugbaarheid     |
| KV   | Koei Vrugbaarheid     |
| LL   | Lanklewendheid        |
| H    | Raampunt              |
| L    | Lengte                |
| KGw  | Kalf Gemak Waarde     |
| kGrw | Kalf Groei Waarde     |
| Mw   | Melk Waarde           |
| Ow   | Onderhoudswaarde      |
| Vw   | Vrugbaarh. Waarde     |
| KW   | Koei Waarde           |
| GW   | Groei Waarde          |
| PW   | Produksie Waarde      |

## Vaders van jong diere

Vaders van diere 3 jaar en jonger

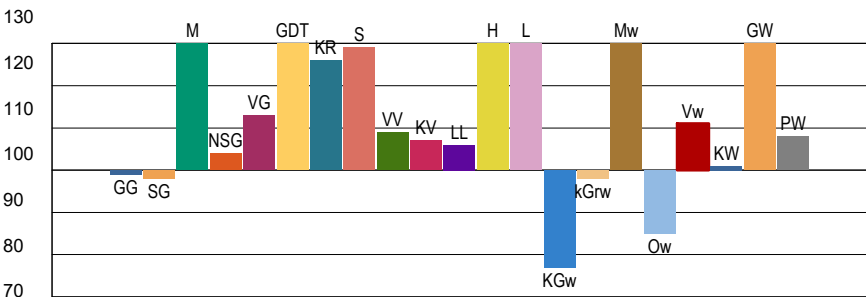
Aantal: 5



## Koeie ouer as 6 jaar

Koeie gebore in 2018 en vroeër

Aantal: 1



## Bulkalwers

Bulkalwers gebore in

Aantal:



## Verskalwers

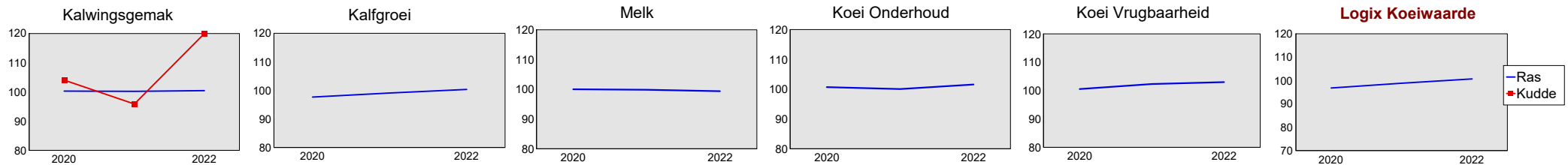
Verske gebore in

Aantal:



# Genetiese Tendense vir Plaastoets Eienskappe

Die grafieke dui genetiese vordering van die kudde in vergelyking met die ras aan. Slegs diere wat gemeet is se data word ingesluit.



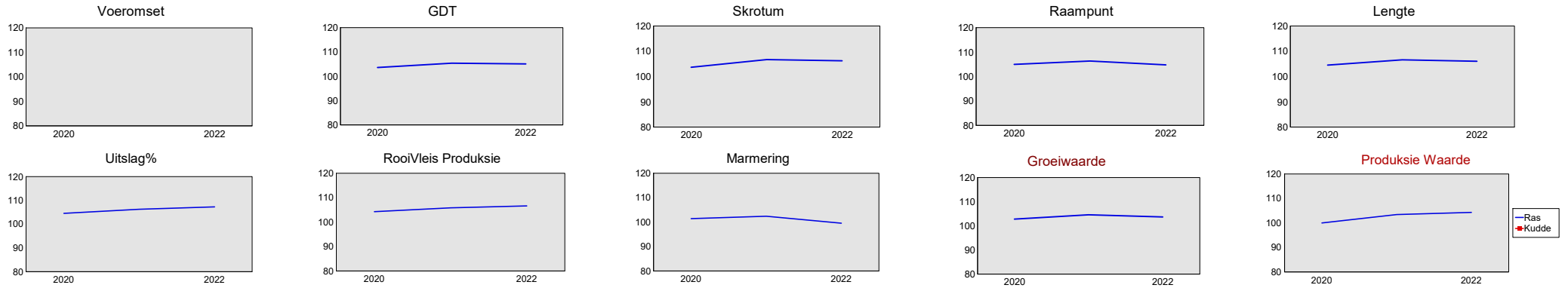
## Kudde

| Gebrte<br>Jaar | Kalwingsgemak  |       |                |        | Kalfgroei   |                |        | Melk           |      |        | Koei Onderhoud |        |     |                |        |     | Koei Vrugaarheid |     |             |     |              |  | Koei<br>Waarde |                 |
|----------------|----------------|-------|----------------|--------|-------------|----------------|--------|----------------|------|--------|----------------|--------|-----|----------------|--------|-----|------------------|-----|-------------|-----|--------------|--|----------------|-----------------|
|                | Geboorte gewig |       |                |        | Speen gewig |                |        | Melk (Sp.Mat.) |      |        | 12m gewig      |        |     | Volwasse gewig |        |     | Vers Vrugb.      |     | Koei Vrugb. |     | Lanklewendh. |  |                | Vrug-<br>baarh. |
|                | Dir            | Mat   | Kalf-<br>gemak | Aantal | EBV         | Kalf-<br>groei | Aantal | EBV            | Melk | Aantal | EBV            | Aantal | EBV | Onder-<br>houd | Aantal | EBV | Aantal           | EBV | Aantal      | EBV |              |  |                |                 |
|                | EBV            | EBV   |                |        |             |                |        |                |      |        |                |        |     |                |        |     |                  |     |             |     |              |  |                |                 |
| 2020           | 2              | 0.88  | 0.50           | 104    |             |                |        |                |      |        |                |        |     |                |        |     |                  |     |             |     |              |  |                |                 |
| 2021           | 8              | 1.95  | 0.45           | 96     |             |                |        |                |      |        |                |        |     |                |        |     |                  |     |             |     |              |  |                |                 |
| 2022           | 1              | -2.52 | -0.64          | 121    |             |                |        |                |      |        |                |        |     |                |        |     |                  |     |             |     |              |  |                |                 |

## Ras

| Gebrte<br>Jaar | Kalwingsgemak  |            |            |                | Kalfgroei   |      |                | Melk           |      |      | Koei Onderhoud |      |                |     |                | Koei Vrugbaarheid |      |             |      |              |      |                 |     | Koei<br>Waarde |
|----------------|----------------|------------|------------|----------------|-------------|------|----------------|----------------|------|------|----------------|------|----------------|-----|----------------|-------------------|------|-------------|------|--------------|------|-----------------|-----|----------------|
|                | Geboorte gewig |            |            |                | Speen gewig |      |                | Melk (Sp.Mat.) |      |      | 12m gewig      |      | Volwasse gewig |     |                | Vers Vrugb.       |      | Koei Vrugb. |      | Lanklewendh. |      | Vrug-<br>baarh. |     |                |
|                | Aantal         | Dir<br>EBV | Mat<br>EBV | Kalf-<br>gemak | Aantal      | EBV  | Kalf-<br>groei | Aantal         | EBV  | Melk | Aantal         | EBV  | Aantal         | EBV | Onder-<br>houd | Aantal            | EBV  | Aantal      | EBV  | Aantal       | EBV  |                 |     |                |
| 2015           | 6591           | 1.35       | 0.36       | 102            | 4645        | 23.4 | 93             | 4645           | 4.85 | 97   | 1819           | 39.3 | 635            | 33  | 102            | 1332              | -1.6 | 1055        | -2.1 | 6750         | 15.8 | 97              | 90  |                |
| 2016           | 6110           | 1.44       | 0.38       | 101            | 4059        | 23.7 | 94             | 4059           | 5.06 | 97   | 1541           | 39.8 | 539            | 34  | 101            | 1011              | -0.3 | 748         | -2.2 | 6379         | 16.3 | 97              | 91  |                |
| 2017           | 6170           | 1.43       | 0.40       | 100            | 4082        | 24.1 | 94             | 4082           | 5.29 | 98   | 1576           | 40.2 | 632            | 35  | 101            | 1073              | -1.6 | 870         | -2.3 | 6322         | 16.2 | 99              | 93  |                |
| 2018           | 6109           | 1.44       | 0.36       | 101            | 4255        | 24.9 | 96             | 4255           | 5.06 | 97   | 1525           | 41.0 | 617            | 35  | 101            | 1043              | -1.9 | 843         | -2.3 | 6190         | 17.4 | 100             | 94  |                |
| 2019           | 5839           | 1.45       | 0.35       | 101            | 4094        | 25.6 | 97             | 4094           | 5.43 | 99   | 1522           | 42.1 | 749            | 37  | 101            | 1119              | -1.6 | 845         | -2.5 | 5541         | 17.9 | 100             | 96  |                |
| 2020           | 5706           | 1.45       | 0.39       | 100            | 4114        | 25.8 | 98             | 4114           | 5.78 | 100  | 1528           | 42.9 | 682            | 37  | 101            | 1108              | -1.6 | 488         | -2.3 | 3574         | 17.9 | 101             | 97  |                |
| 2021           | 5948           | 1.47       | 0.39       | 100            | 4389        | 26.5 | 99             | 4389           | 5.73 | 100  | 1661           | 44.5 | 229            | 37  | 100            | 723               | -1.9 | 93          | -2.7 |              |      | 102             | 99  |                |
| 2022           | 5859           | 1.55       | 0.34       | 100            | 4354        | 27.1 | 100            | 4354           | 5.60 | 99   | 1697           | 44.2 | 1              | 30  | 102            | 181               | -1.4 |             |      |              |      | 103             | 101 |                |
| 2023           | 6207           | 1.48       | 0.39       | 100            | 4185        | 27.2 | 101            | 4185           | 5.90 | 100  | 749            | 48.1 |                |     | 97             |                   |      |             |      |              |      |                 | 102 |                |
| 2024           | 3912           | 1.53       | 0.34       | 100            | 137         | 29.5 | 105            | 137            | 7.70 | 107  |                |      |                |     |                |                   |      |             |      |              |      |                 | 108 |                |

# Genetiese Tendense vir Groeitoets Eienskappe



## Kudde

| Gebrte<br>Jaar | Groei     |     |      |        |     |      |         |     |      | Raam     |     |      |        |     |      | Karkas eienskappe |          |      |             |      |           | Seleksie Waardes |                 |                |
|----------------|-----------|-----|------|--------|-----|------|---------|-----|------|----------|-----|------|--------|-----|------|-------------------|----------|------|-------------|------|-----------|------------------|-----------------|----------------|
|                | Voeromset |     |      | GDT    |     |      | Skrotum |     |      | Raampunt |     |      | Lengte |     |      |                   | Uitslag% |      | RVleisProd. |      | Marmering |                  | Groei<br>waarde | Prod<br>Waarde |
|                | Aantal    | EBV | EBVi | Aantal | EBV | EBVi | Aantal  | EBV | EBVi | Aantal   | EBV | EBVi | Aantal | EBV | EBVi | Aantal            | EBV      | EBVi | EBV         | EBVi | EBV       | EBVi             |                 |                |
| 2020           |           |     |      |        |     |      |         |     |      |          |     |      |        |     |      |                   |          |      |             |      |           |                  |                 |                |
| 2021           |           |     |      |        |     |      |         |     |      |          |     |      |        |     |      |                   |          |      |             |      |           |                  |                 |                |
| 2022           |           |     |      |        |     |      |         |     |      |          |     |      |        |     |      |                   |          |      |             |      |           |                  |                 |                |
|                |           |     |      |        |     |      |         |     |      |          |     |      |        |     |      |                   |          |      |             |      |           |                  |                 |                |
|                |           |     |      |        |     |      |         |     |      |          |     |      |        |     |      |                   |          |      |             |      |           |                  |                 |                |

## Ras

| Gebrte<br>Jaar | Groei     |      |      |        |     |      |         |      |      | Raam     |     |      |        |     |      | Karkas eienskappe |          |      |             |      |           |      |                 | Seleksie Waardes |  |
|----------------|-----------|------|------|--------|-----|------|---------|------|------|----------|-----|------|--------|-----|------|-------------------|----------|------|-------------|------|-----------|------|-----------------|------------------|--|
|                | Voeromset |      |      | GDT    |     |      | Skrotum |      |      | Raampunt |     |      | Lengte |     |      |                   | Uitslag% |      | RVleisProd. |      | Marmering |      | Groei<br>waarde | Prod<br>Waarde   |  |
|                | Aantal    | EBV  | EBVi | Aantal | EBV | EBVi | Aantal  | EBV  | EBVi | Aantal   | EBV | EBVi | Aantal | EBV | EBVi | Aantal            | EBV      | EBVi | EBV         | EBVi | EBV       | EBVi |                 |                  |  |
| 2015           | 38        | -82  | 101  | 464    | 207 | 100  | 474     | 20.6 | 97   | 467      | 0   | 99   | 467    | 44  | 99   | 250               | 0.66     | 103  | 7.03        | 104  | 0.58      | 104  | 99              | 92               |  |
| 2016           | 56        | -79  | 99   | 600    | 211 | 101  | 606     | 21.3 | 99   | 600      | 0   | 102  | 600    | 46  | 102  | 357               | 0.65     | 103  | 6.62        | 102  | 0.36      | 101  | 101             | 94               |  |
| 2017           | 11        | -99  | 108  | 370    | 201 | 99   | 401     | 22.0 | 100  | 377      | 0   | 102  | 372    | 46  | 101  | 201               | 0.58     | 99   | 5.11        | 96   | 0.35      | 101  | 98              | 95               |  |
| 2018           | 18        | -80  | 99   | 401    | 207 | 100  | 406     | 21.7 | 100  | 402      | 0   | 102  | 402    | 47  | 103  | 158               | 0.59     | 99   | 5.94        | 100  | 0.23      | 100  | 99              | 97               |  |
| 2019           | 11        | -92  | 105  | 439    | 218 | 102  | 455     | 23.3 | 103  | 439      | 0   | 104  | 439    | 49  | 104  | 308               | 0.62     | 101  | 6.33        | 101  | 0.32      | 101  | 102             | 100              |  |
| 2020           | 8         | -107 | 112  | 566    | 224 | 104  | 486     | 23.6 | 104  | 562      | 0   | 105  | 562    | 49  | 105  | 445               | 0.69     | 105  | 7.06        | 104  | 0.38      | 101  | 103             | 100              |  |
| 2021           |           |      |      | 612    | 231 | 105  | 543     | 25.1 | 107  | 612      | 0   | 106  | 612    | 51  | 107  | 383               | 0.73     | 106  | 7.45        | 106  | 0.45      | 102  | 105             | 103              |  |
| 2022           | 7         | -106 | 112  | 552    | 230 | 105  | 509     | 24.8 | 106  | 552      | 0   | 105  | 552    | 50  | 106  | 391               | 0.75     | 107  | 7.64        | 107  | 0.23      | 100  | 104             | 104              |  |
| 2023           | 12        | -113 | 115  | 290    | 248 | 109  | 235     | 26.1 | 109  | 293      | 1   | 107  | 292    | 53  | 109  | 266               | 0.80     | 110  | 8.12        | 109  | 0.72      | 106  | 106             | 108              |  |
| 2024           |           |      |      |        |     |      |         |      |      |          |     |      |        |     |      |                   |          |      |             |      |           |      |                 |                  |  |

## Persentiel Tabel vir Bulle (gebaseer op lewendige diere)

|           | Kalfgewig      |             |      | Groeï en doeltreffendheid |                |     |         | Vrugbaarheid   |             |             | Raam        |           |        |
|-----------|----------------|-------------|------|---------------------------|----------------|-----|---------|----------------|-------------|-------------|-------------|-----------|--------|
| %         | Geboorte gewig | Speen gewig | Melk | NaSpeen gewig             | Volwasse gewig | GDT | Kleiber | Skrotum omtrek | Vers Vrugb. | Koei Vrugb. | Lank-Lewend | Raam punt | Lengte |
| Gemiddeld | 1.51           | 27.5        | 5.9  | 52.0                      | 39             | 216 | 113     | 22.9           | -0.2        | -2.2        | 22.6        | 0         | 46     |
| Boonste   | -5.65          | 54.4        | 19.8 | 114.1                     | 103            | 571 | 271     | 62.8           | -30.3       | -10.2       | 39.2        | 5         | 127    |
| 1         | -1.85          | 44.4        | 13.7 | 83.0                      | 75             | 381 | 203     | 39.7           | -20.5       | -7.0        | 33.9        | 3         | 81     |
| 2         | -1.37          | 42.2        | 12.7 | 79.2                      | 71             | 357 | 191     | 37.1           | -18.4       | -6.5        | 33.1        | 2         | 76     |
| 3         | -0.95          | 40.7        | 12.2 | 76.2                      | 67             | 338 | 182     | 35.2           | -16.8       | -6.2        | 32.5        | 2         | 73     |
| 4         | -0.71          | 39.5        | 11.7 | 74.6                      | 65             | 327 | 175     | 34.1           | -15.4       | -5.9        | 31.9        | 2         | 70     |
| 5         | -0.51          | 38.7        | 11.3 | 73.2                      | 63             | 316 | 170     | 33.3           | -14.5       | -5.7        | 31.5        | 2         | 69     |
| 6         | -0.38          | 38.1        | 11.0 | 71.8                      | 62             | 309 | 166     | 32.6           | -13.8       | -5.4        | 31.0        | 2         | 67     |
| 7         | -0.25          | 37.3        | 10.7 | 70.5                      | 61             | 304 | 163     | 32.0           | -13.1       | -5.3        | 30.7        | 2         | 66     |
| 8         | -0.15          | 36.9        | 10.6 | 69.4                      | 60             | 299 | 160     | 31.4           | -12.4       | -5.1        | 30.4        | 2         | 65     |
| 9         | -0.03          | 36.5        | 10.3 | 68.7                      | 59             | 294 | 156     | 31.0           | -11.9       | -5.0        | 30.0        | 1         | 64     |
| 10        | 0.04           | 36.0        | 10.2 | 67.7                      | 58             | 290 | 154     | 30.6           | -11.3       | -4.9        | 29.8        | 1         | 63     |
| 20        | 0.62           | 32.8        | 8.7  | 62.3                      | 51             | 261 | 138     | 27.7           | -7.5        | -3.9        | 27.9        | 1         | 56     |
| 30        | 0.97           | 30.8        | 7.6  | 58.3                      | 46             | 242 | 129     | 25.8           | -4.9        | -3.3        | 26.5        | 1         | 52     |
| 40        | 1.27           | 29.0        | 6.7  | 55.3                      | 43             | 227 | 120     | 24.2           | -2.7        | -2.8        | 25.3        | 0         | 48     |
| 50        | 1.53           | 27.4        | 5.9  | 52.0                      | 39             | 213 | 112     | 22.7           | -0.5        | -2.2        | 24.0        | 0         | 45     |
| 60        | 1.78           | 25.7        | 5.1  | 48.8                      | 35             | 199 | 104     | 21.2           | 1.6         | -1.8        | 22.7        | 0         | 42     |
| 70        | 2.07           | 23.9        | 4.2  | 45.2                      | 32             | 184 | 95      | 19.7           | 4.2         | -1.2        | 21.1        | 0         | 39     |
| 80        | 2.44           | 22.0        | 3.2  | 41.2                      | 28             | 166 | 85      | 17.8           | 7.2         | -0.5        | 19.2        | -1        | 36     |
| 90        | 3.01           | 19.0        | 1.6  | 36.2                      | 21             | 145 | 73      | 15.6           | 11.5        | 0.5         | 14.3        | -1        | 31     |
| 91        | 3.09           | 18.7        | 1.3  | 35.6                      | 20             | 142 | 72      | 15.3           | 12.1        | 0.6         | 12.9        | -1        | 31     |
| 92        | 3.17           | 18.2        | 1.1  | 35.0                      | 19             | 139 | 70      | 14.8           | 12.6        | 0.8         | 10.9        | -1        | 30     |
| 93        | 3.27           | 17.7        | 0.9  | 34.1                      | 18             | 136 | 69      | 14.5           | 13.4        | 0.9         | 6.9         | -1        | 29     |
| 94        | 3.39           | 17.1        | 0.7  | 33.3                      | 17             | 132 | 67      | 14.0           | 14.0        | 1.0         | 4.4         | -1        | 28     |
| 95        | 3.51           | 16.6        | 0.4  | 32.3                      | 16             | 127 | 65      | 13.3           | 15.0        | 1.3         | 3.4         | -2        | 27     |
| 96        | 3.66           | 15.9        | -0.1 | 31.1                      | 14             | 123 | 62      | 12.6           | 15.8        | 1.5         | 2.4         | -2        | 26     |
| 97        | 3.81           | 15.1        | -0.6 | 29.6                      | 12             | 117 | 59      | 11.9           | 17.1        | 1.9         | 1.7         | -2        | 24     |
| 98        | 4.10           | 14.1        | -1.3 | 27.7                      | 10             | 109 | 54      | 10.8           | 18.7        | 2.3         | 0.8         | -2        | 22     |
| 99        | 4.55           | 12.0        | -2.3 | 25.0                      | 6              | 95  | 48      | 8.7            | 20.8        | 2.8         | -0.2        | -2        | 18     |
| Onderste  | 7.47           | 2.4         | -8.6 | 2.5                       | -15            | -35 | -23     | -1.9           | 35.0        | 7.2         | -10.7       | -4        | -4     |

## Persentiel Tabel vir Koeie (gebaseer op lewendige diere)

|           | Kalfgewicht         |                  |       | Groeï en doeltreffendheid |                     |     |         | Vrugbaarheid      |                |                |                 | Raam         |        |
|-----------|---------------------|------------------|-------|---------------------------|---------------------|-----|---------|-------------------|----------------|----------------|-----------------|--------------|--------|
| %         | Geboorte<br>gewicht | Speen<br>gewicht | Melk  | NaSpeen<br>gewicht        | Volwasse<br>gewicht | GDT | Kleiber | Skrotum<br>omtrek | Vers<br>Vrugb. | Koei<br>Vrugb. | Lank-<br>Lewend | Raam<br>punt | Lengte |
| Gemiddeld | 1.52                | 26.8             | 5.7   | 50.6                      | 37                  | 204 | 108     | 21.4              | -1.6           | -2.6           | 22.9            | 0            | 44     |
| Boonste   | -4.81               | 53.0             | 22.4  | 108.3                     | 121                 | 539 | 259     | 49.8              | -50.7          | -14.5          | 39.7            | 5            | 128    |
| 1         | -1.87               | 42.3             | 15.0  | 79.2                      | 77                  | 353 | 190     | 35.9              | -26.2          | -11.2          | 34.8            | 2            | 76     |
| 2         | -1.34               | 40.4             | 13.7  | 75.7                      | 71                  | 329 | 178     | 33.9              | -22.9          | -9.8           | 33.5            | 2            | 71     |
| 3         | -1.03               | 39.1             | 13.0  | 73.7                      | 68                  | 316 | 170     | 32.7              | -21.5          | -9.0           | 32.7            | 2            | 69     |
| 4         | -0.82               | 38.2             | 12.4  | 71.9                      | 65                  | 307 | 165     | 31.9              | -20.0          | -8.3           | 32.1            | 2            | 67     |
| 5         | -0.60               | 37.4             | 12.0  | 70.5                      | 63                  | 299 | 161     | 31.2              | -18.8          | -7.6           | 31.6            | 2            | 65     |
| 6         | -0.44               | 36.8             | 11.6  | 69.3                      | 61                  | 292 | 158     | 30.7              | -17.8          | -7.1           | 31.2            | 2            | 64     |
| 7         | -0.29               | 36.3             | 11.3  | 68.4                      | 60                  | 287 | 155     | 30.2              | -17.0          | -6.8           | 30.9            | 1            | 63     |
| 8         | -0.17               | 35.8             | 11.0  | 67.5                      | 59                  | 283 | 152     | 29.7              | -16.2          | -6.5           | 30.5            | 1            | 62     |
| 9         | -0.08               | 35.4             | 10.7  | 66.7                      | 58                  | 279 | 150     | 29.3              | -15.5          | -6.3           | 30.1            | 1            | 61     |
| 10        | 0.02                | 35.0             | 10.5  | 65.9                      | 57                  | 275 | 148     | 28.9              | -14.8          | -6.1           | 29.9            | 1            | 60     |
| 20        | 0.63                | 32.1             | 8.8   | 60.5                      | 50                  | 249 | 133     | 26.5              | -10.0          | -4.7           | 27.7            | 1            | 54     |
| 30        | 1.01                | 30.2             | 7.6   | 56.9                      | 45                  | 232 | 123     | 24.6              | -6.7           | -3.8           | 26.1            | 0            | 50     |
| 40        | 1.32                | 28.5             | 6.7   | 53.6                      | 41                  | 216 | 114     | 23.0              | -4.0           | -3.1           | 24.9            | 0            | 47     |
| 50        | 1.59                | 26.9             | 5.8   | 50.7                      | 37                  | 203 | 107     | 21.5              | -1.5           | -2.5           | 23.6            | 0            | 44     |
| 60        | 1.85                | 25.3             | 4.9   | 47.6                      | 33                  | 189 | 99      | 20.0              | 0.9            | -1.9           | 22.4            | 0            | 40     |
| 70        | 2.14                | 23.5             | 3.9   | 44.5                      | 29                  | 175 | 91      | 18.4              | 3.5            | -1.2           | 21.0            | -1           | 37     |
| 80        | 2.47                | 21.4             | 2.7   | 40.5                      | 25                  | 157 | 82      | 16.4              | 6.8            | -0.4           | 19.2            | -1           | 33     |
| 90        | 2.93                | 18.3             | 0.9   | 35.1                      | 18                  | 133 | 69      | 13.6              | 11.6           | 0.7            | 16.0            | -1           | 28     |
| 91        | 3.00                | 17.8             | 0.7   | 34.3                      | 17                  | 130 | 68      | 13.2              | 12.3           | 0.8            | 15.3            | -1           | 27     |
| 92        | 3.08                | 17.3             | 0.4   | 33.4                      | 16                  | 126 | 66      | 12.8              | 13.0           | 1.0            | 14.6            | -1           | 26     |
| 93        | 3.17                | 16.9             | 0.1   | 32.5                      | 15                  | 122 | 64      | 12.3              | 13.7           | 1.2            | 13.6            | -1           | 25     |
| 94        | 3.27                | 16.3             | -0.2  | 31.8                      | 13                  | 117 | 62      | 11.8              | 14.6           | 1.4            | 12.1            | -2           | 24     |
| 95        | 3.39                | 15.7             | -0.6  | 30.6                      | 12                  | 112 | 59      | 11.0              | 15.5           | 1.6            | 9.9             | -2           | 23     |
| 96        | 3.52                | 15.1             | -1.0  | 29.3                      | 10                  | 106 | 56      | 10.1              | 16.7           | 1.9            | 6.1             | -2           | 21     |
| 97        | 3.69                | 14.2             | -1.6  | 27.5                      | 8                   | 99  | 52      | 9.2               | 18.2           | 2.3            | 3.4             | -2           | 20     |
| 98        | 3.90                | 13.0             | -2.2  | 25.2                      | 5                   | 89  | 47      | 7.9               | 20.3           | 2.8            | 1.9             | -2           | 17     |
| 99        | 4.27                | 10.9             | -3.5  | 21.6                      | 0                   | 74  | 38      | 5.7               | 23.7           | 3.6            | 0.0             | -2           | 14     |
| Onderste  | 7.47                | -1.8             | -12.9 | -2.5                      | -39                 | -44 | -30     | -5.2              | 46.5           | 10.5           | -8.7            | -4           | -17    |

Teelbulle (Vaders van Diere)

| Bul                              |       |                     | Seleksie Waardes (SW / Akk) |            |           |              |             |           |            | Kalf gewig |                | Moeder      |              | Groeï & doeltreffendheid |           |             |        | Vrugbaarheid |         |             |             | Raam        |           | Karkas |           |              | Gemete Nageslag |            |         |
|----------------------------------|-------|---------------------|-----------------------------|------------|-----------|--------------|-------------|-----------|------------|------------|----------------|-------------|--------------|--------------------------|-----------|-------------|--------|--------------|---------|-------------|-------------|-------------|-----------|--------|-----------|--------------|-----------------|------------|---------|
| ID Naam                          | Kleur | Pa ID<br>Ma ID      | Kalw. Gemak                 | Kalf Groei | Melk Wrde | Onderh. Wrde | Vrugb. Wrde | Koei Wrde | Groeï Wrde | Prod Wrde  | Geboorte gewig | Speen gewig | Melk Sp.Mat. | Komb Mat                 | 12m gewig | Volw. gewig | GDT    | Voer-omset   | Skrotum | Vers Vrugb. | Koei Vrugb. | Lank-Lewend | Raam Punt | Lengte | Uitslag % | RVleis Prod. | Marm            | Gbrte      | Speen   |
|                                  |       |                     | Rasgemiddeld:               |            |           |              |             |           |            | 1.52       | 27.0           | 5.8         | 12.8         | 43                       | 38        | 207         | -81    | 21.8         |         | -2.5        | 22.8        | 0           | 44        | 0.6    | 6.0       | 0.27         | Groeï toets     | Dogt/Kalw. |         |
|                                  |       |                     | <75                         | 75 - 125   | >125      |              |             |           |            |            |                |             |              |                          |           |             |        |              |         |             |             |             |           |        |           |              |                 |            |         |
| 0256 COLEMAN CHARLO 0256         | B     | 730P 6014AAA        | 127 89                      | 95 93      | 79 79     | 129 75       | 93 68       | 102 74    | 90 58      | 98 71      | -0.43 96       | 24.5 121    | -0.1 79      | 8.1 84                   | 44 84     | 8 101       | 169 79 | -71 91       | 16.5 82 | -5.4 75     | 0.0 43      | 18.9 86     | -5 85     | 19 30  | 0.7 78    | 5.2 106      | 2.63 75         | 89 13      | 67 41   |
| 4200 S A V NET WORTH 4200        | B     | 004 2410            | 110 99                      | 114 99     | 97 98     | 102 96       | 96 96       | 117 88    | 141 92     | 123 89     | 2.03 99        | 34.4 95     | 4.9 98       | 14.7 103                 | 58 97     | 35 118      | 357 97 | -146 134     | 27.7 98 | -4.2 112    | -1.5 92     | 19.4 99     | 1 98      | 51 119 | 0.9 96    | 11.8 116     | 0.07 95         | 645 129    | 456 656 |
| DE 180001 ULTIMATE               | B     | DE 150014 DE 150031 | 86 57                       | 99 46      | 103 45    | 92 31        | 97 38       | 92 39     | 104 34     | 93 38      | 2.48 64        | 26.5 90     | 6.7 45       | 13.3 102                 | 42 35     | 46 99       | 208 41 | -76 100      | 12.8 45 | 8.4 81      | -2.5 25     | 26.7 53     | 0 46      | 53 106 | 0.6 40    | 6.5 99       | 1.27 40         |            |         |
| JS02 SAC CONVERSATION            | B     | 8064 0252           | 110 81                      | 86 85      | 88 58     | 132 48       | 106 46      | 96 60     | 92 48      | 94 58      | 1.23 93        | 20.0 103    | 2.3 58       | 8.2 87                   | 32 56     | 4 86        | 166 67 | -80 91       | 28.2 68 | -4.6 113    | -0.1 18     | 33.2 65     | -3 76     | 19 62  | 0.4 64    | 2.3 90       | 0.90 60         | 70 9       | 37 12   |
| SOO403Y SOO LINE LOCOMOTIVE 1403 | B     | 9016 2039           | 124 86                      | 95 94      | 104 81    | 105 41       | 103 62      | 107 68    | 110 37     | 107 62     | -0.63 96       | 24.2 123    | 6.9 81       | 12.7 101                 | 49 76     | 30 107      | 270 49 | -107 114     | 28.9 56 | -13.8 115   | -2.7 31     | 15.9 80     | -2 57     | 42 80  | 0.8 46    | 8.4 107      | -0.46 37        | 123 2      | 100 14  |
| WB 140203 COMPLETE               | B     | 5R WB 080174        | 102 73                      | 83 75      | 120 61    | 82 56        | 100 56      | 85 59     | 156 51     | 99 57      | 0.24 80        | 18.2 114    | 11.6 61      | 13.8 108                 | 39 64     | 59 94       | 422 70 | -132 148     | 44.2 77 | -6.1 146    | -2.3 38     | 19.3 73     | 4 78      | 95 153 | 0.9 70    | 15.9 116     | -0.61 66        | 12 1       | 9 2     |

Bulle

Inteling in rooi is hoog

EBV Akk Indeks

Teelwaardes met 'n akkuraatheid < 5% word nie gedruk nie

| Bul          |                  |             | Seleksie Waardes (SW / Akk) |            |           |                  |             |           |            | Kalf gewig |              | Moeder      |              | Groeï & doeltreffendheid |           |             |        | Vrugbaarheid |         |             |             | Raam          |           | Karkas |        |              |         |      |      |
|--------------|------------------|-------------|-----------------------------|------------|-----------|------------------|-------------|-----------|------------|------------|--------------|-------------|--------------|--------------------------|-----------|-------------|--------|--------------|---------|-------------|-------------|---------------|-----------|--------|--------|--------------|---------|------|------|
| ID Dier naam | Kleur % Inteling | Pa ID Ma ID | Kalw. Gmak                  | Kalf Groei | Melk Wrde | Onderh. Wrde     | Vrugb. Wrde | Koei Wrde | Groeï Wrde | Prod. Wrde | Gebrte gewig | Speen gewig | Melk Sp.Mat. | Komb Mat.                | 12m gewig | Volw. gewig | GDT    | Voer-omset   | Skrotum | Vers Vrugb. | Koei Vrugb. | Lank-lewendh. | Raam Punt | Lengte | Uitsl% | RVleis Prod. | Marm    |      |      |
|              |                  |             | Rasgemiddeld:               |            |           |                  |             |           |            | 1.52       | 27.0         | 5.8         | 12.8         | 43.2                     | 38        | 207         | -81    | 21.8         | -1.2    | -2.5        | 22.8        | 0             | 44        | 0.6    | 6.0    | 0.3          |         |      |      |
|              |                  |             | <75                         | 75 - 125   | >125      | Ingekleurde EBVi |             |           |            |            |              |             | 90-110       | >100                     | >100      | >100        | >100   | 90-110       | >100    | >100        | >100        | >100          | >100      | >100   | 90-110 | 90-110       | >100    | >100 | >100 |
| TLD 210018   | S 1 JS02         |             | 81 59                       | 101 54     | 111 43    | 109 38           | 116 35      | 107 42    | 100 32     | 106 40     | 2.62 68      | 27.3 88     | 9.0 43       | 15.1 108                 | 43.8 38   | 26 101      | 216 44 | -92 102      | 27.7 46 | -7.1 112    | -2.8 41     | 35.2 101      | -1 49     | 42 89  | 0.6 44 | 6.3 44       | 1.04 41 |      |      |
| TLD 220002   | S 1 0256         |             | 121 60                      | 76 56      | 95 48     | 113 41           | 94 40       | 81 45     | 96 32      | 82 42      | -2.52 67     | 14.6 143    | 4.5 48       | 7.8 89                   | 32.9 48   | 22 87       | 196 43 | -85 97       | 18.1 45 | -2.4 102    | -0.6 24     | 20.7 52       | -3 47     | 29 61  | 0.7 42 | 5.8 42       | 0.82 40 |      |      |

Koeie

Inteling in rooi is hoog

EBV  
Akk Indeks

Teelwaardes met 'n akkuraatheid < 5% word nie gedruk nie

| Koei          |             |        |            | Seleksie Waardes (SW / Akk) |            |           |             |                  |           |            | Kalf gewig |              | Moeder      |              | Groei & doeltreffendheid |           |             |         | Vrugbaarheid |         |             |             | Raam          |           | Karkas |        |              |        |          |          |
|---------------|-------------|--------|------------|-----------------------------|------------|-----------|-------------|------------------|-----------|------------|------------|--------------|-------------|--------------|--------------------------|-----------|-------------|---------|--------------|---------|-------------|-------------|---------------|-----------|--------|--------|--------------|--------|----------|----------|
| ID            | Kleur       | Pa ID  | Ma ID      | Kalw. Gmak                  | Kalf Groei | Melk Wrde | Onderh Wrde | Koei Vrugb.      | Koei Wrde | Groei Wrde | Prod. Wrde | Gebrte gewig | Speen gewig | Melk Sp.Mat. | Komb Mat.                | 12m gewig | Volw. gewig | GDT     | Voer-omset   | Skrotum | Vers Vrugb. | Koei Vrugb. | Lank-lewendh. | Raam Punt | Lengte | Uitsl% | RVleis Prod. | Marm   |          |          |
| Rasgemiddeld: |             |        |            |                             |            |           |             |                  |           |            |            |              | 1.52        | 27.0         | 5.8                      | 12.8      | 43.2        | 38      | 207          | -81     | 21.8        | -1.2        | -2.5          | 22.8      | 0      | 44     | 0.6          | 6.0    | 0.3      |          |
|               |             |        |            |                             | <75        | 75 - 125  | >125        | Ingekleurde EBVi |           |            |            |              | 90-110      | >100         | >100                     | >100      | >100        | 90-110  | >100         | >100    | >100        | >100        | >100          | 90-110    | 90-110 | >100   | >100         | >100   |          |          |
| TLD 170001    | S 4 WB      | 140203 | WB 140195  | 77 58                       | 98 50      | 130 44    | 85 41       | 111 38           | 101 42    | 133 32     | 108 40     | 1.66 60      | 25.7 99 50  | 14.2 44      | 18.0 119                 | 48.1 42   | 53 41       | 344 113 | -119 45      | 118 131 | 35.7 49     | -7.9 41     | -3.8 24       | 25.8 48   | 3 50   | 80 135 | 49 136       | 0.9 45 | 13.1 129 | 0.08 43  |
| TLD 200001    | S 1 0256    |        | TLD 170001 | 112 59                      | 93 53      | 107 45    | 105 42      | 106 39           | 103 43    | 111 33     | 104 41     | 0.13 67      | 23.3 115 53 | 7.7 45       | 12.9 102                 | 44.0 47   | 30 42       | 257 94  | -96 45       | 107 111 | 26.1 48     | -6.6 43     | -1.9 24       | 26.6 50   | -1 49  | 49 82  | 48 105       | 0.8 45 | 9.2 113  | 1.36 43  |
| TLD 210008    | S 4 DE      | 180001 | DE 180018  | 108 42                      | 94 38      | 97 35     | 97 23       | 96 29            | 93 31     | 103 22     | 94 29      | 1.13 45      | 23.9 104 38 | 5.0 35       | 11.3 96                  | 40.8 29   | 41 23       | 215 103 | -87 27       | 103 102 | 16.2 30     | 4.5 30      | -1.9 17       | 24.5 40   | 0 30   | 46 99  | 29 101       | 0.6 25 | 6.5 102  | 0.14 23  |
| TLD 210016    | S 3 0256    |        | TLD 180001 | 95 59                       | 109 54     | 104 47    | 109 43      | 92 40            | 109 44    | 101 34     | 107 42     | 1.83 66      | 31.4 97 54  | 7.0 47       | 15.1 106                 | 53.0 47   | 26 43       | 219 90  | -91 45       | 103 20  | 22.8 48     | -0.3 44     | -1.4 25       | 18.3 51   | -2 49  | 38 70  | 48 94        | 0.8 44 | 7.7 109  | 1.98 43  |
| TLD 210017    | S 1 0256    |        | TLD 170001 | 100 59                      | 104 53     | 100 45    | 105 42      | 102 39           | 106 43    | 111 33     | 107 41     | 1.60 66      | 28.8 99 53  | 5.8 45       | 13.4 100                 | 49.9 47   | 30 42       | 257 94  | -96 45       | 107 111 | 26.1 48     | -6.6 43     | -1.9 24       | 22.4 49   | -1 49  | 49 82  | 48 105       | 0.8 45 | 9.2 113  | 1.36 43  |
| TLD 220003    | S 12 4200   |        | ACM 190055 | 104 58                      | 111 59     | 111 55    | 91 51       | 100 51           | 115 50    | 123 49     | 118 50     | 1.44 61      | 32.6 101 59 | 8.9 55       | 16.8 111                 | 56.2 52   | 48 51       | 289 108 | -125 53      | 121 118 | 22.2 54     | -3.0 53     | -2.4 45       | 21.9 56   | 1 54   | 48 114 | 54 104       | 0.8 50 | 9.9 110  | 0.73 49  |
| TLD 220005    | S 1 SOO403Y |        | ACM 200076 | 100 51                      | 99 54      | 115 43    | 97 29       | 103 36           | 105 40    | 113 25     | 107 37     | 0.67 56      | 26.3 109 54 | 10.0 43      | 15.4 115                 | 48.9 44   | 39 29       | 283 101 | -115 33      | 116 117 | 25.8 36     | -10.3 43    | -2.2 18       | 20.0 48   | 0 38   | 47 97  | 36 103       | 0.8 30 | 8.5 109  | -1.18 27 |
| TLD 220007    | S 4 SOO403Y |        | TLD 170001 | 101 52                      | 96 53      | 117 41    | 95 29       | 107 36           | 104 39    | 121 25     | 108 36     | 0.51 57      | 25.0 111 53 | 10.5 41      | 15.3 110                 | 48.4 44   | 42 29       | 307 103 | -113 33      | 115 122 | 32.3 37     | -10.8 43    | -3.3 19       | 20.8 47   | 1 38   | 61 107 | 37 117       | 0.8 32 | 10.8 111 | -1.04 29 |
| TLD 220008    | S SOO403Y   |        | WB 140195  | 93 56                       | 102 58     | 119 46    | 97 36       | 111 40           | 111 44    | 110 27     | 111 41     | 0.99 61      | 28.0 106 58 | 11.3 46      | 16.9 113                 | 51.9 46   | 39 36       | 268 101 | -105 38      | 112 114 | 28.1 42     | -11.7 48    | -4.1 21       | 22.0 50   | 0 42   | 53 98  | 41 109       | 0.8 36 | 9.4 114  | -0.70 33 |

Seleksie Lys volgens Koeiwaarde

Bulle 2 jaar en ouer

| ID              |            | Naam        | Vader ID | Moeder ID | % Intelig | Gebrte<br>Gemak<br>Wrde | Kalf<br>Groei<br>Wrde | Melk<br>Wrde | Onderh.<br>Wrde | Vrugb.<br>Wrde | Koei<br>Wrde | Groei<br>Wrde | Prod<br>Wrde |  |
|-----------------|------------|-------------|----------|-----------|-----------|-------------------------|-----------------------|--------------|-----------------|----------------|--------------|---------------|--------------|--|
| Gesorteer op ID |            |             |          |           |           | Akk                     | Akk                   | Akk          | Akk             | Akk            | Akk          | Akk           | Akk          |  |
|                 |            |             |          |           |           | <div>★★★★☆</div>        |                       |              |                 |                |              |               |              |  |
| 1               | TLD 210018 | TLD 21 0018 | JS02     | WB 140195 | 1.0       | 8159                    | 10154                 | 11143        | 10938           | 11635          | 10742        | 10032         | 10640        |  |
|                 |            |             |          |           |           | <div>★★★★☆</div>        |                       |              |                 |                |              |               |              |  |
| 1               | TLD 220002 | 220002      | 0256     | DE 180018 | 1.0       | 12160                   | 7656                  | 9548         | 11341           | 9440           | 8145         | 9632          | 8242         |  |

Seleksie Lys volgens Koeiwaarde

Koeie 2 jaar en ouer

| ID              | Naam       | Vader ID    | Moeder ID | % Inteling | Gebрте<br>Gemak<br>Wrde<br>Akk | Kalf<br>Groei<br>Wrde<br>Akk | Melk<br>Wrde<br>Akk | Onderh.<br>Wrde<br>Akk | Vrugb.<br>Wrde<br>Akk | Koei<br>Wrde<br>Akk | Groei<br>Wrde<br>Akk | Prod<br>Wrde<br>Akk |        |  |
|-----------------|------------|-------------|-----------|------------|--------------------------------|------------------------------|---------------------|------------------------|-----------------------|---------------------|----------------------|---------------------|--------|--|
| Gesorteer op ID |            |             |           |            | ★★★★★                          |                              |                     |                        |                       |                     |                      |                     |        |  |
| 1               | TLD 220003 | 22003       | 4200      | ACM 190055 | 12.4                           | 104 58                       | 111 59              | 111 55                 | 91 51                 | 100 51              | 115 50               | 123 49              | 118 50 |  |
| 2               | TLD 220008 | TLD22008    | SOO403Y   | WB 140195  | 0.4                            | 93 56                        | 102 58              | 119 46                 | 97 36                 | 111 40              | 111 44               | 110 27              | 111 41 |  |
|                 |            |             |           |            | ★★★★☆                          |                              |                     |                        |                       |                     |                      |                     |        |  |
| 1               | TLD 170001 | TLD 17 0001 | WB 140203 | WB 140195  | 3.7                            | 77 58                        | 98 50               | 130 44                 | 85 41                 | 111 38              | 101 42               | 133 32              | 108 40 |  |
| 2               | TLD 200001 | TLD 20 0001 | 0256      | TLD 170001 | 1.3                            | 112 59                       | 93 53               | 107 45                 | 105 42                | 106 39              | 103 43               | 111 33              | 104 41 |  |
| 3               | TLD 210016 | 21016       | 0256      | TLD 180001 | 2.6                            | 95 59                        | 109 54              | 104 47                 | 109 43                | 92 40               | 109 44               | 101 34              | 107 42 |  |
| 4               | TLD 210017 | TLD 21 0017 | 0256      | TLD 170001 | 1.3                            | 100 59                       | 104 53              | 100 45                 | 105 42                | 102 39              | 106 43               | 111 33              | 107 41 |  |
| 5               | TLD 220005 | TLD22005    | SOO403Y   | ACM 200076 | 0.8                            | 100 51                       | 99 54               | 115 43                 | 97 29                 | 103 36              | 105 40               | 113 25              | 107 37 |  |
| 6               | TLD 220007 | TLD22007    | SOO403Y   | TLD 170001 | 3.7                            | 101 52                       | 96 53               | 117 41                 | 95 29                 | 107 36              | 104 39               | 121 25              | 108 36 |  |
|                 |            |             |           |            | ★★★★                           |                              |                     |                        |                       |                     |                      |                     |        |  |
| 1               | TLD 210008 | 210008      | DE 180001 | DE 180018  | 3.8                            | 108 42                       | 94 38               | 97 35                  | 97 23                 | 96 29               | 93 31                | 103 22              | 94 29  |  |

