



## **PINZGAUER TEELWAARDE VERSLAG**

November 2024



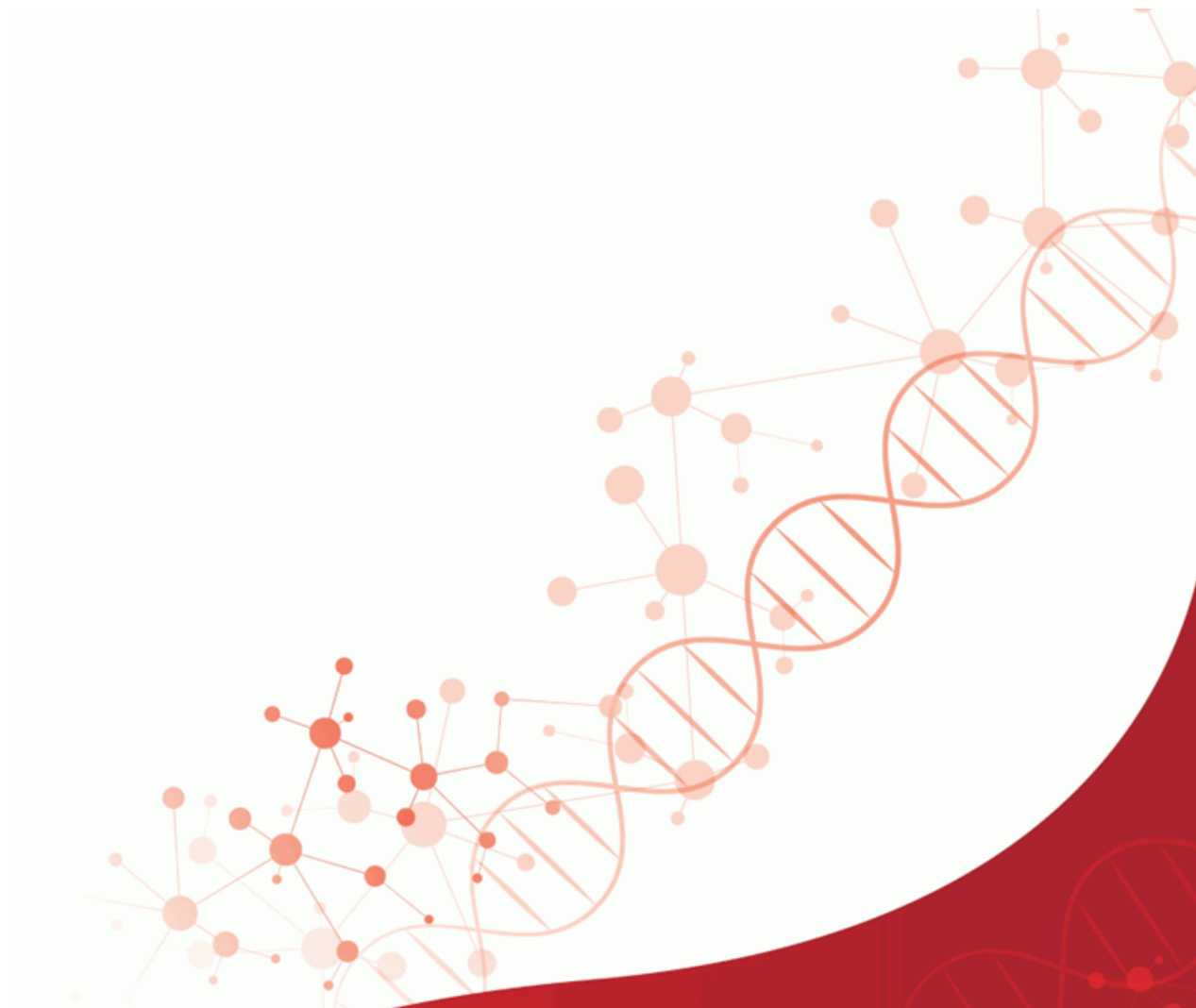
### **MEISSNER PINZGAUER STUD**

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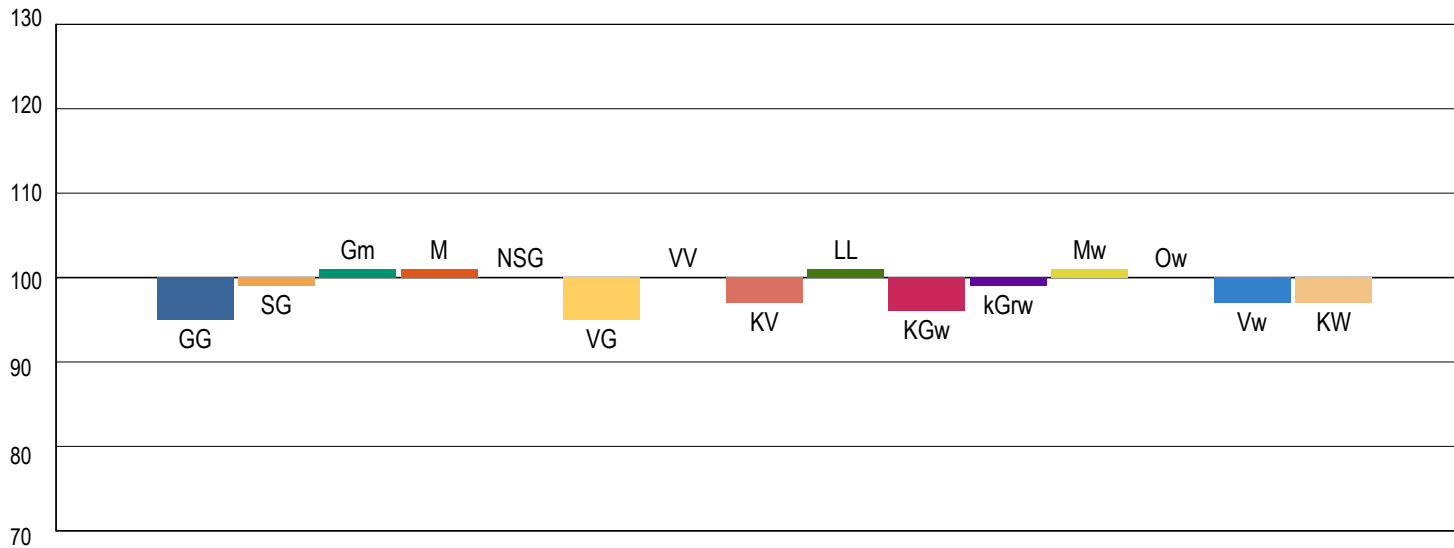


CERTIFICATE  
OF QUALITY  
Valid up to  
1 April 2024



# Kudde en Ras Gemiddeldes

Aantal:



Afkortings:

Teelwaarde (EBV) en Teelwaarde Indeks (EBVi):

|     |                    |
|-----|--------------------|
| GG  | Geboorte gewig     |
| SG  | Speengewig         |
| Gm  | Geboorte maternaal |
| M   | Melk               |
| NSG | NaSpeen gewig      |
| VG  | Volwasse gewig     |
| VV  | Versvrugbaarheid   |
| KV  | Koeivrugbaarheid   |
| LL  | Lanklewendheid     |

Seleksie waardes:

|      |                     |
|------|---------------------|
| KGw  | Kalfgemak Waarde    |
| kGrw | Kalfgroei Waarde    |
| Mw   | Melk Waarde         |
| Ow   | Onderhoud Waarde    |
| Vw   | Vrugbaarheid Waarde |
| KW   | Koei Waarde         |

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

|                 | Eienskap       | EBV Kudde | EBV Indeks | EBV Ras |
|-----------------|----------------|-----------|------------|---------|
| Voorspeen groei | Geboorte gewig | 1.47      | 95         | 0.96    |
|                 | Speen gewig    | 6.73      | 99         | 7.3     |
|                 | Geboorte Mat.  | -0.28     | 101        | -0.26   |
|                 | Melk(Sp.Mat.)  | -0.3      | 101        | -0.6    |
| Naspeen groei   | NaSpeen gewig  | 9.5       | 100        | 9.4     |
|                 | Volwasse gewig | 1         | 95         | 7       |
| Vrugbaarheid    | Vers Vrugb.    | -5.5      | 100        | -5.3    |
|                 | Koei Vrugb.    | -2.8      | 97         | -3.5    |
|                 | LankLewendh.   | 23.3      | 101        | 22.8    |

| Seleksie Waarde | Gem. Kudde |
|-----------------|------------|
| Kalf Gemak      | 96         |
| Kalf Groei      | 99         |
| Melk            | 101        |
| Onderhoud       | 100        |
| Vrugbaarheid    | 97         |
| Koei waarde     | 97         |

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

Kalfgemak: Kleiner kalf by geboorte - makliker kalwing

Kalfgroei: Swaardere 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)

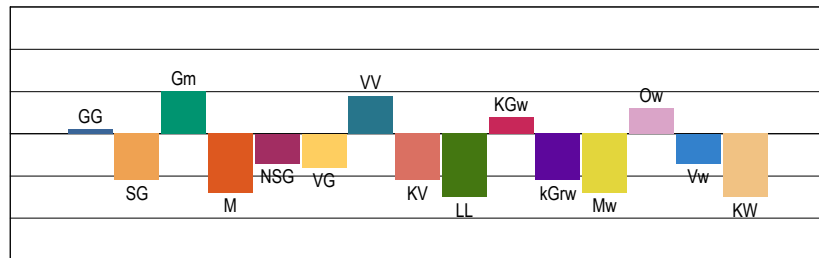
Vrugbaarheid: Koeie / dogters wat vroeër en/of meer gereeld kalf.

# Genetiese Vensters

**Bulle op Plaas**  
Bulle gebore in en vroeër

Aantal: 1

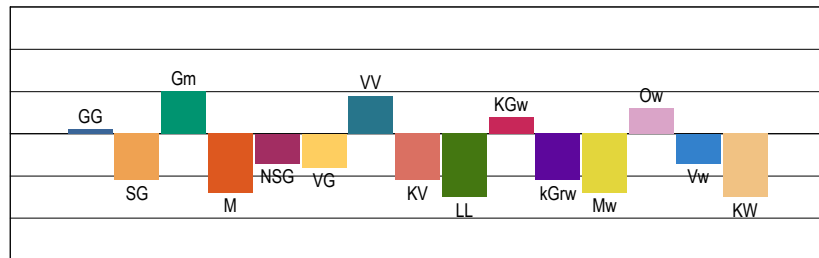
130  
120  
110  
100  
90  
80  
70



**Vaders van jong diere**  
Vaders van diere 3 jaar en jonger

Aantal: 1

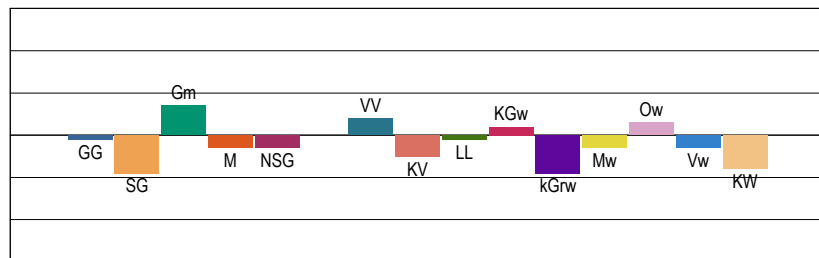
130  
120  
110  
100  
90  
80  
70



**Bulkalwers**  
Bulkalwers gebore in 2023

Aantal: 1

130  
120  
110  
100  
90  
80  
70

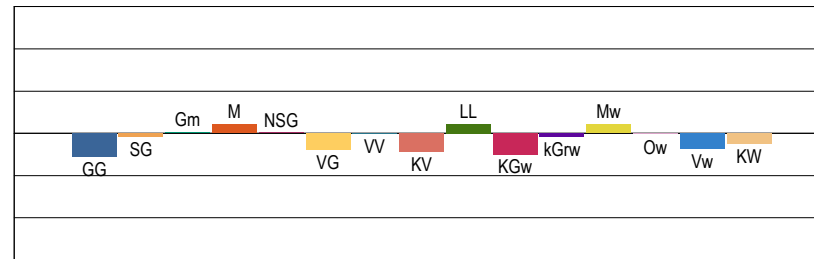


**Koei Kudde**

Koeie gebore in 2022 en vroeër

Aantal: 13

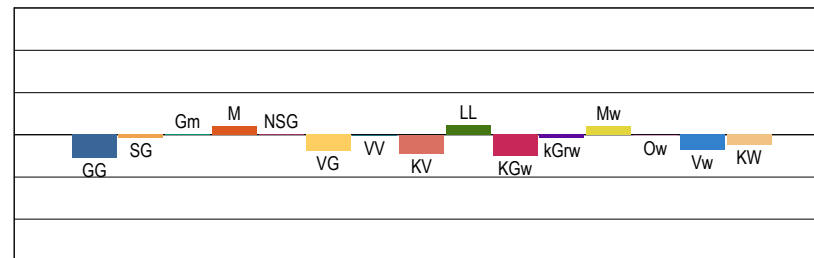
130  
120  
110  
100  
90  
80  
70



**Koeie ouer as 6 jaar**  
Koeie gebore in 2018 en vroeër

Aantal: 13

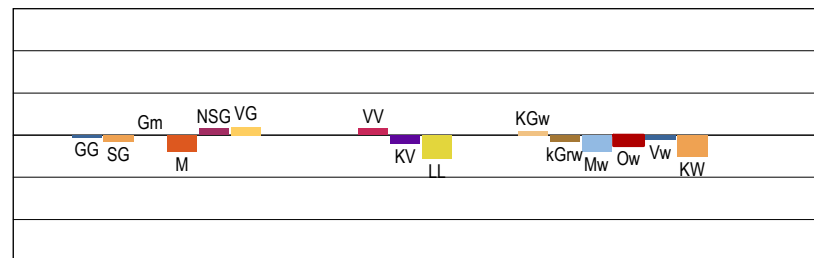
130  
120  
110  
100  
90  
80  
70



**Verskalwers**  
Verse gebore in 2023

Aantal: 2

130  
120  
110  
100  
90  
80  
70



## Afkortings

|     |                  |
|-----|------------------|
| GG  | Geboorte gewig   |
| SG  | Speengewig       |
| Gm  | Geboorte mat     |
| M   | Melk             |
| NSG | NaSpeengewig     |
| VG  | Volwasse gewig   |
| VV  | Versvrugbaarheid |
| KV  | Koeivrugbaarheid |
| LL  | Lanklewendheid   |

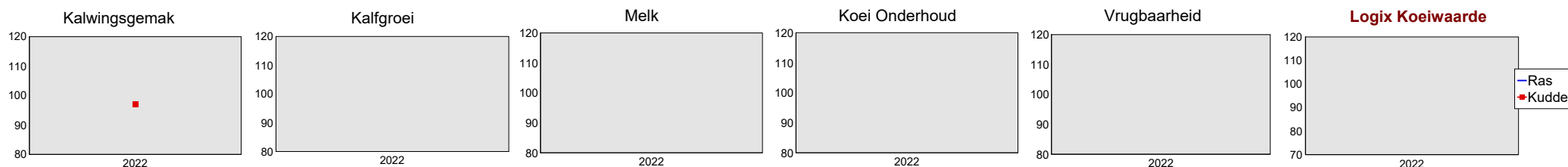
|      |                  |
|------|------------------|
| KGw  | Kalf Gemakwaarde |
| kGrw | Kalf Groeiwaarde |
| Mw   | Melk waarde      |
| Ow   | Onderhoudswaarde |
| Vw   | Vrugbaarh.waarde |
| KW   | Koeiwaarde       |

## Opsomming van Koei Kudde

|                           |              |                   | Seleksie Waardes (SW) |            |      |           |            |             | Kalf gewig     |             | Moeder        |                | Groei         |             | Vrugbaarheid |             |               |
|---------------------------|--------------|-------------------|-----------------------|------------|------|-----------|------------|-------------|----------------|-------------|---------------|----------------|---------------|-------------|--------------|-------------|---------------|
| Geb. Jaar                 | Aantal Koeie | Gemid. Koeiwaarde | Kalw. Gemak           | Kalf Groei | Melk | Onderhoud | Vrugbaarh. | Koei Waarde | Geboorte gewig | Speen gewig | Geboorte Mat. | Melk (Sp.Mat.) | Naspeen gewig | Volw. gewig | Vers-vrugb.  | Koei Vrugb. | Lank-Lewendh. |
| Koeie in Ras gemiddeld:   |              |                   | 100                   | 99         | 100  | 100       | 100        | 100         | 100            | 99          | 100           | 100            | 100           | 100         | 101          | 100         | 99            |
| 2010                      | 1            | ★★★★              | 93                    | 107        | 100  | 95        | 89         | 96          | 92             | 107         | 103           | 100            | 104           |             | 90           | 90          | 100           |
| 2017                      | 3            | ★★★★              | 98                    | 98         | 99   | 100       | 103        | 96          | 99             | 98          | 96            | 99             | 101           | 88          | 107          | 100         | 108           |
| 2018                      | 9            | ★★★★              | 94                    | 99         | 103  | 100       | 95         | 99          | 93             | 99          | 101           | 103            | 99            | 99          | 99           | 95          | 101           |
| 2023                      | 2            | ★★★★              | 101                   | 99         | 96   | 98        | 99         | 95          | 100            | 99          | 100           | 96             | 102           | 102         | 102          | 98          | 95            |
| Koeie in Kudde gemiddeld: |              |                   | 97                    | 101        | 100  | 98        | 97         | 97          | 96             | 101         | 100           | 100            | 102           | 96          | 100          | 96          | 101           |

# 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 |                  |        |                   |     |                | Vrugbaarheid |     |            |        |              |     | Koei<br>Waarde |                 |        |     |     |
|----------------|----------------|------|-------|----------------|-------------|-----|----------------|----------------|-----|----------------|------------------|--------|-------------------|-----|----------------|--------------|-----|------------|--------|--------------|-----|----------------|-----------------|--------|-----|-----|
|                | Geboorte gewig |      |       | Kalf-<br>gemak | Speen gewig |     | Kalf-<br>groei | Melk (Sp.Mat.) |     | Melk           | Naspeen<br>gewig |        | Volwasse<br>gewig |     | Onder-<br>houd | Versvrugb.   |     | Koeivrugb. |        | Lanklewendh. |     |                | Vrug-<br>baarh. |        |     |     |
|                | Dir            |      | Mat   |                | EBV         |     |                | Aantal         |     |                | EBV              | Aantal |                   | EBV |                | Aantal       |     | EBV        | Aantal |              | EBV |                |                 | Aantal |     | EBV |
|                | Aantal         | EBV  | EBV   |                | Aantal      | EBV |                | Aantal         | EBV |                | Aantal           | EBV    | Aantal            | EBV |                | Aantal       | EBV | Aantal     | EBV    | Aantal       | EBV |                |                 | Aantal | EBV |     |
| 2022           | 4              | 1.40 | -0.26 | 97             |             |     |                |                |     |                |                  |        |                   |     |                |              |     |            |        |              |     |                |                 |        |     |     |

## Ras

| Gebrte<br>Jaar | Kalwingsgemak  |      |       |                | Kalfgroei   |     |                | Melk           |       |      | Koei Onderhoud   |        |                   |     |                |            | Vrugbaarheid |            |        |              |      |                 |     |     | Koei<br>Waarde |
|----------------|----------------|------|-------|----------------|-------------|-----|----------------|----------------|-------|------|------------------|--------|-------------------|-----|----------------|------------|--------------|------------|--------|--------------|------|-----------------|-----|-----|----------------|
|                | Geboorte gewig |      |       | Kalf-<br>gemak | Speen gewig |     | Kalf-<br>groei | Melk (Sp.Mat.) |       | Melk | Naspeen<br>gewig |        | Volwasse<br>gewig |     | Onder-<br>houd | Versvrugb. |              | Koeivrugb. |        | Lanklewendh. |      | Vrug-<br>baarh. |     |     |                |
|                | Dir            |      | Mat   |                | EBV         |     |                | Aantal         |       |      | EBV              | Aantal |                   | EBV |                | Aantal     |              | EBV        | Aantal |              | EBV  | Aantal          |     | EBV |                |
|                | Aantal         | EBV  | EBV   |                | Aantal      | EBV |                | Aantal         | EBV   |      | Aantal           | EBV    | Aantal            | EBV |                | Aantal     | EBV          | Aantal     | EBV    | Aantal       | EBV  | Aantal          | EBV |     |                |
| 2015           | 546            | 0.56 | -0.20 | 103            | 117         | 5.8 | 96             | 117            | -0.94 | 99   | 12               | 12.0   | 38                | 6   | 98             | 110        | -4.1         | 70         | -2.6   | 578          | 17.2 | 97              | 99  |     |                |
| 2016           | 515            | 0.96 | -0.20 | 101            | 126         | 6.9 | 99             | 126            | -0.09 | 102  |                  |        | 7                 | 9   | 97             | 13         | -4.7         | 7          | -2.3   | 539          | 17.6 | 93              | 99  |     |                |
| 2017           | 268            | 0.64 | -0.30 | 103            | 75          | 5.5 | 96             | 75             | -0.85 | 99   | 31               | 6.0    | 7                 | 3   | 106            | 26         | -3.0         | 16         | -1.6   | 277          | 17.2 | 91              | 101 |     |                |
| 2018           | 228            | 1.17 | -0.32 | 99             | 138         | 8.1 | 102            | 138            | -2.98 | 92   | 100              | 10.2   | 6                 | 4   | 99             | 58         | -3.7         | 21         | -3.7   | 239          | 18.4 | 98              | 95  |     |                |
| 2019           | 204            | 1.10 | -0.30 | 97             | 136         | 7.1 | 99             | 136            | -1.53 | 97   | 119              | 9.5    | 14                | -7  | 100            | 48         | -3.9         | 9          | -0.6   | 193          | 19.4 | 91              | 93  |     |                |
| 2020           | 204            | 0.47 | -0.29 | 102            | 144         | 4.8 | 94             | 144            | -0.01 | 102  | 117              | 7.5    |                   |     | 103            | 21         | -3.4         | 1          | -2.2   | 130          | 21.8 | 95              | 98  |     |                |
| 2021           | 154            | 0.43 | -0.34 | 103            | 112         | 5.6 | 96             | 112            | -1.59 | 97   | 76               | 7.9    |                   |     | 102            |            |              |            |        |              |      |                 | 99  |     |                |
| 2022           | 127            | 0.86 | -0.28 | 100            | 76          | 7.0 | 99             | 76             | -0.48 | 100  | 46               | 9.4    |                   |     | 100            |            |              |            |        |              |      |                 | 102 |     |                |
| 2023           | 108            | 1.05 | -0.21 | 98             | 70          | 8.1 | 102            | 70             | -1.09 | 98   |                  |        |                   |     |                |            |              |            |        |              |      |                 | 97  |     |                |
| 2024           | 30             | 1.20 | 0.02  | 92             |             |     |                |                |       |      |                  |        |                   |     |                |            |              |            |        |              |      |                 |     |     |                |

Teelbulle (Vaders van Diere)

| Bul        |            | Seleksie Waardes (SW) |            |        |              |             |             | Kalf gewig     |              | Moeder eiensk. |                | Groei        |              | Vrugbaarheid |              |               | Gemete Nageslag |     |           |            |
|------------|------------|-----------------------|------------|--------|--------------|-------------|-------------|----------------|--------------|----------------|----------------|--------------|--------------|--------------|--------------|---------------|-----------------|-----|-----------|------------|
| ID         | Pa ID      | Kalw. Gemak           | Kalf Groei | Melk   | Koei Onderh. | Koei Vrugb. | Koei Waarde | Geboorte gewig | Speen gewig  | Geboorte Mat.  | Melk (Sp.Mat.) | Naspn gewig  | Volw. gewig  | Vers Vrugb.  | Koei Vrugb.  | Lank-Lewendh. | Aantal kuddes   |     |           |            |
| Rek. Nr    | Ma ID      | SW Akk                | SW Akk     | SW Akk | SW Akk       | SW Akk      | SW Akk      | EBV Akk EBVi   | EBV Akk EBVi | EBV Akk EBVi   | EBV Akk EBVi   | EBV Akk EBVi | EBV Akk EBVi | EBV Akk EBVi | EBV Akk EBVi | EBV Akk EBVi  | Grbrte          | Spn | Gr. toets | Dogt/Kalw. |
|            |            | Rasgemiddeld          |            |        |              |             |             | 0.96 100       | 7.3 100      | -0.26 100      | -0.6 100       | 9.4 100      | 7 100        | -5.3 100     | -3.5 100     | 22.8 100      |                 |     |           |            |
| B 110052   | GB 070055  | 99                    | 70         | 64     | 132          | 54          | 51          | -2.94          | -5.1         | -0.50          | -11.9          | -9.6         | -34          | -3.2         | 6.8          | 22.9          | 111             | 63  | 21        | 14 20      |
| B110052    | B 060261   | 93                    | 91         | 75     | 72           | 55          | 72          | 95             | 134          | 91             | 70             | 80           | 68           | 74           | 97           | 84            | 6               | 3   |           | 1          |
| B 120021   | B 040021   | 106                   | 98         | 122    | 88           | 106         | 116         | 0.50           | 6.3          | -0.40          | 6.4            | 15.4         | -2           | -6.7         | -4.6         | 16.9          | 50              | 17  | 1         | 1 3        |
| PEGASUS    | B 080862   | 90                    | 85         | 59     | 55           | 44          | 60          | 93             | 104          | 85             | 98             | 64           | 110          | 55           | 102          | 34            | 5               | 5   |           | 1          |
| B 140071   | Z 100464   | 82                    | 115        | 79     | 87           | 92          | 71          | 3.14           | 13.6         | -0.82          | -7.2           | 16.7         | 13           | 5.6          | -2.4         | 20.2          | 42              | 28  | 5         | 4 4        |
| SCHUSTER   | B 080912   | 89                    | 85         | 58     | 62           | 40          | 60          | 92             | 81           | 85             | 115            | 72           | 112          | 58           | 83           | 23            | 1               | 1   |           | 1          |
| BH 110021  | B 040021   | 93                    | 104        | 108    | 89           | 95          | 96          | 1.87           | 9.0          | -0.46          | 2.1            | 15.2         | 16           | 2.4          | -2.9         | 13.2          | 2               |     |           |            |
| CARL       | BH 070007  | 75                    | 50         | 45     | 36           | 36          | 43          | 77             | 92           | 50             | 104            | 40           | 110          | 47           | 88           | 24            | 2               |     |           |            |
| LJK 160004 | B 080936   | 104                   | 89         | 86     | 106          | 93          | 85          | 0.83           | 2.9          | -0.73          | -5.0           | 5.3          | -2           | -10.9        | -1.3         | 15.7          | 3               |     |           |            |
| WILLIE     | LJK 100005 | 69                    | 44         | 39     | 31           | 26          | 35          | 72             | 101          | 44             | 89             | 35           | 93           | 37           | 109          | 16            | 1               |     |           |            |
| PGJ 070289 | PGJ 040149 | 101                   | 99         | 88     | 101          | 78          | 87          | 0.95           | 6.8          | -0.06          | -4.4           | 8.8          | 0            | -1.0         | 1.3          | 17.9          | 14              | 1   |           |            |
| PGJ070289  | PGJ 030134 | 78                    | 74         | 52     | 37           | 33          | 49          | 80             | 100          | 74             | 99             | 52           | 99           | 47           | 93           | 19            | 2               | 1   |           |            |
| Z 100468   | RPSFC001   | 98                    | 111        | 93     | 94           | 98          | 101         | 1.40           | 11.9         | -0.54          | -2.9           | 12.6         | 20           | 5.6          | -3.8         | 21.5          | 100             | 42  | 9         | 14 30      |
| 100468     | PGJ 070334 | 93                    | 90         | 78     | 67           | 56          | 71          | 95             | 96           | 90             | 111            | 74           | 105          | 71           | 82           | 41            | 9               | 5   |           | 1          |
| Z 110011   | PGJ 070297 | 81                    | 97         | 93     | 103          | 84          | 71          | 3.05           | 6.2          | -0.29          | -2.6           | 7.8          | -5           | 4.6          | -0.5         | 20.3          | 89              | 55  | 3         | 3 6        |
| PATRICK    | PGJ 030134 | 92                    | 90         | 62     | 69           | 48          | 66          | 95             | 82           | 90             | 97             | 74           | 97           | 65           | 84           | 32            | 4               | 4   |           | 1          |
| Z 120039   | B 080851   | 84                    | 100        | 134    | 94           | 98          | 107         | 2.20           | 7.3          | 1.08           | 10.2           | 14.7         | 4            | -2.0         | -3.1         | 25.5          | 80              | 30  | 3         | 5 15       |
| Z 120039   | PGJ 040139 | 92                    | 87         | 69     | 62           | 46          | 65          | 95             | 89           | 87             | 100            | 70           | 109          | 59           | 95           | 33            | 4               | 4   |           | 1          |

Bulle

| Bul                  |                 |                | Seleksie Waardes (SW) |                  |                  |                   |                  |                  | Kalf gewig        |      |                |      | Moeder         |      |                   |      | Groei            |      |                   |      | Vrugbaarheid       |      |                    |      |                   |      |
|----------------------|-----------------|----------------|-----------------------|------------------|------------------|-------------------|------------------|------------------|-------------------|------|----------------|------|----------------|------|-------------------|------|------------------|------|-------------------|------|--------------------|------|--------------------|------|-------------------|------|
| ID                   | % In-<br>teling | Pa ID<br>Ma ID | Kalw.<br>Gemak        | Kalf<br>Groei    | Melk             | Koei<br>Onderh.   | Koei<br>Vrugb.   | Koei<br>Waarde   | Geboorte<br>gewig |      | Speen<br>gewig |      | Gebrte<br>Mat. |      | Melk<br>(Sp.Mat.) |      | Naspeen<br>gewig |      | Volwasse<br>gewig |      | Vers<br>Vrugbaarh. |      | Koei<br>Vrugbaarh. |      | Lank-<br>lewendh. |      |
| Bulnaam              |                 |                | SW Akk                | SW Akk           | SW Akk           | SW Akk            | SW Akk           | SW Akk           | EBV<br>Akk        | EBVi | EBV<br>Akk     | EBVi | EBV<br>Akk     | EBVi | EBV<br>Akk        | EBVi | EBV<br>Akk       | EBVi | EBV<br>Akk        | EBVi | EBV<br>Akk         | EBVi | EBV<br>Akk         | EBVi | EBV<br>Akk        | EBVi |
|                      |                 |                | Rasgemiddeld:         |                  |                  |                   |                  |                  | 0.96              | 100  | 7.3            | 100  | -0.26          | 100  | -0.6              | 100  | 9.4              | 100  | 7                 | 100  | -5.3               | 100  | -3.5               | 100  | 22.8              | 100  |
|                      |                 |                | Bulgemiddeld:         |                  |                  |                   |                  |                  | 1.08              | 99   | 8.1            | 102  | -0.24          | 100  | -0.8              | 99   | 10.4             | 102  | 8                 | 102  | -3.3               | 97   | -3.6               | 101  |                   |      |
| Inteling >6% is hoog |                 |                | Ingekleurde EBVi      |                  |                  |                   |                  |                  | 90-110            |      | >100           |      | >100           |      | >100              |      | >100             |      | 90-110            |      | >100               |      | >100               |      | >100              |      |
| HAM 230007           | 5               | LJK 160004     | 102 <sub>50</sub>     | 91 <sub>41</sub> | 97 <sub>28</sub> | 103 <sub>28</sub> | 97 <sub>18</sub> | 92 <sub>29</sub> | 1.04              | 3.8  | -0.59          | -1.4 | 7.4            |      | -8.0              | -2.5 | 22.4             |      |                   |      |                    |      |                    |      |                   |      |
| MEISSNER HAM 230007  |                 | GB 180056      | ★★★                   | ★★★              | ★★★              | ★★★               | ★★★              | ★★★              | 52                | 99   | 36             | 107  | 28             | 97   | 32                | 97   | 29               | 104  | 6                 | 95   | 35                 | 99   |                    |      |                   |      |

Koeie

| Koei                 |                 |            | Seleksie Waardes (SW)          |                   |                   |                   |                   |                   | Kalf gewig        |      |                |      | Moeder         |      |                   |      | Groei            |        |                   |      | Vrugbaarheid       |      |                    |      |                   |      |
|----------------------|-----------------|------------|--------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------|----------------|------|----------------|------|-------------------|------|------------------|--------|-------------------|------|--------------------|------|--------------------|------|-------------------|------|
| ID                   | % In-<br>teling | Pa ID      | Kalw.<br>Gemak                 | Kalf<br>Groei     | Melk              | Koei<br>Onderh.   | Koei<br>Vrugb.    | Koei<br>Waarde    | Geboorte<br>gewig |      | Speen<br>gewig |      | Gebrte<br>Mat. |      | Melk<br>(Sp.Mat.) |      | Naspeen<br>gewig |        | Volwasse<br>gewig |      | Vers<br>Vrugbaarh. |      | Koei<br>Vrugbaarh. |      | Lank-<br>lewendh. |      |
| Naam                 |                 | Ma ID      | SW Akk                         | SW Akk            | SW Akk            | SW Akk            | SW Akk            | SW Akk            | EBV<br>Akk        | EBVi | EBV<br>Akk     | EBVi | EBV<br>Akk     | EBVi | EBV<br>Akk        | EBVi | EBV<br>Akk       | EBVi   | EBV<br>Akk        | EBVi | EBV<br>Akk         | EBVi | EBV<br>Akk         | EBVi | EBV<br>Akk        | EBVi |
|                      |                 |            | Rasgemiddeld:<br>Bulgemiddeld: |                   |                   |                   |                   |                   | 0.96              | 100  | 7.3            | 100  | -0.26          | 100  | -0.6              | 100  | 9.4              | 100    | 7                 | 100  | -5.3               | 100  | -3.5               | 100  | 22.8              | 100  |
| Inteling >6% is hoog |                 |            | Ingekleurde EBVi               |                   |                   |                   |                   |                   | 90-110            | >100 |                | >100 |                | >100 |                   | >100 |                  | 90-110 |                   | >100 |                    | >100 |                    | >100 |                   |      |
| JW 100013            | 5               | PGJ 070289 | 93 <sup>64</sup>               | 107 <sup>44</sup> | 100 <sup>32</sup> | 95 <sup>19</sup>  | 89 <sup>16</sup>  | 96 <sup>28</sup>  | 1.88              | 10.1 | -0.38          | -0.5 | 12.0           |      | 0.8               | -1.3 |                  |        | 23.0              |      |                    |      |                    |      |                   |      |
| JOHN WAYNE STEPHANIE |                 | JW 080006  | ★★★☆☆                          | ★★★★              | ★★★★              | ★★★★☆             | ★★★               | ★★★★☆             | 67                | 92   | 44             | 107  | 40             | 103  | 32                | 100  | 28               | 104    | 26                | 90   | 5                  | 90   | 42                 | 100  |                   |      |
| GB 170053            | 3               | B 120021   | 93 <sup>74</sup>               | 108 <sup>72</sup> | 103 <sup>49</sup> | 83 <sup>55</sup>  | 112 <sup>32</sup> | 94 <sup>51</sup>  | 1.60              | 10.4 | 0.41           | 0.3  | 20.0           | -1   | -8.5              | -5.7 |                  |        | 23.5              |      |                    |      |                    |      |                   |      |
| GROOTBOOM GB 170053  |                 | B 110044   | ★★★☆☆                          | ★★★★              | ★★★★              | ★★★               | ★★★★☆             | ★★★★☆             | 76                | 94   | 72             | 108  | 56             | 86   | 49                | 103  | 50               | 118    | 39                | 105  | 25                 | 111  | 53                 | 101  |                   |      |
| GB 170058            |                 | Z 120039   | 83 <sup>74</sup>               | 103 <sup>71</sup> | 116 <sup>50</sup> | 96 <sup>58</sup>  | 102 <sup>30</sup> | 96 <sup>50</sup>  | 2.68              | 8.4  | 0.11           | 4.5  | 12.6           | 4    | -6.4              | -3.6 |                  |        | 28.4              |      |                    |      |                    |      |                   |      |
| GROOTBOOM GB 170058  |                 | B 130074   | ★★★                            | ★★★★              | ★★★★☆             | ★★★★☆             | ★★★★              | ★★★★              | 76                | 85   | 71             | 103  | 51             | 92   | 50                | 116  | 60               | 105    | 40                | 102  | 20                 | 101  | 53                 | 112  |                   |      |
| GB 170076            | 2               | B 110052   | 119 <sup>74</sup>              | 84 <sup>70</sup>  | 78 <sup>53</sup>  | 120 <sup>58</sup> | 94 <sup>32</sup>  | 97 <sup>51</sup>  | -1.02             | 0.7  | -0.68          | -7.6 | -2.3           | -22  | -14.0             | -1.1 |                  |        | 27.3              |      |                    |      |                    |      |                   |      |
| GROOTBOOM GB 170076  |                 | B 140036   | ★★★★☆                          | ★★★               | ★★☆               | ★★★★★             | ★★★★☆             | ★★★★              | 76                | 117  | 70             | 84   | 53             | 109  | 53                | 78   | 61               | 80     | 45                | 114  | 20                 | 89   | 54                 | 110  |                   |      |
| GB 180002            | 1               | B 110052   | 111 <sup>74</sup>              | 77 <sup>70</sup>  | 90 <sup>53</sup>  | 123 <sup>40</sup> | 73 <sup>32</sup>  | 90 <sup>48</sup>  | -0.30             | -2.1 | 0.47           | -3.9 | -3.4           | -13  | -2.8              | 2.5  |                  |        | 26.9              |      |                    |      |                    |      |                   |      |
| GROOTBOOM GB 180002  |                 | B 130093   | ★★★★☆                          | ★★☆               | ★★★★☆             | ★★★★★             | ★★☆               | ★★★★              | 76                | 111  | 70             | 77   | 53             | 85   | 53                | 90   | 45               | 79     | 45                | 96   | 20                 | 71   | 54                 | 109  |                   |      |
| GB 180016            | 4               | Z 110011   | 94 <sup>74</sup>               | 87 <sup>71</sup>  | 96 <sup>47</sup>  | 112 <sup>56</sup> | 95 <sup>36</sup>  | 85 <sup>52</sup>  | 1.87              | 1.9  | -0.84          | -1.7 | 1.2            | -9   | -9.0              | -1.9 |                  |        | 21.9              |      |                    |      |                    |      |                   |      |
| GROOTBOOM GB 180016  |                 | B 080925   | ★★★☆☆                          | ★★★               | ★★★★☆             | ★★★★☆             | ★★★★☆             | ★★★               | 76                | 92   | 71             | 87   | 52             | 112  | 47                | 96   | 59               | 86     | 53                | 106  | 18                 | 92   | 56                 | 98   |                   |      |
| GB 180034            | 3               | Z 110011   | 86 <sup>74</sup>               | 96 <sup>72</sup>  | 108 <sup>50</sup> | 102 <sup>58</sup> | 109 <sup>36</sup> | 91 <sup>53</sup>  | 2.52              | 5.7  | -0.39          | 2.0  | 8.2            | 4    | -16.1             | -4.5 |                  |        | 22.3              |      |                    |      |                    |      |                   |      |
| GROOTBOOM GB 180034  |                 | PGJ 070317 | ★★★                            | ★★★★☆             | ★★★★              | ★★★★              | ★★★★              | ★★★★              | 76                | 86   | 72             | 96   | 51             | 103  | 50                | 108  | 61               | 98     | 52                | 117  | 19                 | 105  | 57                 | 99   |                   |      |
| GB 180036            |                 | Z 100468   | 101 <sup>72</sup>              | 109 <sup>69</sup> | 109 <sup>48</sup> | 97 <sup>56</sup>  | 99 <sup>38</sup>  | 117 <sup>52</sup> | 0.91              | 11.0 | 0.05           | 2.4  | 11.4           | 19   | 4.9               | -3.9 |                  |        | 25.9              |      |                    |      |                    |      |                   |      |
| GROOTBOOM GB 180036  |                 | KB 120082  | ★★★★                           | ★★★★              | ★★★★              | ★★★★☆             | ★★★★☆             | ★★★★☆             | 74                | 100  | 69             | 109  | 56             | 93   | 48                | 109  | 59               | 103    | 51                | 84   | 26                 | 102  | 54                 | 107  |                   |      |
| GB 180039            | 2               | Z 110011   | 88 <sup>73</sup>               | 112 <sup>71</sup> | 118 <sup>47</sup> | 87 <sup>58</sup>  | 94 <sup>32</sup>  | 105 <sup>51</sup> | 2.55              | 12.3 | -0.86          | 5.0  | 16.3           | 14   | 7.1               | -3.1 |                  |        | 24.0              |      |                    |      |                    |      |                   |      |
| GROOTBOOM GB 180039  |                 | KB 120004  | ★★★                            | ★★★★☆             | ★★★★☆             | ★★★               | ★★★★☆             | ★★★★              | 76                | 86   | 71             | 112  | 50             | 113  | 47                | 118  | 61               | 112    | 43                | 80   | 20                 | 98   | 54                 | 103  |                   |      |
| GB 180054            |                 | Z 100468   | 103 <sup>72</sup>              | 100 <sup>70</sup> | 109 <sup>52</sup> | 98 <sup>56</sup>  | 96 <sup>36</sup>  | 109 <sup>52</sup> | 0.71              | 7.2  | -0.13          | 2.1  | 10.4           | 12   | 0.4               | -2.9 |                  |        | 24.2              |      |                    |      |                    |      |                   |      |
| GROOTBOOM GB 180054  |                 | Z 110494   | ★★★★                           | ★★★★              | ★★★★              | ★★★★☆             | ★★★★☆             | ★★★★              | 74                | 102  | 70             | 100  | 53             | 97   | 52                | 109  | 59               | 102    | 51                | 91   | 20                 | 97   | 55                 | 103  |                   |      |
| GB 180056            | 1               | Z 110011   | 99 <sup>75</sup>               | 94 <sup>71</sup>  | 109 <sup>46</sup> | 99 <sup>56</sup>  | 101 <sup>34</sup> | 100 <sup>51</sup> | 1.24              | 4.7  | -0.44          | 2.3  | 9.4            | 1    | -5.0              | -3.7 |                  |        | 29.2              |      |                    |      |                    |      |                   |      |
| GROOTBOOM GB 180056  |                 | B 110029   | ★★★☆☆                          | ★★★★☆             | ★★★★              | ★★★★☆             | ★★★★              | ★★★★              | 77                | 98   | 71             | 94   | 57             | 104  | 46                | 109  | 60               | 100    | 50                | 100  | 19                 | 101  | 56                 | 114  |                   |      |
| GB 180070            | 13              | B 140071   | 75 <sup>72</sup>               | 119 <sup>51</sup> | 83 <sup>37</sup>  | 83 <sup>28</sup>  |                   |                   | 3.64              | 15.2 | -0.31          | -5.9 | 20.2           | 17   | -9.2              |      |                  | 21.5   |                   |      |                    |      |                    |      |                   |      |
| GROOTBOOM GB 180070  |                 | B 150090   | ★★☆                            | ★★★★☆             | ★★★               | ★★★               |                   |                   | 75                | 76   | 51             | 119  | 43             | 101  | 37                | 83   | 38               | 118    | 36                | 106  |                    |      | 43                 | 97   |                   |      |
| HAM 180002           | 11              | BH 110021  | 91 <sup>54</sup>               | 94 <sup>42</sup>  | 108 <sup>32</sup> | 102 <sup>18</sup> | 93 <sup>22</sup>  | 91 <sup>29</sup>  | 2.12              | 4.9  | -0.47          | 1.9  | 7.8            |      | -9.4              | -1.5 |                  |        | 11.7              |      |                    |      |                    |      |                   |      |
| MEISSNER HAM 180002  |                 | B 040004   | ★★★☆☆                          | ★★★★☆             | ★★★★              | ★★★★              | ★★★★☆             | ★★★★              | 55                | 90   | 42             | 94   | 44             | 105  | 32                | 108  | 27               | 97     | 35                | 107  | 9                  | 90   | 40                 | 76   |                   |      |
| HAM 230006           | 5               | LJK 160004 | 99 <sup>50</sup>               | 98 <sup>41</sup>  | 94 <sup>29</sup>  | 94 <sup>27</sup>  | 102 <sup>16</sup> | 89 <sup>28</sup>  | 1.22              | 6.6  | -0.16          | -2.4 | 12.7           |      | -9.7              | -3.5 |                  |        | 19.6              |      |                    |      |                    |      |                   |      |
| MEISSNER HAM 230006  |                 | GB 170053  | ★★★☆☆                          | ★★★★☆             | ★★★★☆             | ★★★★☆             | ★★★★              | ★★★               | 52                | 98   | 41             | 98   | 35             | 98   | 29                | 94   | 27               | 105    | 24                | 107  | 7                  | 100  | 34                 | 93   |                   |      |
| HAM 230010           | 1               | LJK 160004 | 103 <sup>50</sup>              | 99 <sup>40</sup>  | 98 <sup>30</sup>  | 101 <sup>31</sup> | 96 <sup>22</sup>  | 101 <sup>31</sup> | 0.87              | 7.0  | -0.34          | -1.3 | 8.4            | 9    | -3.0              | -2.6 |                  |        | 20.8              |      |                    |      |                    |      |                   |      |
| MEISSNER HAM 230010  |                 | GB 180036  | ★★★★                           | ★★★★☆             | ★★★★☆             | ★★★★              | ★★★★☆             | ★★★★              | 51                | 101  | 40             | 99   | 36             | 102  | 30                | 98   | 33               | 98     | 30                | 96   | 13                 | 96   | 34                 | 96   |                   |      |

Seleksie Lys volgens Koeiwaarde

Koeie 2 jaar en ouer

| ID              |            | Naam       | Vader ID   | Moeder ID  | % Inteling | Gebnte<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 |  |
|-----------------|------------|------------|------------|------------|------------|--------------------------------|------------------------------|---------------------|------------------------|-----------------------|---------------------|--|
| Gesorteer op ID |            |            |            |            |            |                                |                              |                     |                        |                       |                     |  |
|                 |            |            |            |            |            | ★★★★★                          |                              |                     |                        |                       |                     |  |
| 1               | GB 180036  | GB 180036  | Z 100468   | KB 120082  | 0.0        | 101 72                         | 109 69                       | 109 48              | 97 56                  | 99 38                 | 117 52              |  |
|                 |            |            |            |            |            | ★★★★                           |                              |                     |                        |                       |                     |  |
| 1               | GB 180039  | GB 180039  | Z 110011   | KB 120004  | 1.5        | 88 73                          | 112 71                       | 118 47              | 87 58                  | 94 32                 | 105 51              |  |
| 2               | GB 180054  | GB 180054  | Z 100468   | Z 110494   | 0.0        | 103 72                         | 100 70                       | 109 52              | 98 56                  | 96 36                 | 109 52              |  |
| 3               | GB 180056  | GB 180056  | Z 110011   | B 110029   | 1.5        | 99 75                          | 94 71                        | 109 46              | 99 56                  | 101 34                | 100 51              |  |
|                 |            |            |            |            |            | ★★★                            |                              |                     |                        |                       |                     |  |
| 1               | GB 170053  | GB 170053  | B 120021   | B 110044   | 2.7        | 93 74                          | 108 72                       | 103 49              | 83 55                  | 112 32                | 94 51               |  |
| 2               | GB 170058  | GB 170058  | Z 120039   | B 130074   | 0.3        | 83 74                          | 103 71                       | 116 50              | 96 58                  | 102 30                | 96 50               |  |
| 3               | GB 170076  | GB 170076  | B 110052   | B 140036   | 2.3        | 119 74                         | 84 70                        | 78 53               | 120 58                 | 94 32                 | 97 51               |  |
| 4               | GB 180002  | GB 180002  | B 110052   | B 130093   | 1.0        | 111 74                         | 77 70                        | 90 53               | 123 40                 | 73 32                 | 90 48               |  |
| 5               | GB 180034  | GB 180034  | Z 110011   | PGJ 070317 | 2.9        | 86 74                          | 96 72                        | 108 50              | 102 58                 | 109 36                | 91 53               |  |
| 6               | HAM 180002 | HAM 180002 | BH 110021  | B 040004   | 10.8       | 91 54                          | 94 42                        | 108 32              | 102 18                 | 93 22                 | 91 29               |  |
| 7               | JW 100013  | STEPHANIE  | PGJ 070289 | JW 080006  | 4.6        | 93 64                          | 107 44                       | 100 32              | 95 19                  | 89 16                 | 96 28               |  |
|                 |            |            |            |            |            | ★★                             |                              |                     |                        |                       |                     |  |
| 1               | GB 180016  | GB 180016  | Z 110011   | B 080925   | 3.6        | 94 74                          | 87 71                        | 96 47               | 112 56                 | 95 36                 | 85 52               |  |

Seleksie Lys volgens Koeiwaarde

Bulle jonger as 2 jaar

| IDNaam          |            |            | Vader IDMoeder 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 |  |
|-----------------|------------|------------|-------------------|-----------|------------|--------------------------------|------------------------------|---------------------|------------------------|-----------------------|---------------------|--|
| Gesorteer op ID |            |            |                   |           |            |                                |                              |                     |                        |                       |                     |  |
|                 |            |            |                   |           |            | ★★★★                           |                              |                     |                        |                       |                     |  |
| 1               | HAM 230007 | HAM 230007 | LJK 160004        | GB 180056 | 5.1        | 10250                          | 9141                         | 9728                | 10328                  | 9718                  | 9229                |  |

Seleksie Lys volgens Koeiwaarde

Verse jonger as 2 jaar

| IDNaam<br><small>Gesorteer op ID</small> |            |            | Vader ID   | Moeder ID | % Inteling | Gebрте<br>Gemak<br>Wrde<br><small>Akk</small> | Kalf<br>Groeи<br>Wrde<br><small>Akk</small> | Melk<br>Wrde<br><small>Akk</small> | Onderh.<br>Wrde<br><small>Akk</small> | Vrugb.<br>Wrde<br><small>Akk</small> | Koei<br>Wrde<br><small>Akk</small> |  |
|------------------------------------------|------------|------------|------------|-----------|------------|-----------------------------------------------|---------------------------------------------|------------------------------------|---------------------------------------|--------------------------------------|------------------------------------|--|
|                                          |            |            |            |           |            | ☆☆☆                                           |                                             |                                    |                                       |                                      |                                    |  |
| 1                                        | HAM 230010 | HAM 230010 | LJK 160004 | GB 180036 | 0.5        | 10350                                         | 9940                                        | 9830                               | 10131                                 | 9622                                 | 10131                              |  |
|                                          |            |            |            |           |            | ☆☆                                            |                                             |                                    |                                       |                                      |                                    |  |
| 1                                        | HAM 230006 | HAM 230006 | LJK 160004 | GB 170053 | 5.4        | 9950                                          | 9841                                        | 9429                               | 9427                                  | 10216                                | 8928                               |  |