

AMPTELIKE VEILINGSKATALOGUS VIR / OFFICIAL AUCTION CATALOGUE FOR

# PALMIETFONTEIN VROULIK

Veilingsdatum / Auction Date:  
19 May 2022

Data soos op / Data as on:  
17 May 2022



## SALES UNDER AUSPICES OF BONSMARA SA

Bonsmara stud breeding is subject to the stipulations of the Livestock Improvement Act and conforms to the standards of Bonsmara SA. The Society therefore has the right to implement certain controls to ensure the accuracy of information regarding Parentage, Performance and Estimated Breeding Values.

Information regarding Parentage, Performance and Estimated Breeding Values of animals, as supplied by the breeder, have been verified and compared to the official database of LOGIX BEEF. Bonsmara SA therefore, confirms the accuracy of such information.

To the knowledge of the Society these controls have been carried out accurately. However, the Society does not take any responsibility for incorrect information through printing errors or incorrect information provided by the breeder.

Animals on such sales have been visually screened by Inspectors of Bonsmara SA and comply with the Bonsmara Minimum Breed Standards as stipulated by the Society.

### The Society DOES NOT have any control over:

- Immunization and health status of animals
- Pregnancy status of cows and heifers
- Suitability of a bull for breeding
- Fertility status as well as venereal diseases and
- Commercial animals

Since the above is not classified as information regarding Parentage, Performance and Estimated Breeding Values, it DOES NOT fall within the jurisdiction of the meaning "Under the Auspices of Bonsmara SA".



## VEILINGS ONDER BESKERMING VAN BONSMARA SA

Bonsmara stoetteling wat onderhewig is aan die bepalings van die Veeverbeteringswet, vind plaas onder die vaandel van Bonsmara SA. Daarom behou die Genootskap hom die reg voor om kontroles volgens bepaalde prosedures uit te oefen ten opsigte van Ouerskap inligting, Prestasiedata en Beraamde Teelwaardes.

Ouerskap inligting, Prestasiedata en Beraamde Teelwaardes soos deur die teler voorsien vir die doel van hierdie katalogus, is gekontroleer en vergelyk met die amptelike databasis soos gehou deur LOGIX BEEF. Bonsmara SA bevestig dus die korrektheid van sodanige inligting.

Alhoewel die kontroles na die beste wete van die Genootskap gedoen is, kan die Genootskap egter nie verantwoordelik gehou word vir foutiewe inligting as gevolg van drukkersfoute of verkeerde inligting deur die telers verskaf nie.

Diere wat op hierdie veilings aangebied word, is onderwerp aan 'n proses van visuele inspeksie deur Keurders van Bonsmara SA en voldoen aan die Bonsmara Minimum Rasstandaarde soos bepaal deur die Genootskap.

### Die Genootskap het egter GEEN beheer oor:

- Immunisering en gesondheidstatus van diere
- Dragtigheidstatus van koeie en verse
- Teelgeskiktheid van bulle
- Vrugbaarheidstatus, asook geslagsiektes en
- Kommersiële diere nie.

Aangesien bogenoemde nie val onder die bedoeling met Ouerskap inligting, Prestasiedata en Beraamde Teelwaardes nie, sorteer dit NIE onder die jurisdiksie van die bedoeling "Onder beskerming van Bonsmara SA" nie.



## ANIMAL AND PEDIGREE INFORMATION

**LOT 1** 1 **THE RED CATTLE FARM** 2

3

4 **ABC 150029** 5 2015-02-03 6 SP

10

Parentage Sire Dam

DNA ✓

Genomic ✓

12 2 CO-OWNER(S)  
USED IN HERD

7 DEF 100066 P

8 DEF 050022

9 GHI 070076 HH(c)  
AGE/CALV. 14/10  
AVG. Wt/CALV. 92/10  
ICP 395

11

JKL 000077 P

13 ABC 080011  
AGE/CALV. 13/9  
AVG. Wt/CALV. 105/9  
ICP 417

MNO 030002  
AGE/CALV. 19/10  
AVG. Wt/CALV. 109/10  
ICP 407

- Lot Number
- Owner of the animal
- Herd's logo (if available)
- Animal Identification Number
- Birth date
- Herd book section - NFR / PEN / F0 / A / B / SP
- Four (4) generation pedigree
- Genomic testing - it is indicated with the GT logo
- Polled Status - the status will only be printed for animals that have been tested
- Parentage Verification - a green tick (✓) indicates that the sire and/or dam has been verified via either microsatellite (DNA), or Genomic testing
- QR Code - This code can be scanned with a smart device. It redirects to the animal's information on [www.SABeefBulls.com](http://www.SABeefBulls.com) where all information for the animal is available.
- Number of owners/co-owners/users/semen-users - **if more than 1 user**
- Dam information
  - Age and Number of Calvings
  - Average Wean Index and Number of Calves Weaned
  - Intercalving Period

## MYOSTATIN STATUS

The animal's status, if tested for myostatin variants, is indicated as follows:

- Not Tested
- 0 - Normal
- 1 - Heterozygous / Carrier of Double-Muscling gene
- 2 - Homozygous / Double-Muscled

## LOGIX SELECTION VALUES

| Calving Ease Value | Weaner Calf Value | Fertility Value | Maintenance Value | Cow Value | Growth Value | Carcass Value |
|--------------------|-------------------|-----------------|-------------------|-----------|--------------|---------------|
| 109                | 98                | 111             | 99                | 101       | 98           | 103           |
| 1                  | 2                 | 3               | 4                 | 5         | 6            | 7             |



### 5 L♀ GIX Cow Value

Selection of:

- Fertile cows,
- with low maintenance,
- that calf easily,
- and wean heavy calves

- 1 Calving Ease Value EBVs Birth Direct & Maternal
- Calf Growth Value EBV Wean Direct
- 3 Fertility Value EBVs Cow & Heifer Fertility, EBV Longevity
- Milk Value EBV Wean Maternal
- 4 Maintenance Value EBVs Mature weight & Milk



### 2 L♀ GIX Weaner Calf Value

Selection of:

- Heavier weaning weights,
- with more milk,
- but restricted birth weight



### 7 L♀ GIX Carcass Value

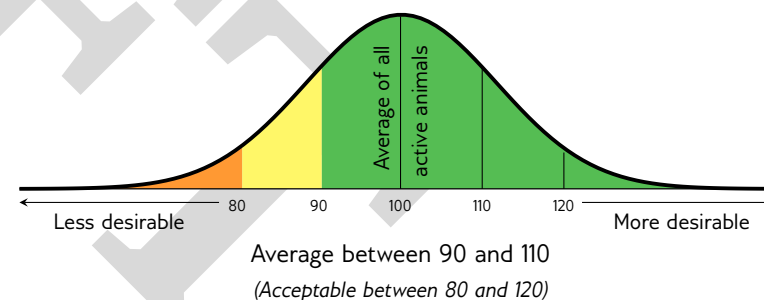
Selection for higher meat yield on carcass



### 6 L♀ GIX Growth Value

Selection of efficient growers on veld & in the feedlot

## INTERPRETATION OF BREEDING VALUE INDICES



## EXPLANATION OF BREEDING VALUES AND SELECTION VALUES

| Traits           |    |                         |       | Description/Measurement                                                                       | Goal                      | General Guidelines |     |        |      |      |        |
|------------------|----|-------------------------|-------|-----------------------------------------------------------------------------------------------|---------------------------|--------------------|-----|--------|------|------|--------|
|                  |    |                         |       |                                                                                               |                           | <80                | <90 | 90-110 | >110 | >120 |        |
| Selection Values | 5  | Cow Value               | CV    | Combination of Calving Ease, Calf Growth, Milk, Maintenance and Fertility Values (Rand-Value) | Profitable Cow            | Loss               |     |        |      |      | Profit |
|                  | 1  | Calving Ease Value      | CEV   | Risk for calving problems (calf too heavy) vs calf too small                                  | Average birth weight      | High               |     |        |      |      | Low    |
|                  |    | Calf Growth Value       | CGrV  | Calf's genetic ability for pre-weaning growth                                                 | Heavy weaner calf         | Light              |     |        |      |      | Heavy  |
|                  |    | Milk Value              | MlkV  | Cow's genetic mothering and milking ability                                                   | Enough milk for the calf  | Less               |     |        |      |      | More   |
|                  | 4  | Maintenance Value       | MntV  | Maintenance requirements of cow (cow weight and milk)                                         | Low cow maintenance       | High               |     |        |      | *    | Low    |
|                  | 3  | Fertility Value         | FertV | Fertility and retention of cows and heifers                                                   | Fertile cows              | Low                |     |        |      |      | High   |
|                  | 2  | Weaner Calf Value       | WnCV  | Combination of calf's weight and cow's milk                                                   | Heavy weaner calves       | Light              |     |        |      |      | Heavy  |
|                  | 6  | Growth Value            | GV    | Efficient growth on veld and in feedlot (Rand-value)                                          | Profitable growth         | Loss               |     |        |      |      | Profit |
| Cow & Heifer     | 7  | Carcass Value           | VarcV | Meat on carcass (Weight and RTU EBVs)                                                         | More meat on the carcass  | Less               |     |        |      |      | More   |
|                  |    | Production Value        | PV    | Combination of Cow- and Growth values (Rand-value)                                            | Profitable animals        | Loss               |     |        |      |      | Profit |
|                  | 8  | Birth Weight Direct     | BD    | Birth weight (Calf's genetic ability)                                                         | Average birth weight      | Heavy              |     |        |      |      | Light  |
|                  |    | Birth Weight Maternal   | BM    | Birth weight (Cow's genetic ability)                                                          | Easy calving              | Heavy              |     |        |      |      | Light  |
|                  | 9  | Weaning Weight Direct   | WD    | Weaning weight (Calf's genetic ability)                                                       | Heavy weaner calves       | Light              |     |        |      |      | Heavy  |
|                  | 10 | Weaning Weight Maternal | WM    | Weaning weight (Cow's genetic ability)                                                        | Good mothers              | Poor               |     |        |      |      | Good   |
|                  | 18 | Mature Cow Weight       | MW    | Cow weight at weaning of first three calves                                                   | Average mature cow weight | Light              |     |        | *    | *    | Heavy  |
|                  |    | Cow-Calf Birth          | CCB   | EBV Birth Direct / EBV Mature Cow weight                                                      | Average                   | Low                |     |        |      |      | High   |
| Fertility        |    | Cow-Calf Wean           | CCW   | EBV Wean Direct / EBV Mature Cow weight                                                       | High calf-cow ratio       | Low                |     |        |      |      | High   |
|                  | 12 | Heifer Fertility        | HF    | Age at first calving                                                                          | Fertile heifers           | Less               |     |        |      |      | More   |
|                  | 13 | Cow Fertility           | CFE   | First 3 inter-calving periods (ICPs)                                                          | Fertile cows              | Less               |     |        |      |      | More   |
|                  | 11 | Scrotal Circumference   | SC    | Scrotal circumference as measured during the growth test                                      | Fertile bulls             | Less               |     |        |      |      | More   |
| Growth & Frame   | 14 | Longevity               | LG    | Retention of progeny                                                                          | Acceptable progeny        | Poor               |     |        |      |      | Good   |
|                  | 15 | Post-Wean Weight        | PWn   | 12- and 18 month weights                                                                      | Good post-wean growth     | Low                |     |        |      | *    | High   |
|                  | 16 | Average Daily Gain      | ADG   | Average daily gain                                                                            | Good growth               | Poor               |     |        |      |      | Good   |
|                  | 17 | Feed Conversion Ratio   | FCR   | 100g feed intake / g weight gain                                                              | Feed efficiency           | Poor               |     |        |      |      | Good   |
|                  |    | Final Test Weight       | FW    | Final weight in the growth test                                                               | Heavy carcass             | Light              |     |        |      | *    | Heavy  |
|                  | 19 | Height                  | H     | Shoulder / Hip height in growth test                                                          | Average height            | Short              |     |        |      |      | Tall   |
|                  | 20 | Length                  | L     | Length in growth test                                                                         | Longer for more muscle    | Short              |     |        |      |      | Long   |
| Carcass          | 24 | Length-Height Ratio     | LH    | EBV Length / EBV Height                                                                       | Longer rather than tall   | <1                 |     |        |      |      | >1     |
|                  | 21 | Eye Muscle Area         | EMA   | RTU measured eye muscle area                                                                  | Bigger steaks             | Small              |     |        |      |      | Big    |
|                  | 22 | Fat Thickness           | Fat   | RTU measured P8 backfat thickness                                                             | Carcass quality           | Thin               |     |        |      |      | Thick  |
|                  | 23 | Marbling                | Mar   | RTU measured % of intra-muscular fat                                                          | Juicy meat                | Low                |     |        |      |      | High   |
|                  |    | Dressing Percentage     | D%    | Carcass weight / Live weight                                                                  | High dressing percentage  | Low                |     |        |      |      | High   |

\* Determined by own selection goal

### GENETIC VALUES - BUILDING BLOCKS

| Calf and Mother |           |           | Fertility    |              |           |         | Post-Wean Growth |     |     | Frame         |        |        | Carcass |     |     |
|-----------------|-----------|-----------|--------------|--------------|-----------|---------|------------------|-----|-----|---------------|--------|--------|---------|-----|-----|
| Birth Dir.      | Wean Dir. | Wean Mat. | Scrot. Circ. | Heifer Fert. | Cow Fert. | Longev. | Post Wean        | ADG | FCR | Mature Weight | Height | Length | EMA     | Fat | Mar |
| 99              | 99        | 90        | 97           | 75           | 92        | 85      | 100              | 94  | 93  | 92            | 123    | 110    | 104     | 100 | 79  |
| 8               | 9         | 10        | 11           | 12           | 13        | 14      | 15               | 16  | 17  | 18            | 19     | 20     | 21      | 22  | 23  |

### PHENOTYPIC VALUES

| Wean Index | 365D Index | 540D Index | ADG Index | FCR Index | Scrotum | LH   |
|------------|------------|------------|-----------|-----------|---------|------|
| 109        | 104        | 105        | 122       | 117       | 327     | 1.22 |
|            |            |            | 16        | 17        | 11      | 24   |

The Logix Selection Values are compiled of specific genetic building blocks, as indicated in the selection value descriptions on the previous page. These genetic building blocks are indicated in the catalogue by their Breeding Value Indices.

- Wean, 365D, 540D, ADG and FCR Indices - phenotypic index obtained within the animal's contemporary group
- Scrotum - adjusted scrotal circumference, in mm, as measured during the growth test
- Length-Height Ratio (LH) - the animal's length / height ratio as measured during the growth test

## COWS WITH CALVES

## LOT 45A MAARTEN BOERDERY TRUST

MBT 100013

2010-03-02  
SPAGE/CALV. 12/10  
AVG. Wt/CALV. 100/7  
ICP 359

Parentage Sire Dam

DNA

Genomic

MBT 070141



CEG 030117

CEG 040128  
AGE/CALV. 13/9  
AVG. Wt/CALV. 101/9  
ICP 407

CEG 990065

CEG 040223  
AGE/CALV. 13/10  
AVG. Wt/CALV. 107/9  
ICP 388CEG 940219  
AGE/CALV. 15/13  
AVG. Wt/CALV. 97/12  
ICP 397

AG 990310

GTR 010020  
AGE/CALV. 15/13  
AVG. Wt/CALV. 98/13

LA 980044

CEG 970190  
AGE/CALV. 13/9  
AVG. Wt/CALV. 105/7

AG 940016

CEG 900001  
AGE/CALV. 10/7  
AVG. Wt/CALV. 106/7

DFP J 0029

CEG 900011  
AGE/CALV. 11/8  
AVG. Wt/CALV. 105/7Calving Ease  
Value  
100Weaner Calf  
Value  
92Fertility  
Value  
105Maintenance  
Value  
84Cow Value  
96Growth  
Value  
99Carcass  
Value  
97

| Calf and Mother |           |           | Fertility  |              |           |         | Post-Wean Growth |     |     | Frame         |        |        | Carcass |     |     |
|-----------------|-----------|-----------|------------|--------------|-----------|---------|------------------|-----|-----|---------------|--------|--------|---------|-----|-----|
| Birth Dir.      | Wean Dir. | Wean Mat. | Scr. Circ. | Heifer Fert. | Cow Fert. | Longev. | Post Wean        | ADG | FCR | Mature Weight | Height | Length | EMA     | Fat | Mar |
| 99              | 93        | 113       | 102        | 96           | 115       | 98      | 92               | 102 | 100 | 117           | 102    | 100    | 105     | 91  | 100 |

| Wean Index | 365D Index | 540D Index | ADG Index | FCR Index | Scrotum | LH |
|------------|------------|------------|-----------|-----------|---------|----|
| 99         | 93         | -          | -         | -         | -       | -  |

| Last Calf  |                |
|------------|----------------|
| Calf ID    | MBT 210228 (M) |
| Birth Date | 2021-10-09     |
| Sire ID    | LAR 130294     |

EBV Analysis: 2022-05-18

| Myostatin |            |
|-----------|------------|
| Q204X     | Not Tested |
| NT821     | Not Tested |
| F94L      | Not Tested |

REMARKS: 3 Maande dragtig van LAR 13-0294

## LOT 45 MAARTEN BOERDERY TRUST

CEG 060012  
2006-03-17  
SPAGE/CALV. 16/14  
AVG. Wt/CALV. 107/13  
ICP 377

Parentage Sire Dam

DNA

Genomic

CEG 030045



AG 990310

CEG 990008  
AGE/CALV. 12/9  
AVG. Wt/CALV. 107/8  
ICP 421

JJF 940056

CEG 980204  
AGE/CALV. 12/9  
AVG. Wt/CALV. 92/9  
ICP 389CEG 920027  
AGE/CALV. 13/10  
AVG. Wt/CALV. 107/10  
ICP 413

AG 950059

AG 960022  
AGE/CALV. 26/2  
AVG. Wt/CALV. 94/2

HOT 970007

CEG 960167  
AGE/CALV. 3/2  
AVG. Wt/CALV. 100/1

JJF N 0090

JJF 900084  
AGE/CALV. 10/8  
AVG. Wt/CALV. 93/7

CEG N 0017

CEG N 0098  
AGE/CALV. 32/3  
AVG. Wt/CALV. 106/2Calving Ease  
Value  
100Weaner Calf  
Value  
99Fertility  
Value  
99Maintenance  
Value  
104Cow Value  
103Growth  
Value  
82Carcass  
Value  
81

| Calf and Mother |           |           | Fertility  |              |           |         | Post-Wean Growth |     |     | Frame         |        |        | Carcass |     |     |
|-----------------|-----------|-----------|------------|--------------|-----------|---------|------------------|-----|-----|---------------|--------|--------|---------|-----|-----|
| Birth Dir.      | Wean Dir. | Wean Mat. | Scr. Circ. | Heifer Fert. | Cow Fert. | Longev. | Post Wean        | ADG | FCR | Mature Weight | Height | Length | EMA     | Fat | Mar |
| 101             | 86        | 129       | 104        | 106          | 93        | 99      | 88               | 86  | 93  | 93            | 97     | 93     | 79      | 100 | 100 |

| Wean Index | 365D Index | 540D Index | ADG Index | FCR Index | Scrotum | LH |
|------------|------------|------------|-----------|-----------|---------|----|
| 96         | 102        | -          | -         | -         | -       | -  |

| Last Calf  |                |
|------------|----------------|
| Calf ID    | MBT 220088 (M) |
| Birth Date | 2022-03-14     |
| Sire ID    | MBT 180014     |

EBV Analysis: 2022-05-18

| Myostatin |            |
|-----------|------------|
| Q204X     | Not Tested |
| NT821     | Not Tested |
| F94L      | Not Tested |

REMARKS:

**DRAGTIGE KOEIE**

**LOT 46A AARFONTEIN BONSMARAS**

**MBT 100216**

2010-09-24  
SP  
OUD/KALW. 11/8  
GEM. SI/KALW. 106/7  
TKP 364

Ouerskap Vaar Moer

DNS

Genomies

HJS 030262



LA 980177

OUD/KALW. 14/12  
GEM. SI/KALW. 105/10  
TKP 379

JHO 980057

HJS 950049

OUD/KALW. 10/8  
GEM. SI/KALW. 107/8  
TKP 365

GB 920056

IVY 900122

OUD/KALW. 16/13  
GEM. SI/KALW. 105/10  
TKP 413

TBR 910704

JHO 940019

OUD/KALW. 6/4  
GEM. SI/KALW. 100/4

HJS 920010

HJS 920164

OUD/KALW. 14/9  
GEM. SI/KALW. 103/7

GB N 0004

GB K 0032

OUD/KALW. 14/8  
GEM. SI/KALW. 103/8

LDW K 0078

IVY K 0047

OUD/KALW. 12/9  
GEM. SI/KALW. 105/9

Geboortegemak  
Waarde  
**95**

Speenkalf  
Waarde  
**120**

Vrugbaarheids-  
waarde  
**105**

Onderhouds-  
waarde  
**113**

Koeiwaarde  
**121**

Groei-  
waarde  
**90**

Karkas-  
waarde  
**103**

| Kalf en Moeder |           |           | Vrugbaarheid |             |             |        | Na-Speen Groei |     |     | Raam        |        |        | Karkas |     |     |
|----------------|-----------|-----------|--------------|-------------|-------------|--------|----------------|-----|-----|-------------|--------|--------|--------|-----|-----|
| Geb. Dir.      | Spn. Dir. | Spn. Mat. | Skr. Omtr.   | Vers Vrugb. | Koei Vrugb. | Lankl. | Na-Speen       | GDT | VOV | Volw. Gewig | Hoogte | Lengte | OSO    | Vet | Mar |
| 98             | 106       | 125       | 97           | 106         | 102         | 99     | 97             | 93  | 98  | 88          | 92     | 103    | 93     | 119 | 101 |

| Spn. Indeks | 365D Indeks | 540D Indeks | GDT Indeks | VOV Indeks | Skrotum | LH |
|-------------|-------------|-------------|------------|------------|---------|----|
| 107         | -           | 106         | -          | -          | -       | -  |

EBV Analiese: 2022-05-18

Miostatien

|       |             |
|-------|-------------|
| Q204X | Nie Getoets |
| NT821 | Nie Getoets |
| F94L  | Nie Getoets |

OPMERKINGS: 4 Maande dragtig van NPT 19-0132

**LOT 46 MAARTEN BOERDERY TRUST**

MBT 080101

2008-04-07  
SP  
OUD/KALW. 14/11  
GEM. SI/KALW. 105/9  
TKP 395

Ouerskap Vaar Moer

DNS

Genomies

HJB 020154



CEG 040123

OUD/KALW. 7/5  
GEM. SI/KALW. 111/4  
TKP 331

RCO 980037

RCO 930080

OUD/KALW. 11/9  
GEM. SI/KALW. 110/8  
TKP 382

SAS 990302

CEG 990202

OUD/KALW. 15/11  
GEM. SI/KALW. 101/11  
TKP 410

TBR 910704

RCO 950238

OUD/KALW. 6/4  
GEM. SI/KALW. 97/3

RCO 900166

RCO 900120

OUD/KALW. 4/2  
GEM. SI/KALW. 134/1

NPT 910040

SAS L 0006

OUD/KALW. 15/14  
GEM. SI/KALW. 102/13

HJS 950149

CEG 960059

OUD/KALW. 9/7  
GEM. SI/KALW. 103/5

Geboortegemak  
Waarde  
**78**

Speenkalf  
Waarde  
**121**

Vrugbaarheids-  
waarde  
**125**

Onderhouds-  
waarde  
**80**

Koeiwaarde  
**125**

Groei-  
waarde  
**114**

Karkas-  
waarde  
**125**

| Kalf en Moeder |           |           | Vrugbaarheid |             |             |        | Na-Speen Groei |     |     | Raam        |        |        | Karkas |     |     |
|----------------|-----------|-----------|--------------|-------------|-------------|--------|----------------|-----|-----|-------------|--------|--------|--------|-----|-----|
| Geb. Dir.      | Spn. Dir. | Spn. Mat. | Skr. Omtr.   | Vers Vrugb. | Koei Vrugb. | Lankl. | Na-Speen       | GDT | VOV | Volw. Gewig | Hoogte | Lengte | OSO    | Vet | Mar |
| 71             | 123       | 120       | 112          | 115         | 132         | 92     | 121            | 114 | 112 | 122         | 122    | 121    | 121    | 104 | 126 |

| Spn. Indeks | 365D Indeks | 540D Indeks | GDT Indeks | VOV Indeks | Skrotum | LH |
|-------------|-------------|-------------|------------|------------|---------|----|
| 116         | 113         | -           | -          | -          | -       | -  |

EBV Analiese: 2022-05-18

Miostatien

|       |             |
|-------|-------------|
| Q204X | Nie Getoets |
| NT821 | Nie Getoets |
| F94L  | Nie Getoets |

OPMERKINGS: 4 Maande dragtig van NPT 19-0132

| Dier Info       |            |     |     | Actual Values |              |           |           |                     |                 | Expected Breeding Values |                |               |               |                |                     |           |             |                 |              |             | Indices |     |            | Dam             |            |             |
|-----------------|------------|-----|-----|---------------|--------------|-----------|-----------|---------------------|-----------------|--------------------------|----------------|---------------|---------------|----------------|---------------------|-----------|-------------|-----------------|--------------|-------------|---------|-----|------------|-----------------|------------|-------------|
| LOT             | Animal ID  | Sex | SEC | Birth Wt (kg) | 205d Wt (kg) | CCB Ratio | CCW Ratio | Length Height Ratio | Scr. Circ. (mm) | Birth Dir (kg)           | Birth Mat (kg) | Wean Dir (kg) | Wean Mat (kg) | Post Wean (kg) | Mature Weight. (kg) | ADG (g/d) | FCR (kg:kg) | Scr. Circ. (mm) | Height. (mm) | Length (mm) | Wean    | ADG | Scr. Circ. | Avg. Wean Index | Nr. Calves | Repr. Index |
| Breed Average   |            |     |     |               |              |           |           |                     |                 | 1.04                     | -0.21          | 13.9          | 3.9           | 23             | 10                  | 100       | -47         | 10.2            |              |             |         |     |            |                 |            |             |
| Auction Average |            |     |     | 36            | 219          | -         | 45.3      | -                   | -               | 1.86                     | -0.18          | 14.8          | 10.0          | 25             | 15                  | 95        | -48         | 13.5            | 4            | 21          | 104     | -   | 104        | 104             | 9.0        | 112         |
| 45A             | MBT 100013 | F   | SP  | 37            | 186          | -         | 45.5      | -                   | -               | 1.12                     | -0.29          | 10.7          | 7.5           | 20             | 28                  | 111       | -47         | 12.2            | 3            | 16          | 99      | -   | 102        | 107             | 10         | 108         |
| 45              | CEG 060012 | F   | SP  | 39            | 196          | -         | 40.6      | -                   | -               | 0.99                     | -0.17          | 7.7           | 12.1          | 16             | 2                   | 35        | -32         | 13.7            | -2           | 6           | 96      | -   | 104        | 92              | 9          | 107         |
| 46A             | MBT 100216 | F   | SP  | 30            | 245          | -         | 47.3      | -                   | -               | 1.29                     | 0.30           | 16.5          | 10.9          | 23             | -4                  | 65        | -42         | 8.1             | -6           | 20          | 107     | -   | 97         | 105             | 12         | 111         |
| 46              | MBT 080101 | F   | SP  | 36            | 228          | -         | 47.7      | -                   | -               | 4.04                     | -0.55          | 24.1          | 9.6           | 42             | 34                  | 168       | -72         | 19.9            | 20           | 43          | 116     | -   | 112        | 111             | 5          | 120         |

## EXPLANATION OF CATALOGUE ABBREVIATIONS

## VERDUIDELIKING VAN KATALOGUS AFKORTINGS

|                                                         |                 |                                                             |
|---------------------------------------------------------|-----------------|-------------------------------------------------------------|
| Lot Number                                              | LOT             | Lot Nommer                                                  |
| Estimated breeding value                                | EBV             | Beraamde teelwaarde                                         |
| Parentage verification                                  | Parentage       | Ouerskap verifikasie                                        |
| Age in years / Number of calvings                       | AGE. / CALV.    | Ouderdom in jaar / Aantal kalwings                          |
| Average Wean index / Number of calves weaned            | Ave WI / CALV.  | Gemiddelde speen indeks / Aantal kalwers gespeen            |
| Animal identification number                            | ID              | Dier se identifikasie nommer                                |
| Herd Book Section                                       | SEC             | Kuddeboek Afdeling                                          |
| Herd Book Section: Pending Registration                 | PEN             | Kuddeboek Afdeling: Wag vir Registrasie                     |
| Herd Book Section: Not for Registration                 | NFR             | Kuddeboek Afdeling: Nie vir Registrasie                     |
| Herd Book Section: Foundation Generation                | FO              | Kuddeboek Afdeling: Fondasie Generasie                      |
| Herd Book Section: Appendix A                           | A               | Kuddeboek Afdeling: Aanhangsel A                            |
| Herd Book Section: Appendix B                           | B               | Kuddeboek Afdeling: Aanhangsel B                            |
| Herd Book Section: Studbook Proper, a registered animal | SP              | Kuddeboek Afdeling: Studbook Proper, 'n geregistreerde dier |
| Genomically Tested                                      | GT              | Genomies Getoets                                            |
| Homozygous Horned (Celtic test)                         | HH(c)           | Homosigoties horings (Celtic toets)                         |
| Homozygous Polled (Celtic test)                         | PP(c)           | Homosigotiets Poena (Celtic toets)                          |
| Heterozygous Polled (Celtic test)                       | Pp(c)           | Heterosigoties Poena (Celtic toets)                         |
| Phenotypically Polled                                   | P               | Fenotopies Poena                                            |
| Intercalving Period                                     | ICP             | Tussen-Kalf Periode                                         |
| Birth Direct breeding value                             | Birth Dir.      | Geboorte Direk teelwaarde                                   |
| Wean Direct breeding value                              | Wean Dir.       | Speen Direk teelwaarde                                      |
| Wean Maternal breeding value                            | Wean Mat.       | Speen Maternaal teelwaarde                                  |
| Scrotal Circumference                                   | Scr. Circ.      | Skrotum omtrek                                              |
| Heifer Fertility                                        | Heifer Fert.    | Vers Vrugb.                                                 |
| Cow Fertility                                           | Cow Fert.       | Koei Vrugb.                                                 |
| Longevity                                               | Longev.         | Lankl.                                                      |
| Mature Weight                                           | Mat. Wt.        | Volw. Gewig                                                 |
| Average Daily Gain (g/day)                              | ADG             | GDT                                                         |
| Feed Conversion Ratio (kg:kg)                           | FCR             | VOV                                                         |
| Eye Muscle Area                                         | EMA             | OSO                                                         |
| Backfat Thickness                                       | Fat             | Vet                                                         |
| Marbeling (intra-muscular fat)                          | Mar             | Mar                                                         |
| 365-day weight index                                    | 365D Index      | 365D Indeks                                                 |
| 540-day weight index                                    | 540D Index      | 540D Indeks                                                 |
| Length-Height ratio                                     | LH              | LH                                                          |
| Actual Birth weight                                     | Birth Wt.       | Geb. gewig                                                  |
| 205-day Dam-age corrected weight                        | 205d Wt.        | 205d gewig                                                  |
| Cow-Calf Birth Ratio                                    | CCG             | KKG                                                         |
| Cow-Calf Wean Ratio                                     | CCW             | KKS                                                         |
| Average Weaning Index                                   | Avg. Wean Index | Gem. Spn. Indeks                                            |
| Number of Calves                                        | Nr. Calves      | Aant. Kalw.                                                 |
| Reproduction Index                                      | Repr. Index     | Repr. Indeks                                                |
| Animal sex: M - Male, F - Female                        | M / F           | M / V                                                       |