

OFFICIAL AUCTION CATALOGUE FOR

# BEST OF BORAN TEST22

**Fire and Wine22**

**07 September 2022**

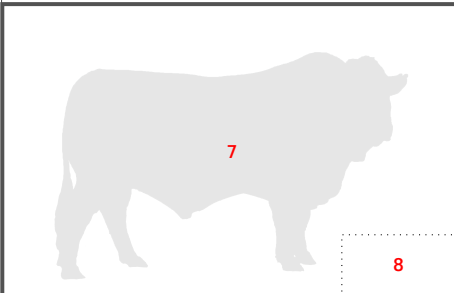
*All Pedigree- and Performance Data is as recorded on LOGIX on 06 September 2022*



## ANIMAL, OWNER AND PEDIGREE INFORMATION

**LOT 1 (M)**

BULL 6

**SUPERBULL BREEDERS**

 Town, Province  
078 737 2855  
super\_bull@webmail.com

**SB 200201 PP(c)**

SUPERBULL'S SUPERSTAR SB 200201

|            |            |
|------------|------------|
| Herd Book  | SP         |
| Birth date | 2020-01-01 |
| Age        | 2y 7m      |
| Inbreeding | 1%         |
| DNA        | ABC001234  |

10 (& 11)

**SB 110001**  
SUPERBULL SB 11 0100

**SB 140007**  
SUPERBULL SB 140007 Pp(c)

**SB 110012 P**  
SUPERBULL SB 110012  
AGE 10 | CALV. 5  
AVG. WI - | WEAN. -  
AFC 32 | ICP 475

**SB 110001**  
SUPERBULL SB 110400

**SB 140010**  
SUPERBULL SB 140010  
AGE 7 | CALV. 6  
AVG. WI 89 | WEAN. 2  
AFC 27 | ICP 366

**SB 060004 Pch**  
SUPERBULL SB 060004  
AGE 13 | CALV. 8  
AVG. WI 105 | WEAN. 7  
AFC 72 | ICP 360

12

13

14

1. Lot Number & sex (mixed lots)
2. Breed's logo
3. GT - animal is genomically tested
4. Animal Identification Number and Name
5. Polled Status
  - Celtic: PP(c)/Pp(c) - polled, HH(c) - horned
  - Phenotypic: P/Pch - polled, HH - horned, SC - scurs
6. Lot Category
7. Animal's photo, or Herd's logo
8. Herd's logo
9. Owner's information
10. Animal's information
  - Owner's current Elite Award
  - Herd book section
  - Birth date
  - Animal's age
  - Animal's inbreeding percentage
  - DNA Number - if available
11. Additional information (only females)
  - Age at first calving
  - Number of calves born
  - Number of calves weaned
  - Average Wean Index
  - Intercalving Period
12. Parentage Verification - a green tick (✓) indicates that the sire and/or dam has been verified via microsatellite (DNA) and/or Genomic testing
13. Dam information
  - Age and Number of Calvings
  - Average Wean Index and Number of Calves Weaned
  - Age at First Calving and Intercalving Period
  - Cow award
14. Four (4) generation pedigree

**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 additional information for the animal is available.



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

### Myostatin Results

- Free - free from double muscling genes
- Carrier - heterozygotic / carrier of one double muscling gene
- D. Muscled - homozygotic / double muscled

## GENETIC VALUES - BUILDING BLOCKS

| Calf and Mother |            |           |           | Fertility  |              |           |         | Post-Wean Growth |     |     | Frame         |        |        | Carcass |     |     |
|-----------------|------------|-----------|-----------|------------|--------------|-----------|---------|------------------|-----|-----|---------------|--------|--------|---------|-----|-----|
| Birth Dir.      | Birth Mat. | Wean Dir. | Wean Mat. | Scr. Circ. | Heifer Fert. | Cow Fert. | Longev. | Post Wean        | ADG | FCR | Mature Weight | Height | Length | EMA     | Fat | Mar |
| 83              | 121        | 130       | 89        | 112        | 84           | 101       | 112     | 125              | 126 | 129 | 113           | 104    | 115    | 149     | 82  | 119 |
| 87%             | 70%        | 83%       | 70%       | 81%        | 68%          | 59%       | 69%     | 72%              | 76% | 80% | 65%           | 81%    | 80%    | 77%     | 74% | 73% |

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

## PHENOTYPIC VALUES

| Birth Weight | 205D Weight | 205D Index | 365D Index | 540D Index | ADG Index | FCR Index | Scrotum | LH   |
|--------------|-------------|------------|------------|------------|-----------|-----------|---------|------|
| 37kg         | 284kg       | 106 (83)   | 103        | 97         | 91        | 92        | 353mm   | 1.20 |

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

## LOGIX SELECTION VALUES

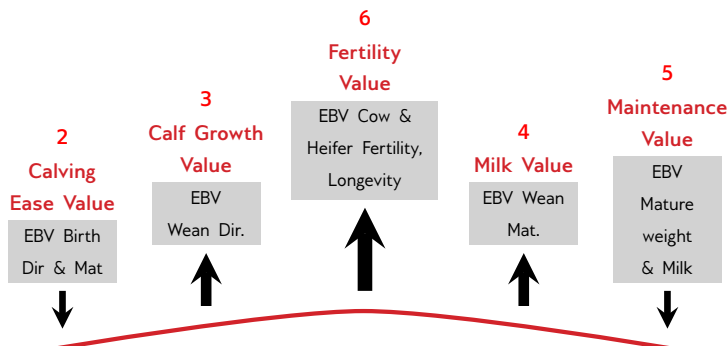
|                         |                    |
|-------------------------|--------------------|
| <b>COW VALUE</b>        | <b>108</b>         |
| 103                     | Calving Ease Value |
| 118                     | Calf Growth Value  |
| 86                      | Milk Value         |
| 80                      | Maintenance Value  |
| 110                     | Fertility Value    |
| <b>GROWTH VALUE</b>     | <b>105</b>         |
| <b>CARCASS VALUE</b>    | <b>110</b>         |
| <b>PRODUCTION VALUE</b> | <b>103</b>         |



### 1 L♀ GIX Cow Value

Selection for:

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



### 7 L♀ GIX Growth Value

Selection for efficient growers on veld & in the feedlot



### 8 L♀ GIX Carcass Value

Selection for higher meat yield on carcass



### 9 L♀ GIX Production Value

Selection for easy-care, Profitable cattle

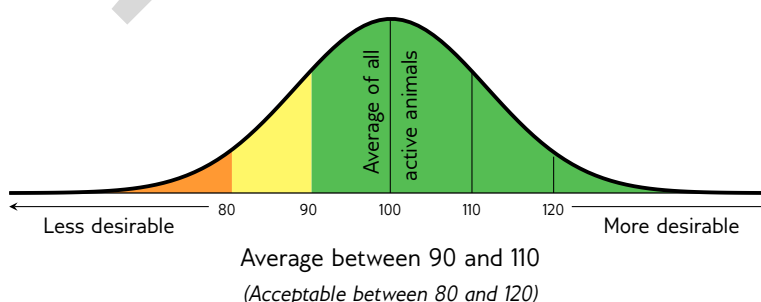
- 80% Cow Value
- 20% Growth Value

## EXPLANATION OF BREEDING VALUES AND SELECTION VALUES

| Traits           |    | Description/Measurement | Goal                                                                                          | General Guidelines       |       |        |      |        |
|------------------|----|-------------------------|-----------------------------------------------------------------------------------------------|--------------------------|-------|--------|------|--------|
|                  |    |                         |                                                                                               | <80                      | <90   | 90-110 | >110 | >120   |
| Selection Values | 1  | Cow Value               | Combination of Calving Ease, Calf Growth, Milk, Maintenance and Fertility Values (Rand-Value) | Profitable Cow           | Loss  |        |      | Profit |
|                  | 2  | Calving Ease Value      | Risk for calving problems (calf too heavy) vs calf too small                                  | Avg. birth weight        | High  |        |      | Low    |
|                  | 3  | Calf Growth Value       | Calf's genetic ability for pre-weaning growth                                                 | Heavy weaner calf        | Light |        |      | Heavy  |
|                  | 4  | Milk Value              | Cow's genetic ability for mothering and milking ability                                       | Enough milk for the calf | Less  |        |      | More   |
|                  | 5  | Maintenance Value       | Maintenance requirements of cow (cow weight and milk)                                         | Low cow maintenance      | High  |        | *    | Low    |
|                  | 6  | Fertility Value         | Fertility and retention of cows and heifers                                                   | Fertile cows             | Low   |        |      | High   |
|                  | 7  | Growth Value            | Efficient growth on veld and in feedlot (R-value)                                             | Profitable growth        | Loss  |        |      | Profit |
|                  | 8  | Carcass Value           | Meat on carcass (Weight and RTU EBVs)                                                         | More meat on the carcass | Less  |        |      | More   |
|                  | 9  | Production Value        | Combination of Cow- and Growth values (R-value)                                               | Profitable animals       | Loss  |        |      | Profit |
| Cow & Heifer     | 10 | Birth Weight Direct     | Birth weight (Calf's genetic ability)                                                         | Avg. birth weight        | Heavy |        |      | Light  |
|                  | 11 | Birth Weight Maternal   | Birth weight (Cow's genetic ability)                                                          | Easy calving             | Heavy |        |      | Light  |
|                  | 12 | Weaning Weight Direct   | Weaning weight (Calf's genetic ability)                                                       | Heavy weaner calves      | Light |        |      | Heavy  |
|                  | 13 | Weaning Weight Maternal | Weaning weight (Cow's genetic ability)                                                        | Good mothers             | Poor  |        |      | Good   |
|                  | 21 | Mature Cow Weight       | Cow weight at weaning of first three calves                                                   | Avg. mature cow weight   | Light |        | *    | Heavy  |
| Fertility        |    | Cow-Calf Birth          | EBV Birth Direct / EBV Mature Cow weight                                                      | Average                  | Low   |        |      | High   |
|                  |    | Cow-Calf Wean           | EBV Wean Direct / EBV Mature Cow weight                                                       | High calf-cow ratio      | Low   |        |      | High   |
|                  | 14 | Heifer Fertility        | Age at first calving                                                                          | Fertile heifers          | Less  |        |      | More   |
|                  | 15 | Cow Fertility           | First 3 inter-calving periods (ICPs)                                                          | Fertile cows             | Less  |        |      | More   |
| Growth & Frame   | 16 | Scrotal Circumference   | As measured during the growth test                                                            | Fertile bulls            | Less  |        |      | More   |
|                  | 17 | Longevity               | Retention of progeny                                                                          | Acceptable progeny       | Poor  |        |      | Good   |
|                  | 18 | Post-Wean Weight        | 12- and 18 month weights                                                                      | Good post-wean growth    | Low   |        |      | High   |
|                  | 19 | Average Daily Gain      | Average daily gain                                                                            | Good growth              | Poor  |        |      | Good   |
|                  | 20 | Feed Conversion Ratio   | 100g feed intake / g weight gain                                                              | Feed efficiency          | Poor  |        |      | Good   |
|                  |    | Final Test Weight       | Final weight in the growth test                                                               | Heavy carcass            | Light |        | *    | Heavy  |
| Carcass          | 22 | Height                  | Shoulder / Hip height in growth test                                                          | Average height           | Short |        |      | Tall   |
|                  | 23 | Length                  | Length in growth test                                                                         | Longer for more muscle   | Short |        |      | Long   |
|                  | 24 | Length-Height Ratio     | EBV Length / EBV Height                                                                       | Longer rather than tall  | <1    |        |      | >1     |
|                  | 25 | Eye Muscle Area         | RTU measured eye muscle area                                                                  | Bigger steaks            | Small |        |      | Big    |
|                  | 26 | Fat Thickness           | RTU measured P8 backfat thickness                                                             | Carcass quality          | Thin  |        |      | Thick  |
|                  | 27 | Marbling                | RTU measured % of intra-muscular fat                                                          | Juicy meat               | Low   |        |      | High   |

\* Determined by own selection goal

## INTERPRETATION OF BREEDING VALUE INDICES



**LOT 1**

COW



**HA 200019**  
CARACIAS HA 200019



**PJ.L. ODENDAAL**

Bella Bella, Limpopo  
0823364763 | heibw@gmail.com  
POSBUS 56184, ARCADIA, PRETORIA, 0007

|            |            |
|------------|------------|
| Herd Book  | SP         |
| Birth date | 2020-08-19 |
| Age        | 2 years    |
| Inbreeding | 3%         |
| DNA        | U4696U016  |

**C 130036**  
BYRNE VALLEY SHOW GUN

|           |      |     |
|-----------|------|-----|
| Parentage | Sire | Dam |
| DNA       | ✓    | ✓   |
| Genomic   |      |     |

**HA 110008**  
CARACIAS GASIRA  
AGE 11 | CALV. 8  
AVG. WI - | WEAN. -  
AFC 32 | ICP 442

**Z 060056**  
HLANZENI Z0656 - TOP GUN

**Z 060015**  
HLANZENI Z0615  
AGE 13 | CALV. 7  
AVG. WI 100 | WEAN. 2  
AFC - | ICP 548

**E 060005**  
TAMBARAINE E 06 05

**B 050078**  
BORGEN B05078  
AGE 14 | CALV. 4  
AVG. WI - | WEAN. -  
AFC 30 | ICP -

**KPO794**  
OL PEJETA 794

**K6K2386**  
MOGWOONI 2386  
AGE 29 | CALV. -  
AVG. WI - | WEAN. -

**25**  
MARULA 25

**4504**  
OL PEJETA 4504  
AGE 25 | CALV. -  
AVG. WI - | WEAN. -

**TLM 020001**  
KETA TLM020001 - BUFFEL

**TLM 000014**  
KETA TLM 00 14  
AGE 15 | CALV. 12  
AVG. WI 111 | WEAN. 6

**1310.LVIII**  
SOLIO 460T

**K6K2386**  
MOGWOONI 2386  
AGE 29 | CALV. -  
AVG. WI - | WEAN. -

**COW VALUE 104**

|     |                    |
|-----|--------------------|
| 101 | Calving Ease Value |
| 95  | Calf Growth Value  |
| 110 | Milk Value         |
| 95  | Maintenance Value  |
| 106 | Fertility Value    |

**GROWTH VALUE -**

**CARCASS VALUE 102**

**PRODUCTION VALUE -**

**LOGIX**  
EBV Analysis 2022-08-18

| Calf and Mother |            |           |           | Fertility  |              |           |         |
|-----------------|------------|-----------|-----------|------------|--------------|-----------|---------|
| Birth Dir.      | Birth Mat. | Wean Dir. | Wean Mat. | Scr. Circ. | Heifer Fert. | Cow Fert. | Longev. |
| 103             | 95         | 95        | 110       | 94         | 106          | 107       | 97      |
| 56%             | 46%        | 33%       | 33%       | 18%        | 37%          | 17%       | 43%     |

| Post-Wean Growth |     |     | Frame         |        |        | Carcass |     |     |
|------------------|-----|-----|---------------|--------|--------|---------|-----|-----|
| Post Wean        | ADG | FCR | Mature Weight | Height | Length | EMA     | Fat | Mar |
| 99               | 102 | -   | 103           | 107    | 106    | 104     | 95  | 102 |
| 18%              | 15% | %   | 18%           | 19%    | 18%    | 11%     | 8%  | 7%  |

| Birth Weight | 205D Weight | 205D Index | 365D Index | 540D Index | ADG Index | FCR Index | Scrotum | LH |
|--------------|-------------|------------|------------|------------|-----------|-----------|---------|----|
| -            | -           | -          | -          | -          | -         | -         | -       | -  |

**Myostatin**

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

**SELLER REMARKS:**