

2018 ROYAL SHOW – INTERBREED CLASSES

DAIRY INTERBREED

Sponsored by SA Stud Book & the Royal Agricultural Society of Natal

CLOSING DATE OF ENTRIES: WEDNESDAY 30 MAY – 12h00

Entry Fee: R50

(Bracketed classes are automatic – no entry fee)

No.

- 1. The best group of five Dairy cattle** owned and bred by the exhibitor
Prize: **R300** presented by **The Royal Agricultural Society of Natal**
 - ❖ **Cattle Committee Floating Trophy** a silver-gilt 'Monteith' Wine Cooler, presented by members of the Cattle Committee to the winner of Class 1

- 2. Club String of four Dairy Cattle** entered by Breed Director and/or Official representative
Prize: **R300** presented by **The Royal Agricultural Society of Natal**
 - ❖ **Lever's Stock Feeds Trophy** a permanent floating trophy to the winner of Class 2

- 3. The best group of three females**, owned by one exhibitor.
Prize: **R300** presented by **The Royal Agricultural Society of Natal**
 - ❖ **'Century' Show Perpetual Floating Trophy**, presented to the winner of Class 3

- (4) Junior Champion Dairy Animal**
Prize: **R500** presented by **The Royal Agricultural Society of Natal**
 - ❖ **Victor Crookes Floating Trophy**, previously for South Devon cow progeny and re-presented in 2013 to the winner of Class 4

- (5) Senior Champion Dairy Animal**
Prize: **R500** presented by **The Royal Agricultural Society of Natal**
 - ❖ **Donald Campbell Trophy** presented by the Natal & East Griqualand Industrial Milk Union for a group from one herd and re-presented in 2013 to the winner of Class 5

- (6) A pair of Grand Champions.** In the event of a bull being the Champion in any dairy breed (which allows the showing of bulls), such bull will go through to the Pair of Champions.
Prize: **R500** presented by **The Royal Agricultural Society of Natal**
 - ❖ **The Lever Bros Trophy**, donated by the Durban & Coast Society of Agriculture and Industry, to the winner of Class (6)

- (7) Most points**, in the Dairy Interbreed Classes
Prize: **R300** presented by **The Royal Agricultural Society of Natal**
 - ❖ **The O'Brien Trophy**, in memory of the late Dr the Hon W J O'Brien OBE, to the winner of Class (7)

- (8) Super Cow.** The winners and runners-up of the Super Cow class in each of the Dairy Breeds to compete on the basis of 70% production and 30% functional appearance score.
Prize: **R1 000** presented by **Stud Book**
 - ❖ **NCD Centenary Floating Trophy**, to the winner of Class (8) & the **Standard Bank Sash**

9. **The best group of 10 cattle of any Dairy Breed**, entered by the Breed Clubs and to be made up of animals owned by at least three exhibitors, except where less than 3 exhibitors are attending the Show.

Prizes: **1st R500**

- ❖ **The Jimmy Foster-Alex Drysdale Perpetual Challenge Trophy**, to the winner of Class 9

CRITERIA FOR DAIRY SUPER COW CLASS

1. Requirements

Cow of any age of which the first three lactations were officially tested. Only these three lactations will be used for this class. If age first calving is less than 24 months, then 24 months is to be used as age of first calving. Only official data from the National Dairy Animal Performance Testing Scheme will be accepted for the calculation of the Production Index.

2. Judging

The class will be judged according to:

- (A) a Randvalue Production Index (PI) corrected for the cow's average ICP
- (B) and a Functional Appearance Index (FAI) in a 70:30 ratio.

- a) The Randvalue Production Index is a function of the cow's average yield for Butterfat and Milk Protein (against the average of the breed) corrected for the average intercalving period (ICP) of the cow and age at 1st calving if over 24 months.

It is calculated as follows –

Randvalue = average butterfat value x 0.35 + average protein value x 0.65

Breed Index = $\frac{\text{Rand value of the Cow} \times 100}{\text{Rand value of the Breed}}$

Group Index (GI) = $\frac{\text{Breed index of Cow} \times 100}{\text{Av. Breed Index for Show Group}}$

Production Index (PI) = GI of the cow x $\frac{365}{\text{Cow's ICP}}$ x $\frac{\text{Show group ave AFC}}{\text{Cow's AFC}}$

ICP = average intercalving period – 21 days for embryo transplant per ICP

AFC = age at first calving

- A maximum of 42 days per ICP are allowed for embryo transplants
- A veterinary certificate must be supplied for each embryo transplant

- b) Functional Appearance index (FAI) is calculated as follows:

FAI = $\frac{\text{functional score for each cow (out of 100)}}{\text{Average functional score for the group}}$

- c) **Final Score** = (PI x 0.7) + (FAI x 0.3)

BEEF INTERBREED

PERFORMANCE TESTED CLASSES

CLOSING DATE OF ENTRIES: TUESDAY 29 MAY – 17H00

Entry Fee: R50

(Bracketed classes are automatic – no entry fee)

- (a) **The classes are restricted to bulls that have been entered in their own breed classes.**
- (b) The classes are restricted to bulls born on or after 2/5/13 that will have completed the test not later than 1/3/2018
- (c) The bulls will be judged 70% on performance and 30% on conformation.
- (d) Bulls showing any sign of functional weakness will be marked down severely.
- (e) Records ***must be available*** for bulls entered in these classes, either through the ARC or handed into the Cattle Office on arrival at the Showgrounds

11. Official Performance Tested Bulls under Phase C

Prize: R500 presented by **The Royal Agricultural Society of Natal**

The minimum performance standards are as follows:

Wean Index 95

ADG Index 100

FCR Index 100

❖ **The 'Stock Owners' Floating Trophy** to the winner of Class 11

12. Official Performance Tested Bulls under Phase D

Prize: R500 presented by **The Royal Agricultural Society of Natal**

The minimum performance standards are as follows:

Wean Index 95

ADG Index 100

FCR Index 100

(13) Super Cow Class

Prize: R1 000 presented by **Stud Book**

Prize: R1 000 presented by **KZN RPO**

PLEASE NOTE: Entry into the Super Cow class may only be the winners and runners-up of the individual Beef Breeds.

❖ **The Melville Oldfield Memorial Floating Trophy** to the winner of Class (13) and the **Standard Bank sash**

(14) Pfizer Bul van die jaar:- Landbouweekblad/BREEDPLAN® Kampioen

Die Pfizer bul van die jaar kombineer prestasie asook visuele beoordeling. Vir die Pfizer bull van die jaar word ses skoue betrek, naamlik Vryburg, Lichtenburg, die Royal, Pretoria, Morreesburg en Windhoek. By die skoue word afsonderlike toekennings **binne elke ras** vir die Pfizer-skoubul gemaak. Daarna word n **algehele** Royal skou bul van die jaar gekies deur die genomineerde interras beoordeelaar. Pryse en sertifikate word by elke skou oorhandig. Die Royal skou wenner kompteer teen die Suider-Afrikaanse toekenning wat een keer per jaar op 'n gala-geleentheid tydens die Vleisbeeskool te Aldam oorhandig word.

Reëls vir die vyf afsonderlike skoue is soos volg:

- 'n Minimum van tien (10) bulle per ras om te kan kwalifiseer (mits jou ras anders besluit het)
- Bulle moet tussen 12 en 36 maande wees om te kwalifiseer
- Net bulle met teelwaardes kwalifiseer
- Beoordelaars punt bulle vir funksionele doeltreffendheid (50% visueel/50% syfers)

Pfizer Bull of the year:- Landbouweekblad/BREEDPLAN® champion

The Pfizer bull of the year combines performance and visual appraisal. The Pfizer bull of the year class is adjudicated at six shows namely Vryburg, Lichtenburg, Royal, Pretoria, Morreesburg and Windhoek. A Pfizer bull is firstly chosen **within breed**. Thereafter a show winner is nominated by the nominated interbreed judge. The show winner competes for the Southern African bull of the year and the prize is announced at a gala function during the Stockmans school at Aldam resort.

Rules of the show are as follows:

- A minimum of ten (10) bulls are required per breed to qualify (unless your breed has chosen otherwise)
- Bulls must be between 10 and 36 months
- Only bulls that have an EBV qualify
- Bulls are scored on functional efficiency (50% visual/50% figures)

THE BEEF GROUP CLASSES

Sponsored by BKB, the Royal Agricultural Society of Natal, KZN RPO and SA Stud Book

CLOSING DATE OF ENTRIES: TUESDAY 29 MAY – 17H00

Entry Fee: R50

(Bracketed classes are automatic – no entry fee)

15. **The best group of four Beef bulls** owned by one exhibitor
Prize: **R300**
 - ❖ **The Shell Trophy** presented by the Shell Company of South Africa Ltd to the winner of Class 15

16. **The best group of four Beef bulls** entered by a Breed Club
Prize: **R300**
 - ❖ **Messrs WE Mottram & Son Floating Trophy**, previously for a group of Africander cattle and re-presented in 2013 to the winner of Class 16

17. **The best group of 2 Beef bulls and 2 Beef females**, owned by one exhibitor
Prize: **R300**
 - ❖ **Union Castle Cup Floating Trophy** presented by the Union Castle Mail Steamship Co Ltd to the winner of Class 17

18. **Best group of five Beef cattle**, representative of both sexes, owned by one exhibitor
Prize: **R300**
 - ❖ **The GS Mitchell-Innes Memorial Trophy**, a silver-gilt Monteith Wine Cooler, presented in memory of the late George Simpson Mitchell-Innes by his sons and daughter to the winner of Class 18

19. **Best group of five Beef cattle**, representative of both sexes, entered by a Breed Club.
Prize: **R300**
 - ❖ **South Devon Breeders Trophy**, previously for a South Devon family group and re-presented in 2013 to the winner of Class 19

20. **A sire-progeny group of four Beef cattle** representative of both sexes owned by one exhibitor.
The name of the sire is to be furnished.
Prize: **R300**
 - ❖ **The D Bruce Evans Trophy** to the winner of Class 20

21. **A dam-progeny group of two Beef cattle** representing either or both sexes owned by one exhibitor. *The name of the dam is to be furnished.*
Prize: **R300**
 - ❖ **The Farmer's Weekly Interbreed Trophy** to the winner of Class 21

- (22) **A pair of Junior Champions for competition in the Beef Breeds**
Prize: **R500**
 - ❖ **BKB Floating Trophy** to the winner of Class (22)

- (23) **A pair of Grand Champions for competition in the Beef Breeds**
Prize: **R500**
 - ❖ **The HW James Perpetual Floating Trophy** to the winner of Class (23)

- 24. The best group of 10 cattle of any Beef Breed**, entered by the Breed Clubs and to be made up of animals owned by at least three exhibitors, except where less than 3 exhibitors are attending the Show.

Prize: **R500**

- ❖ **The TEB Hill Memorial Floating Trophy**, to the winner of Class 24. Presented in memory of TEB's great pleasure derived from his pedigree Beef Cattle.

STALL MAINTENANCE

No entry fee

Prize money: 1st R350

- (25) Stall Maintenance - The Cattle Section Exhibitor**, achieving the best standard of cleanliness and turnout of his/her stalls, cattle, attendants and equipment during the Show period.
- (a) The class will be judged without notification to exhibitors at random times during the Show period.
 - (b) The judge will take into consideration the fact that the standard of the cattle stalls supplied to exhibitors varies from block to block.
 - (c) The dress of exhibitors' employees will only be judged insofar as cleanliness is concerned.
 - (d) Advertising material displayed at the stalls will not be taken into account.
 - (e) Decorations of any sort that are not functional and which have no bearing on the cleanliness and hygiene of the stalls will also not be taken into account.
 - (f) **Exhibitors are prohibited from embellishing the driveways in front of their stalls.**
- ❖ **The 'John Brewitt' Floating Trophy**, presented by the late Mr J R Brewitt, to the winner of Class (25)

CRITERIA FOR BEEF SUPER COW CLASS

(These guidelines are set out by the ARC and the Animal Improvement Institute)

1. Requirements

- a) Cows (any age) which are first calvers before 36 months of age and must have had at least 4 calves.
- b) Weaning indices of at least 3 calves must be available.
- c) The average of all the available indices for her calves must be at least 100. NB only official calving dates and indices from the National Beef Cattle Performance Testing Scheme will be accepted.
- d) The cow calved during the preceding 9 months and the birth was recorded by the relevant Breed Society or must be certified in calf before the day of judging.

2. Judging

- a) The class will be judged according to a Reproduction Index and a Functional appearance using a 70:30 ratio.

- b) The Reproduction Index (R) is a function of the cow's intercalving period (IGP). It is calculated as follows:

$$R1 = \left\{ 200 - \frac{(\text{AV I.C.P. of cow} \times 100)}{\text{Av I.C.P. of group}} \right\} + \text{c.f.} \quad 1$$

Correction factor (c.f.) is two % points (0.166 per month) for every year that the cow is older than 66 months at last calving.

- i) *Please note* – Embryo transfers before first calving and after last calving will not be used for calculation. A maximum of three flushings will be used in calculation, with 56 days flushing deducted from the total intercalving days.
- ii) If a cow has been flushed within the past 12 months the date of flushing must be made known to the judges.
- iii) The birth of twins is considered as a single calving.

- c) The Functional Appearance Index (FAI) is calculated as follows:

$$\text{FAI} = \frac{\text{Functional point of a cow (out of 100)}}{\text{Average functional point of group}} \times \frac{100}{1}$$

- d) The final point for each cow is calculated as follows:

$$\text{Final point} = (\text{G1} \times 0.7) + (\text{FAI} \times 0.3)$$

- e) After the judge has placed the cows according to their functional appearance, the performance data and functional point of the judge for each cow must be made known and the owner of the cow be introduced. *Please note:* The cow's performance data or indices must not be made known to the judge before he has allocated a point to each cow for functional appearance.
- f) Cows entered for this class will not be eligible for group classes, interbreed classes or championship classes except where they qualify in terms of age and are entered for existing individual classes – in which cases cross entries will be allowed.

THE 'STANDARD BANK' AWARDS FOR THE SUPREME CHAMPIONS

Supreme Champion Dairy Animal on Show

- Standard Bank Cash Prize of R4 000, Rosette and Ribbon
- RAS Gold Cup
- Royal Show Medallion and Rosette

Reserve to Supreme Champion Dairy Animal on Show

- Standard Bank Cash Prize of R2 000, Rosette and Ribbon
- The John Simpson Memorial Trophy
- Royal Show Rosette

Supreme Champion Beef Cow on Show

- Standard Bank Cash Prize of R4 000, Rosette and Ribbon
- RAS Gold Cup
- Royal Show Medallion and Rosette

Reserve to Supreme Champion Beef Cow on Show

- Standard Bank Cash Prize of R2 000, Rosette and Ribbon
- The Meadow Feed Floating Trophy
- Royal Show Rosette

Supreme Champion Beef Bull on Show

- Standard Bank Cash Prize of R4 000, Rosette and Ribbon
- RAS Gold Cup
- Royal Show Medallion and Rosette

Reserve to Supreme Champion Beef Bull on Show

- Standard Bank Cash Prize of R2 000, Rosette and Ribbon
- The Sutherland Floating Trophy
- Royal Show Rosette

Note: For the preliminary judging for the Supreme and Reserve Supreme Champions, all cattle that have been awarded a 2018 Show Champion ticket of any sort are required to be brought forward.