

LOGIX BEEF ELITE HERD AWARDS



SA Stud Book is the organization at the forefront of technology in Africa, and our stud animals are bred to be well-adapted and profitable. Logix Elite Herd Awards cover the whole cycle: from measuring cow-calf performance on the farm and post-weaning growth of weaner calves to using genetically superior animals in the herd to breed the next generation. Breeders who use modern technology, such as determining meat quality on live stud bulls, using genomic analyses for accurate parentage determination, or tracking single gene carriers, get credit for that.

The Logix Elite Award identifies the top Elite Stud Herds in South Africa. The awards' requirements are stringent, and the herds that receive awards are outstanding. The top 30% of Stud Herds receive Platinum, Double Gold, or Gold awards. They meet strict requirements as described below. Their animals also have superior performance. Marks are awarded for measurements and the use thereof to increase general profitability.

Table 1: Awards and Requirements

| Awards | | | | | |
|--|-------------|------|---|---|-------------|
| | | | | | |
| Platinum | Double Gold | Gold | Silver | Bronze | Merit |
| Top 10 herds | >80% | >70% | >65% | >60% | >40% |
| ~ Top 10% herds Minimum requirements: <ul style="list-style-type: none"> • Minimum herd size of 100 for DoubleGold/Platinum and 80 for Gold • At least 3 years of stud breeding • Participate in growth tests (>20% of postwn animals in growth test for Double Gold/Platinum) • Silver or better in previous year for Double Gold / Platinum or Bronze or better for Gold | | | ~ Top 20% of all stud herds of all recording breeds | ~ Top 30% of all stud herds of all recording breeds | Merit herds |
| EVALUATION PERIOD | | | | | |
| <ul style="list-style-type: none"> • Unless specified otherwise, all weights and measurements that were recorded between 01 July of the previous year and 30 June of the current year are evaluated. • Parentages of calves born in the previous year (January to December) are evaluated. • Only growth tests that were concluded in the evaluation period, are taken into account. • Data will be evaluated on 1 Augustus. | | | | | |
| EXCLUDED HERDS AND ANIMALS | | | | | |
| <ul style="list-style-type: none"> • Herds that are NOT Production Active on the Logix Animal Recording system. • Herd that have not recorded any births • Suspended herds | | | <ul style="list-style-type: none"> • Embryo calves • Imported animals • FAF (first acceptance) animals | | |

Table 2: Marks awarded for the sections.

| RECORDING | | Marks | %Sect | %Total |
|---------------------------------------|--|--------------|--------------|---------------|
| Mating list | % calves born of which matings were recorded on mating lists | 5 | 3% | 1.7% |
| Parentage | % calves born in 2021 of which the sire and/or dam were verified by DNA | 10 | 7% | 3.3% |
| Genomic testing | Number of active genomically tested animals in herd (1 or more: 5 marks) | 5 | 3% | 1.7% |
| Birth weight | % active calves with birth weights weighed within 3 days after birth | 10 | 7% | 3.3% |
| Dam weight at calving | % dams weighed at calving where calf was weighed within 14 days after birth | 3 | 2% | 1% |
| Weaning weight | % calves weighed at weaning | 30 | 20% | 10% |
| Dam weight at weaning | % dams weighed at weaning on the same date that the calf was weighed. | 18 | 12% | 6% |
| Post-wean weight | % animals with post-wean weights out of the number of weaning weights | 20 | 13% | 6.7% |
| Growth tests | % animals in completed growth tests out of the total number of bulls weaned | 15 | 10% | 5% |
| Intake measurements | % animals with intake measurements out of the total number of bulls weaned | 8 | 5% | 2.7% |
| RTU measurements | % animals with RTU measurements in completed growth tests | 6 | 4% | 2% |
| Herd size | Number of active animals in herd. <5 animals: 0 marks, >1000 animals: 20 marks | 20 | 13% | 6.7% |
| | | 150 | 100% | 50% |
| REPRODUCTION | | | | |
| Heifer fertility | Average age at first calving in the herd. ≤30 months: 10 marks | 10 | 20% | 3.3% |
| Cow fertility | Average ICP between previous 2 calves. ≤365 days: 30 marks. ≥470 days: 0 marks | 30 | 60% | 10% |
| Days since last calving | Herd is penalized for DSLC % animals >365 days.<5%: 5 marks; 30-35%: 2.5 marks; >50%: 0 marks | 5 | 10% | 1.7% |
| Birth Notification | Avg number of days between birth and recorded date on system. <31days: 5 marks; 61-68 days: 2.5 marks; >90 days: 0 marks | 5 | 10% | 1.7% |
| | | 50 | 100% | 16.7% |
| GENETIC MERIT* | | | | |
| Cows | Average Cow Value of active cows older than 2 years. ≤88: 1 mark; ≥113: 50 marks | 50 | 50% | 16.7% |
| Sires | Average Cow Value of sires of calves born in the herd during the past 2 years. | 50 | 50% | 16.7% |
| *Only breeds that receive Cow Values. | | 100 | 100% | 33.3% |