

SA Stud Book

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SA Stud Book and Animal Improvement Association

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SA Stud Book

- Is a private, non-profit association based in South Africa
- **Belongs** to its **members**, namely the breeders' societies
- Members have **direct decision powers** in the services, budget and fees
- Renders services for **63 registered animal breeders' societies**
- Renders recording services for an **additional 25** direct entry **breeds**
- Is a full member of ICAR and **comply to the Certificate of Quality for Herd book and Performance recording and Genetic evaluation.**

SA Stud Book Services

- Full Animal Identification, Herd Book and Pedigree Recording
- Scientific and Technical services
- Data capture, checking, editing and processing
- Generating of reports
- Central Logix database: direct web access, electronic data exchange (farm software and other databases)
- Genetic evaluation, analyses and specialist breeding advice
- Population evaluation, reports and advice
- Cooperation with local and foreign research institutions





HERD BOOK RECORDING (registering authority)



Technical, scientific, field and professional advisory services



Performance (& management)
Recording



Genetic Evaluation

Dairy Cattle

Beef Cattle

Sheep

Goats

Pigs

Horses

Game

Dogs

Other Species



Beef Cattle



Genetic Evaluations are completed for 20 traits between 2 and 4x per year for 18 Breeds

Indigenous breeds:

- Nguni
- Drakensberger
- Afrikaner
- Tuli
- Boran

Composite breeds:

- Bonsmara (global)
- Beefmaster
- Hugenoot
- Afrisim
- Red Poll

British breeds:

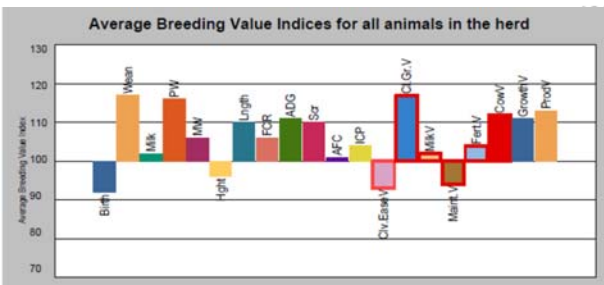
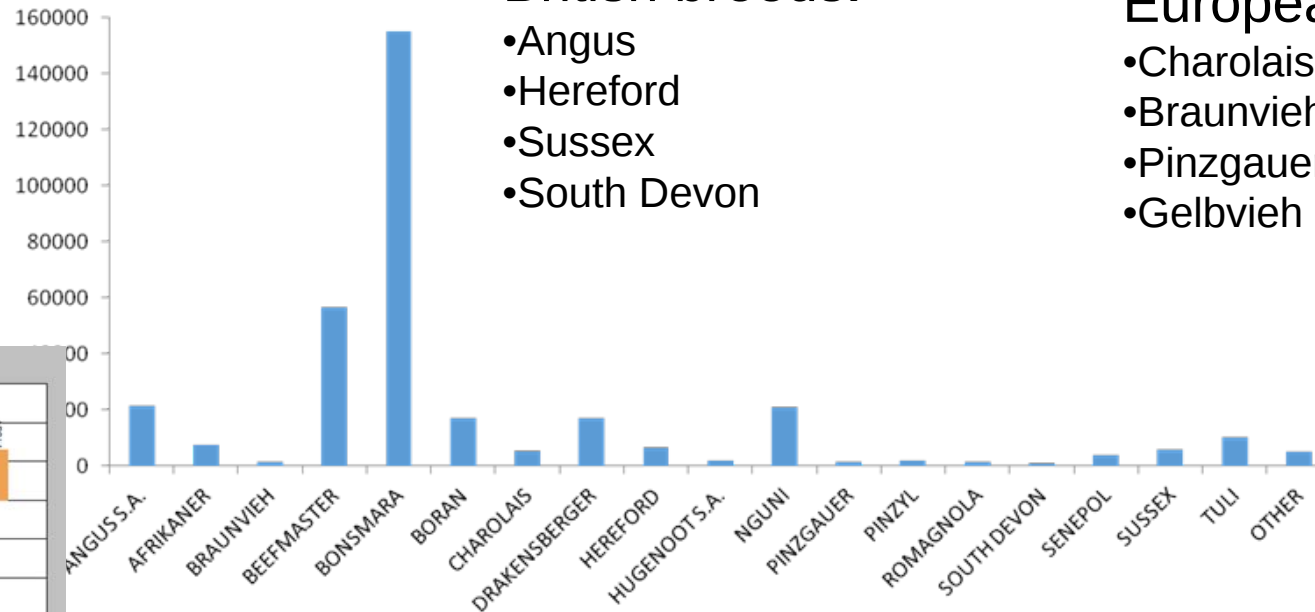
- Angus
- Hereford
- Sussex
- South Devon

European breeds:

- Charolais
- Braunvieh
- Pinzgauer
- Gelbvieh

Selection Values:

- Cow Value
- Growth Value
- Production Value

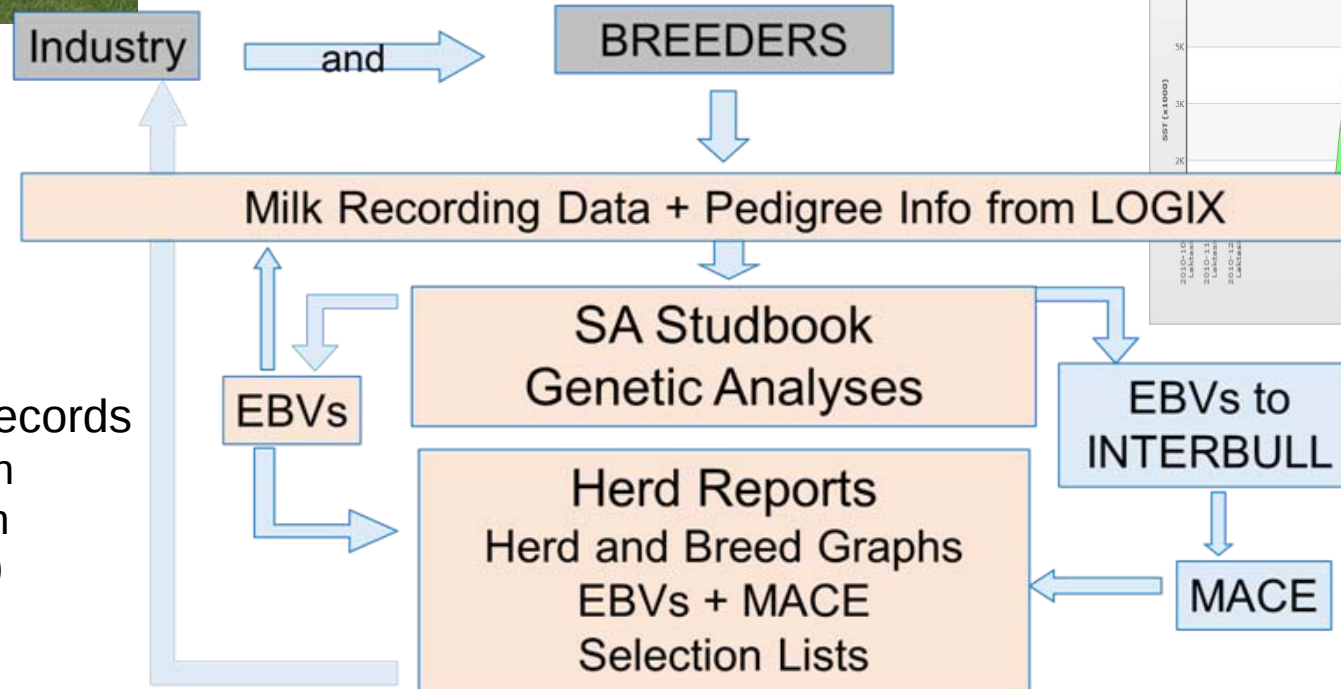
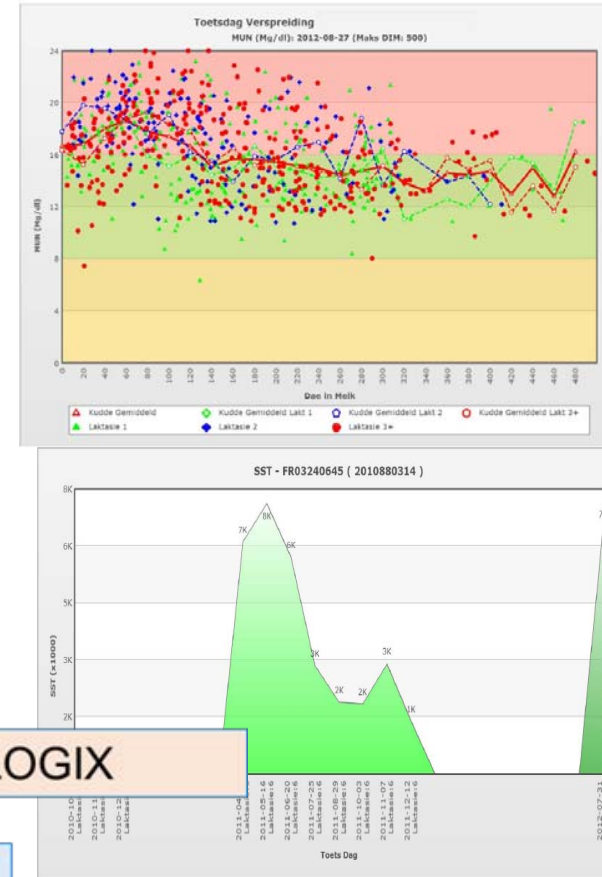


Dairy Cattle



Management Reports

- Production
- Feeding
- General health
- Udder health
- Hygiene
- Functioning of the milking machine



Genetic Evaluation

Breed	Test-day Records
Holstein	10 million
Jersey	4 million
Ayrshire	400 000
Guernsey	170 000
Dairy Swiss	35 000



Small Stock (Sheep and Goats)



Small Stock Breeds

Mutton and Wool breeds

- Dorper
- Boer goat
- Merino
- Mutton Merino
- Dohne Merino
- Indigenous breeds

Traits

- Reproduction
- Ewe productivity
- Growth
- Wool properties

Pigs



Breeds

- SA Landrace
- Duroc
- Large White

Traits

- Number of piglets born
- 21 Day Litter Weight
- Daily gain
- Feed Conversion Ratio
- Back fat (P_2) Thickness
- Bio-economic efficiency



Other Species



Thank you

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