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
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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