



AGRICULTURE AND AGRIBUSINESS

Livestock Production and Herd Management

3 day course

Classroom, online or in-house

Course overview

A herd earns from the animals that reproduce and grow, and carries the ones that do not, so the difference between a profitable and an unprofitable herd is usually a calving percentage nobody was measuring. This course starts with the measurement. Delegates work through herd structure, breeding records and the production indicators that show whether a herd is working: calving percentage, weaning weight, mortality and culling rate. Breeding management follows, covering the breeding season, bull to cow ratio, pregnancy diagnosis and the reasons cows fail to conceive. Nutrition is addressed against production stage, since the requirements of a lactating cow and a dry cow are not comparable. Rangeland and grazing management are covered, including carrying capacity, stocking rate and rotational grazing. Supplementary feeding and the dry season gap are addressed honestly. Growth, finishing and market weight follow. Selection and culling decisions are covered. Record keeping is addressed as the basis for all of it. The course closes on herd budgeting and on drought strategy.

What you will learn

- Measure calving percentage, weaning weight, mortality and culling
- Manage a breeding season including bull ratio and pregnancy diagnosis
- Feed to production stage rather than to a single standard
- Set stocking rate against carrying capacity and rotate grazing
- Plan supplementary feeding through the dry season gap
- Make selection and culling decisions from records
- Budget a herd and hold a drought strategy

Who should attend

- Livestock farm and ranch managers
- Animal production officers and extension staff
- Feedlot and stud operation staff
- Agricultural finance staff appraising livestock loans
- Commercial and communal livestock owners

Course outline

- 01 The calving percentage nobody measured
- 02 Herd structure and production indicators
- 03 Breeding season and bull ratio
- 04 Pregnancy diagnosis and conception failure
- 05 Nutrition by production stage
- 06 Carrying capacity, stocking rate and rotation
- 07 Supplementary feeding and the dry season
- 08 Growth, culling, records, budgeting and drought strategy

Upcoming dates



Dates	Venue	Format	Fee per delegate
21 to 23 October 2026	Nairobi, Kenya	Classroom	USD 995
4 to 6 November 2026	Gaborone, Botswana	Classroom	R14,950
16 to 18 November 2026	Online	Online	R6,500
2 to 4 December 2026	Cape Town, South Africa	Classroom	R14,950

Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriScience.co.za, or WhatsApp us on **+27 63 479 1136**.

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