



AGRICULTURE AND AGRIBUSINESS

Dairy Farm Management and Milk Quality

3 day course

Classroom, online or in-house

Course overview

A dairy is paid on litres and penalised on bacterial count and somatic cells, so the parlour routine and the cow's udder health decide the milk cheque as much as the ration does. This course covers the farm side of milk. Delegates work through lactation curves, persistency and the feeding that supports peak yield without losing body condition. Ration formulation is addressed at farm level, covering forage quality, dry matter intake and the concentrate that is worth feeding. Forage production and conservation follow through silage and hay, with the fermentation and moisture control that determine quality. Milking routine is covered in detail: preparation, let down, unit attachment, over milking and the machine settings that damage teats. Mastitis control is addressed through the somatic cell count, the California mastitis test, dry cow therapy and the culling decision. Milk cooling, hygiene and bacterial count follow. Reproduction and calving interval are covered as the main profit driver. The course closes on calf rearing and on cost of production per litre.

What you will learn

- Feed to the lactation curve without losing body condition
- Formulate a ration from forage quality and dry matter intake
- Produce and conserve silage and hay with controlled fermentation
- Run a milking routine that protects teat condition
- Control mastitis using cell counts, testing and dry cow therapy
- Cool and handle milk to hold bacterial count down
- Manage calving interval, rear calves and cost production per litre

Who should attend

- Dairy farm managers and herdsmen
- Milking parlour staff and supervisors
- Dairy extension and field officers
- Milk collection and quality staff
- Agricultural lenders appraising dairy enterprises

Course outline

- 01 Paid on litres, penalised on quality
- 02 Lactation curve and body condition
- 03 Ration formulation and dry matter intake
- 04 Silage and hay conservation
- 05 Milking routine and machine settings
- 06 Mastitis, cell counts and dry cow therapy
- 07 Milk cooling, hygiene and bacterial count
- 08 Calving interval, calf rearing and cost per litre

Upcoming dates



Dates	Venue	Format	Fee per delegate
28 to 30 October 2026	Johannesburg, South Africa	Classroom	R14,950
4 to 6 November 2026	Maputo, Mozambique	Classroom	USD 995
2 to 4 December 2026	Online	Online	R6,500
14 to 16 December 2026	Pretoria, 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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