



AGRICULTURE AND AGRIBUSINESS

Cotton Production and Ginning

3 day course

Classroom, online or in-house

Course overview

Cotton is sold on fibre properties a grower cannot see, so a crop that looks excellent in the field can be discounted for staple length, micronaire or trash that were determined by decisions made months apart. This course connects the two ends. Delegates work through variety selection against season length and fibre requirement, planting and plant population. Nutrition and water management follow, with their effect on boll retention. Pest management is addressed in detail, since cotton carries a heavy pest load and resistance is a live problem. Growth regulation and defoliation are covered ahead of harvest. Picking is addressed, including contamination, which is the fault African cotton is most often marked down for. Seed cotton storage and moisture follow. Ginning is covered: seed cotton cleaning, the gin stand, lint cleaning and the trade off between trash removal and fibre damage. Fibre testing and classing are addressed. The course closes on baling, on lint marketing and on what the grower is actually paid for.

What you will learn

- Select varieties against season length and fibre requirement
- Manage nutrition and water to hold boll retention
- Control pests while managing resistance
- Apply growth regulation and defoliation before harvest
- Pick and store seed cotton without contamination
- Operate cleaning, gin stand and lint cleaning within damage limits
- Interpret fibre testing and classing, and explain what the grower is paid for

Who should attend

- Cotton growers and farm managers
- Ginnery operators and supervisors
- Classers and fibre laboratory staff
- Extension officers in cotton growing areas
- Merchants and contract farming staff

Course outline

- 01 Sold on properties the grower cannot see
- 02 Variety selection and plant population
- 03 Nutrition, water and boll retention
- 04 Pest management and resistance
- 05 Growth regulation and defoliation
- 06 Picking, contamination and storage
- 07 Gin stand and lint cleaning trade offs
- 08 Fibre testing, classing, baling and marketing

Upcoming dates

Dates	Venue	Format	Fee per delegate
7 to 9 October 2026	Online	Online	R6,500
16 to 18 November 2026	Maputo, Mozambique	Classroom	USD 995
24 to 26 March 2027	Durban, 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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