



AGRICULTURE AND AGRIBUSINESS

Tree Nursery Management and Seedling Production

3 day course

Classroom, online or in-house

Course overview

A nursery decides the performance of a plantation before a single tree reaches the field, because a poorly rooted seedling planted well still fails. This course covers producing plantable stock. Delegates work through nursery siting, layout and water supply. Growing media and container systems are covered, including the root form each produces and the root deformation that condemns a tree years later. Seed handling, pre treatment and germination follow. Vegetative propagation is addressed for clonal material, covering hedge management, cutting collection, setting and rooting conditions. Irrigation and fertigation regimes are covered by growth stage. Hardening off is addressed as the step most often shortened under pressure to deliver. Pest and disease control in the nursery follows, since a nursery concentrates hosts. Grading, culling and dispatch are covered, including the standards a plantable seedling must meet. The course closes on production planning against a planting programme, and on nursery records.

What you will learn

- Site and lay out a nursery with adequate water supply
- Select media and containers that produce sound root form
- Handle, pre treat and germinate tree seed
- Propagate clonal material through hedges, cuttings and rooting
- Irrigate and fertigate by growth stage
- Harden off properly before dispatch
- Grade and cull to a plantable standard, and plan against the planting programme

Who should attend

- Nursery managers and supervisors
- Forestry and horticultural propagation staff
- Plantation managers procuring seedlings
- Extension staff supporting community nurseries
- Research staff producing clonal material

Course outline

- 01 Failure decided before planting
- 02 Nursery siting, layout and water
- 03 Media, containers and root form
- 04 Root deformation and its later cost
- 05 Seed handling, pre treatment and germination
- 06 Clonal hedges, cuttings and rooting
- 07 Irrigation, fertigation and hardening off
- 08 Pest control, grading, dispatch and production planning

Upcoming dates

Dates	Venue	Format	Fee per delegate
11 to 13 January 2027	Johannesburg, South Africa	Classroom	R14,950
1 to 3 February 2027	Kampala, Uganda	Classroom	USD 995
29 to 31 March 2027	Online	Online	R6,500



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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