

# Propagation & Nursery Management

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# **The Science of Propagation**

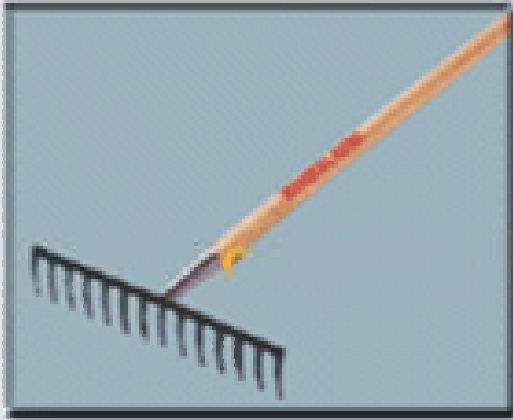
- **knowledge of the principles of plant growth**
- **knowledge of the processes of plant development and their manipulation**
- **knowledge of the sciences associated with plant growth**

# The Technical Skills of Plant Propagation

- **sowing seeds**
- **taking cuttings**
- **grafting**
- **media preparation**
- **manipulation of the environment**



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Level Head & Thatching Rakes





Cultivators & Weeders



Razorsharp / sovereign

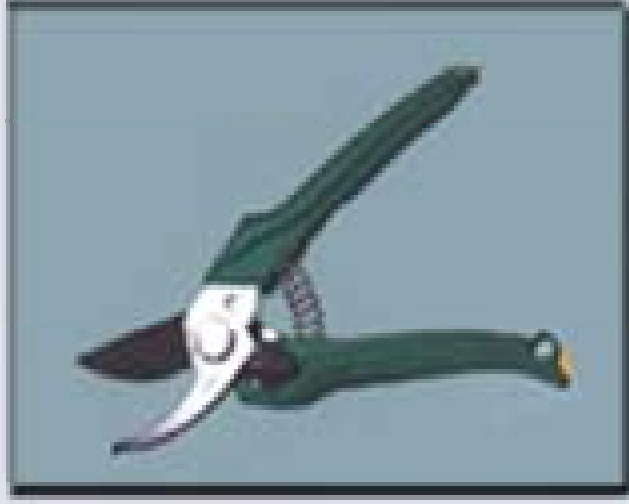


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Hedge Shears

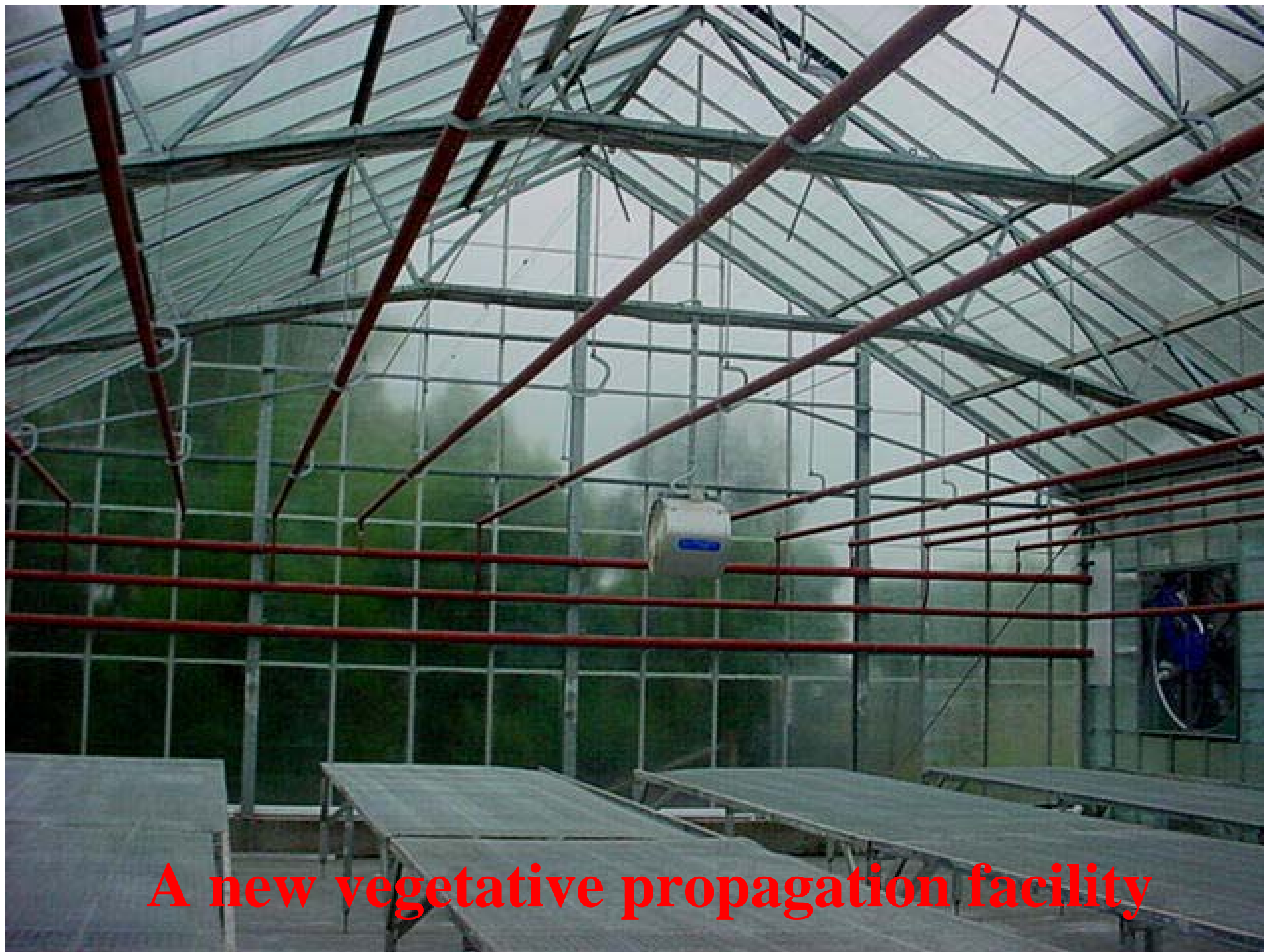


Lopping Shears



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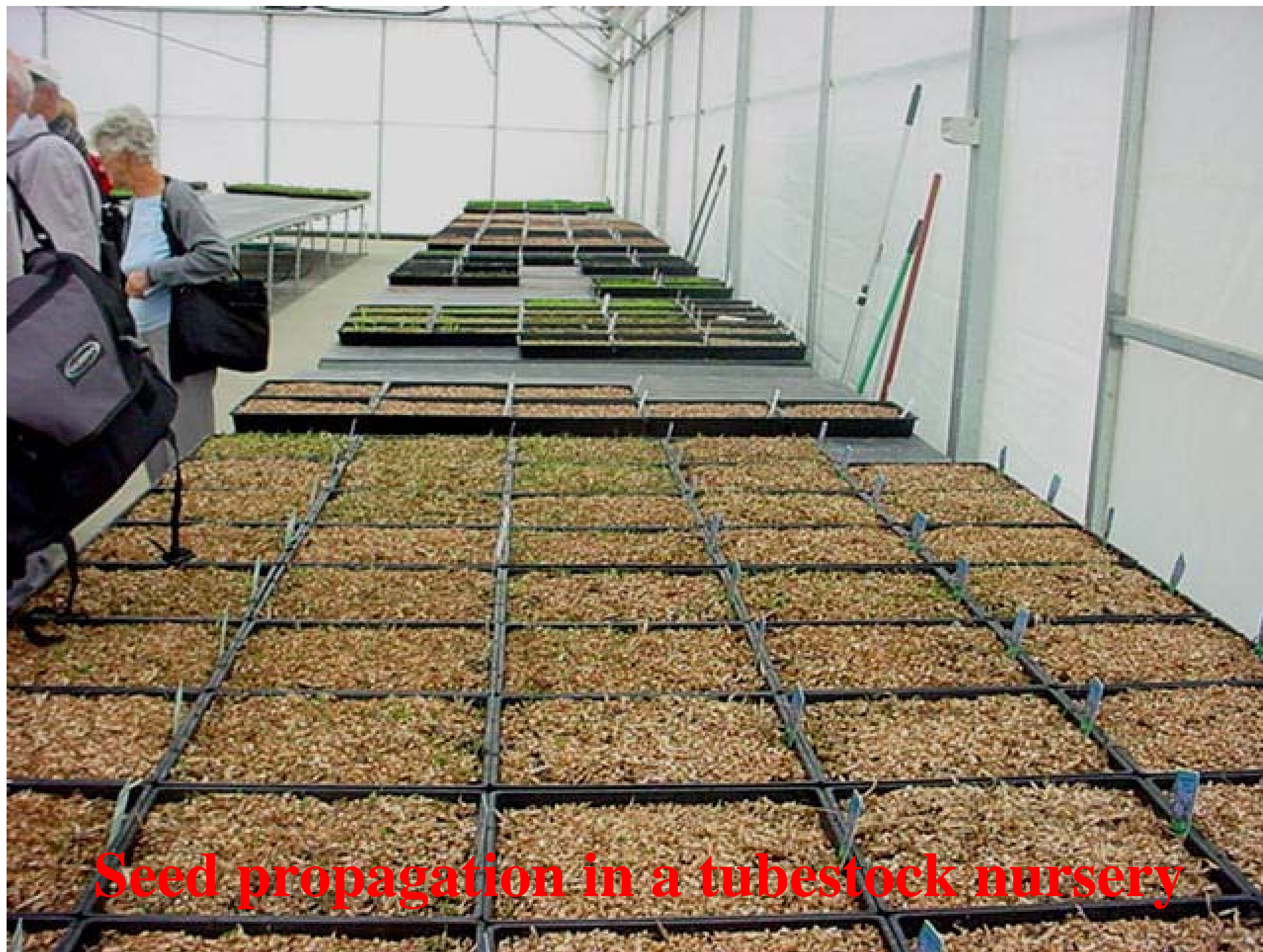


**A new vegetative propagation facility**



**A retractable roof greenhouse**





**Seed propagation in a tubestock nursery**



**A moveable shadescreen system**



**An innovative bench heating system**



**Deflector type mist nozzle**



**Mist propagation under plastic tent**



**Fog Propagation Greenhouse**



**The ultimate in root rot damage**



**Hand watering in a propagation house**





**An overhead travelling boom irrigator**



2004-10-27



2004-10-27



30/11/2004

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2004-12-22

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2005-01-05

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2005-01-05

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2005-01-15

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2005-01-27

















2005-04-20



**Coco Peat – a compressed coconut fibre which is widely used as a peat substitute**



**Media mixing at UQ Gatton Nursery**

Dr. Muhammad S. S. El-Boray



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