

Center for Smart Agriculture Hi Tech Fruit Culture

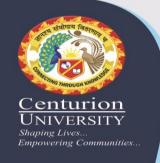


Module 1: Nursery Management

Session 3: Nursery Management in Papaya



- Nursery management in Papaya
- Propagation
- Seed Propagation:
- Propagation of papaya is mostly through seeds.
- However freshly extracted seeds show low germination due to presence of sarco testa.
- Viability of papaya seed can be maintained for 9 months at room temperature when stored in air-tight containers





Seed Propagation



Raising Seedlings in Nursery:

• Seedlings are grown in nursery on raised beds of size 1x2m.

• Seeds are sown at a depth of 1cm in rows spaced at 15cm with 2.5cm spacing within the row.

• Seedlings can also be raised in polythene bags of size 5x7cm.







Raising Seedlings in Nursery



• Before sowing seeds are treated with Thiourea (100-200ppm) and Gibberellic acid (GA at 200ppm) for better germination.

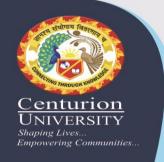
• The beds/bags are immediately watered after sowing. Seeds germinate in 2-3 weeks after sowing.

• Seedlings are ready for transplanting within 45-60 days when they reach a height of 20-25cm.



• The ideal season of transplanting is the beginning of monsoon.

• However, transplanting may be continued from June to November.





Established Papaya Seedlings in the main field



Thank