

EBO-403

HORTICULTURE

Unit-I

- Seed Germination: Methods, Factors and Effect of PGRS and Seedling Vigour index.
- General aspects of Vegetative propagation: Importance, Clone-changes with Age, Chimera.
- General accounts of some Horticulture Plants: Growing practices, propagation, flowering, Packaging and Preservation.
- Green House: Types, Construction and Advantages.

Unit-II

- Propagation by Cutting: Anatomical and Physiological Aspects and Factors, Techniques and Advantages.
- Propagation by Grafting and Budding: Advantages, Anatomical Aspects, Graft, Incompatibility, Physiological Aspects, Technique of Grafting and Budding.
- Propagation by Layering: Anatomical and Physiological Aspects, Factors and types.
- Propagation by Specialized Stem and Roots: Bulbs, Corms, Tubers, Tuberous Roots and Rhizomes.