

Gujarat University, Ahmedabad

Elective Paper: Production Horticulture

Unit-I: Fundamentals of Horticulture

Definition, branches, importance and scope, Classification of Horticultural Crops, Special horticultural practices

Unit-II: Soil and water considerations

Formation of soil, classification, physical and chemical properties. Soil media, nutrients and manuring. Symptoms of excesses and deficiencies of nutrients. Plant growth regulators.

Unit-III: Plant Propagation and Plant Protection

Propagation by specialized structures, nursery based propagation, Role of Biotechnology, pest management, Weed management

Unit-IV: Production, Packaging, Marketing and Conservation

Greenhouse cultivation, Floriculture, Root and tuber crops, Vegetable production, Organic gardening, Containers and packaging techniques, Local and international demand, export standards and potential.

Suggested reading:

1.