

Innovative Nursery Production (IHT-408)

DURATION - 3 WEEKS

Introduction: Importance, Scope and Advantages of Nursery

Seed Sources and Treatment

Quality Seed Sources and Varietal Selection

Seed Handling - Viability

Germination

Vigour and Seed Treatment

Plug Nursery Production

Types of Media Used

Method of Media Preparation

Plug Tray

Sterilization of Trays and Media

Nursery Production under Protected Environment

Nutrition

Fertigation of Nursery in Greenhouse/Protected Structures

Plant Protection

Seedling Treatment

Care and Management

Hardening and Transplanting

Hardening Factors: Light, Temperature, Air, Humidity, Nutrient, Sunshine, Shade, Irrigation

Duration of Hardening

Hardening Structures

Mist Chamber

Greenhouse

Shade Net House

Glass House

Low Tunnel

Hardening Methods

Transplanting Stages

Open Nursery Production

Bed Preparation

Solarization

Fumigation

Mulching

Nutrition

Care of Seedlings

Early Care

Nutrition

Deficiency/toxicity Syndrome

