

Hardening of Ex. Vitro Horticultural Plants (IHT-407)

DURATION - 5 DAYS

COURSE CONTENT

Introduction: Definition and Advantages

Hardening: Types and the Role of Temperature, Humidity etc.

Hardening Procedure of Ex. Vitro Horticultural Plants

Production of Plantlets in Mist Chamber

Greenhouse and Shade Nethouses

Effect of Potting Media

Container Size and Fertilizer Application

Hardening Factors

Light, Temperature, Air, Humidity, Nutrient, Sunshine, Shade, Irrigation

Potting Mixer

Duration of Hardening

Hardening Structures:

Mist Chamber

Greenhouse

Shade Net House

Glass House

Low Tunnel

Nutrition

Requirement of Nutrition

Methods of Application

Deficiency/Toxicity Syndromes