

Soil Health Management (IHT-403)

DURATION - 5 DAYS

Introduction

Principle and Components of Soil Health Management
Definition of Soil Health Management and Its Importance
Soil Fertility and Its Role in Plant Growth and Yield

Properties of Soil

Physical and Chemical
Soil Air and Water
Organic Carbon and pH
Handling of Equipment in Soil Health Management

Plant Nutrients

Macro, Minor and Trace
Role of Bio Fertilizers in Soil Health Management
Role of Soil pH and EC in Crop Regulation and Yield

Soil Analysis

Method and Time
Soil Analysis
How to Read Soil Health Card?
Calculation of Nutrient Requirement
Control of Soil Borne Diseases and Nematodes
Soil Replacement, Amendments and Sterilization

Soil Amendments

Green Manuring
pH Adjustment through Lime and Gypsum
Bio Amendments and Vermicompost
Soil Reclamation

Soil Replacement in Polyhouse

Its Need and Protocol
Soil Water Drainage System in Polyhouse