

Theory:

UNIT I: Importance of Pest and Disease Control in Agriculture; Insect and Disease

UNIT II: Difference between Harmful and Beneficial insects; Difference between Nutrition deficiency and Disease Symptoms.

UNIT III: Classification of Pesticides; New Generation Pesticides; Compatibility of Agro Chemical; Storage pests and their Management; Harmful effect of indiscriminate use of agriculture inputs; Integrated Pest Management.

UNIT IV: Residual Analysis; Precautionary Measures in procurement, handling and application of Chemicals and other agriculture inputs; First Aid.

Practical:**References:**

1. Gupta B L and Paul Y s 2002. Diseases of field crops, Indus publishing company New Delhi.
2. IPM, Hatwal and Dhariwal. Kalyani publishers, New Delhi.
3. Gupta B L and Paul Y S 2002. Diseases of field crops, Indus publishing company New Delhi.
4. IPM, Hatwal and Dhariwal. Kalyani publishers, New Delhi.

Acts, Rules and Regulations in Pesticides and Fertilizers & Extension management GUDA-202
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Theory:

UNIT I: Seed Act; Insecticide Act; Fertilizer Control Order; Essential Commodity Act.

UNIT II: Consumer Protection Act, Food Adulteration Act; APMC Act; Sales Tax /VAT etc.

UNIT III: Benefits of above Acts, Rules and Regulations related to Agriculture Inputs to farmers and for the tradersMajor flagship programs of Central/State Governments related to agricultural development.

UNIT I UNIT IV: Title, Purpose /objectives components, which are eligible beneficiaries and benefits.

Practicals:

References:

Supe S V 2013 A text book of agriculture Agro-tech publishing academy Udaipur.