

Disease of papaya

1. Powdery mildew – *Oidium caricae*



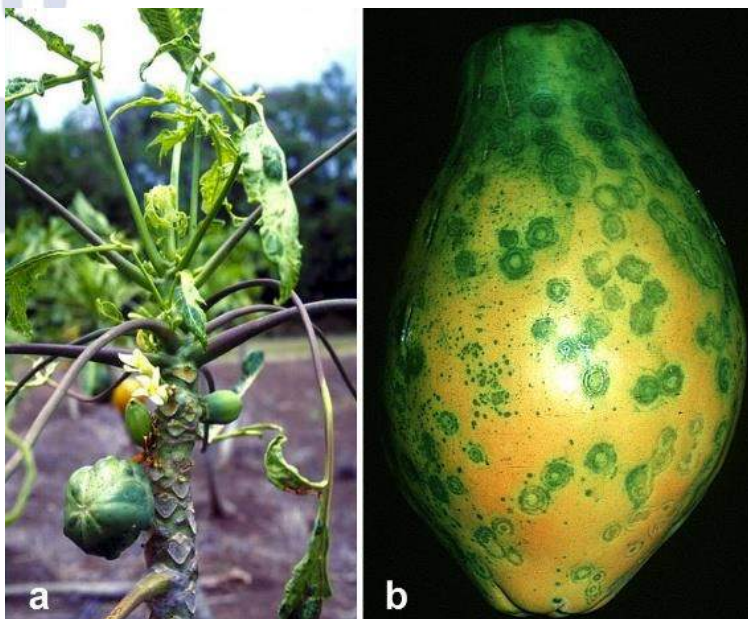
Symptoms

- Mycelia growth appear on the upper surface of the leaf, flower stalks and fruit which causes yellowing and defoliation of leaves.

Management

- Spray Wettable Sulphur 0.25% or Dinocap 0.05% or Chinomethionate 0.1% or Tridemorph 0.1%.

2. Papaya ring spot – Papaya ring spot virus



Symptoms

- Vein clearing, puckering and chlorophyll leaf tissues lobbing in
- leaves roll downward and inwards, mosaic mottling, dark green blisters, leaf distortion which result in shoe string system and stunting of plants.
- On fruits circular concentric rings are produced. If affected earlier no fruit formation.

Management

- Rogue out affected plants immediately on noticing symptoms.
- Do not raise cucurbits around the field.

3. Leaf curl – Papaya leaf curl virus**Symptoms**

- Curling, crinkling and distortion of leaves, reduction of leaf lamina, rolling of leaf margins inward and downward, thickening of veins.
- Plants stunted. Affected plants does not produce flowers and fruits.

Management

- Uproot affected plants. Avoid growing tomato, tobacco near papaya.
- Spraying with systemic insecticides to control the vector.

4. Anthracnose – *Colletotrichum gloeosporioides*



Symptom

- If affect leaf and stem on erotic spots are produced. On fruit initially brown superficial discoloration of the skin develops which are circular and slightly sunken.
- Under humid condition salmon pink spores are released. Fruits mummified and deformed.

Management

- Spray with Carbendazim 0.1% (or) Chlorothalonil 0.2% or Mancozeb 0.2%.

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