

## Management

- Use disease free healthy seeds.
- Spray mancozeb @ 2.5 gm/l at first appearance of the disease followed by a second spray at 10-15 days interval.

## Pod Blight

Reddish brown to dark brown spots appear on the pods. Later on black dot like structures are visible on the shriveled pods.



Symptom of pod blight

## Management

- Use disease free healthy seeds.
- Grow resistant varieties like MAUS 417.

## Aerial Blight or Web Blight

Necrotic spots and blight develop on leaves. web blight infected leaves remain adhered to each other.

## Management

- *Trichoderma* or *Pseudomonas fluorescens* based formulation @ 5 kg/ha or 2.5 kg/ha respectively.
- Crop sanitation should be practiced.
- Follow recommended spacing.

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## Management of Soybean Diseases



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**S**oybean rust, stem rot, frog eye leaf spot and pod blight are the common diseases of which rust causes heavy losses.

### Soybean Rust

Light brown pustules appear on the lower surface of the leaves. Disease normally appears during flowering to pod formation stage (around first week of september). Heavy defoliation occurs due to severe infection.



Symptom of rust on soybean leaf

### Management

- Use early maturing cultivars since they escape infection.
- Moderately resistant or tolerant varieties should be preferred (MAUS 417).
- Two to three sprays of propiconazole @ 1 ml/l at 10-15 days interval starting from the onset of the disease.

### Stem Rot

Patches of dead plants are visible in the field due to attack on the collar region by the fungus. White mycelial strands and brown globose sclerotia are visible on the ground near the infected plants.

Fungal sclerotia at the collar region



### Management

- Removal and destruction of crop debris.
- Use of Trichoderma based formulation @ 5-10 gm/kg for seed treatment and drenching @ 5-10 gm/l

### Frog Eye Leaf Spot

This disease is common on early sown crops. Symptoms include reddish brown circular spots on upper surface of the leaves. Heavy infection results in severe defoliation.

Symptom of frog eye leaf spot of soybean

