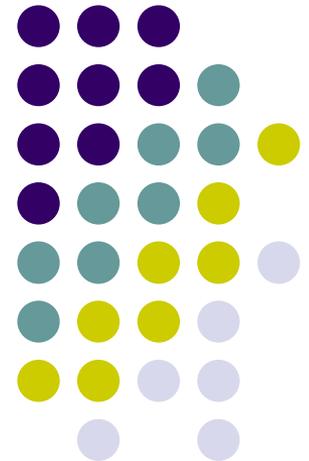
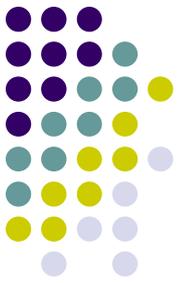


Detection of plant pathogens



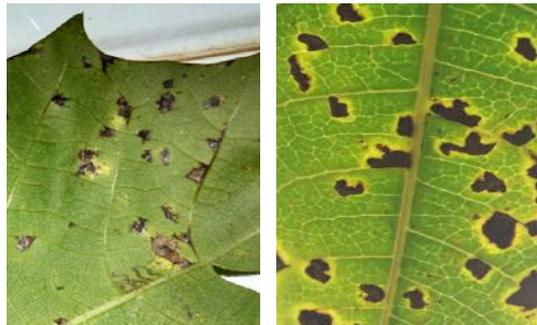
Check for Symptoms and Signs

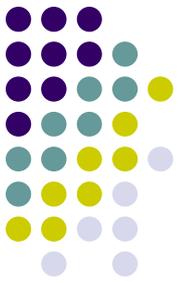


- Commonly Observed Symptoms and Signs
 - Fungal leaf spots



- Bacterial leaf spots

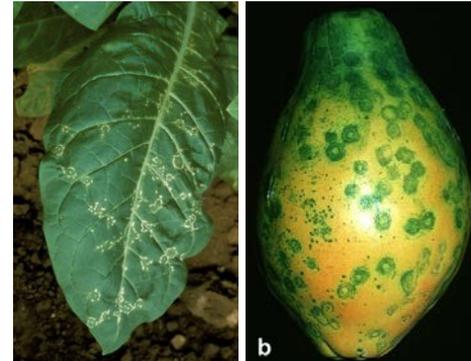


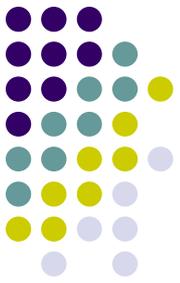


- **Vein clearing and vein banding**



- **Mosaic and Ringspot**





- **Leaf Distortion**





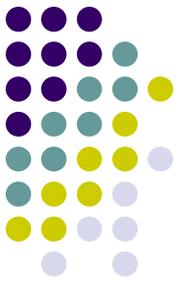
- **Presence of Spores/Spore Structures**





- **Cankers**





- **Fruit Decays and Rots**



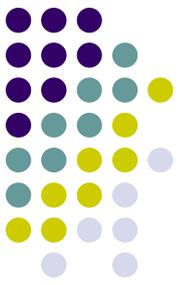


- **Wilts**



- **Shoot dieback or blights**





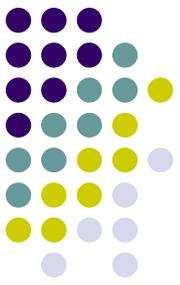
- **Overall Stunting or Decline**



- **Damping-off**



Observation with unaided eyes



- *Sclerotium rolfsii* (Collar rot)



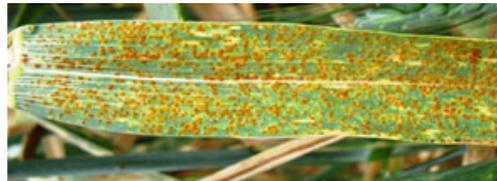
- *Sclerotinia sclerotiorum* (White mold)

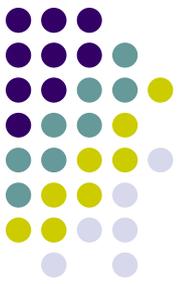


- False smut

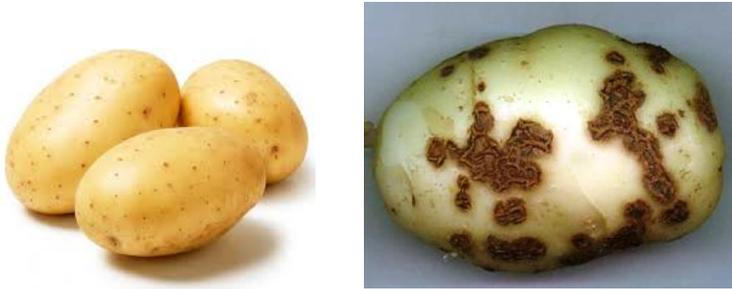


- Wheat rust





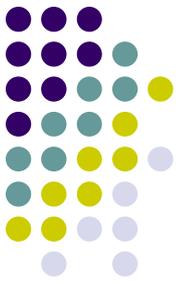
- Common scab of potato



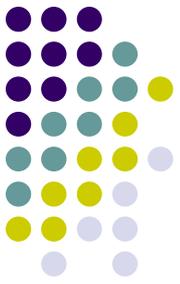
- Bacterial leaf blight of rice



Fusarium wilt



Bacterial leaf spot

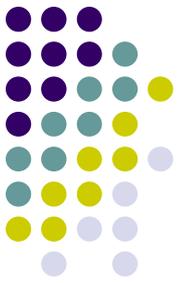


- Mango



- Chilli





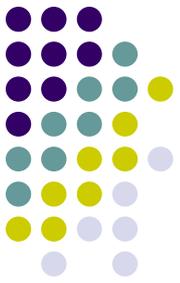
- Bacterial leaf spot



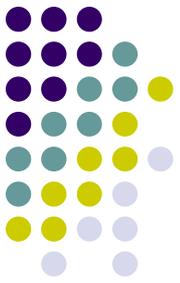
- Cercospora leaf spot



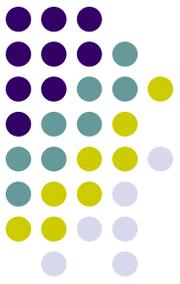
Powdery mildew



Karnal bunt



Viral diseases



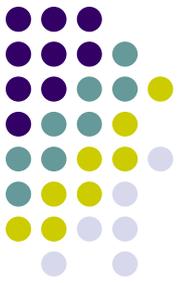
- Mosaic



- Leaf curl



Nematode



- Root knot



- Soybean cyst

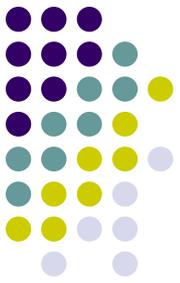
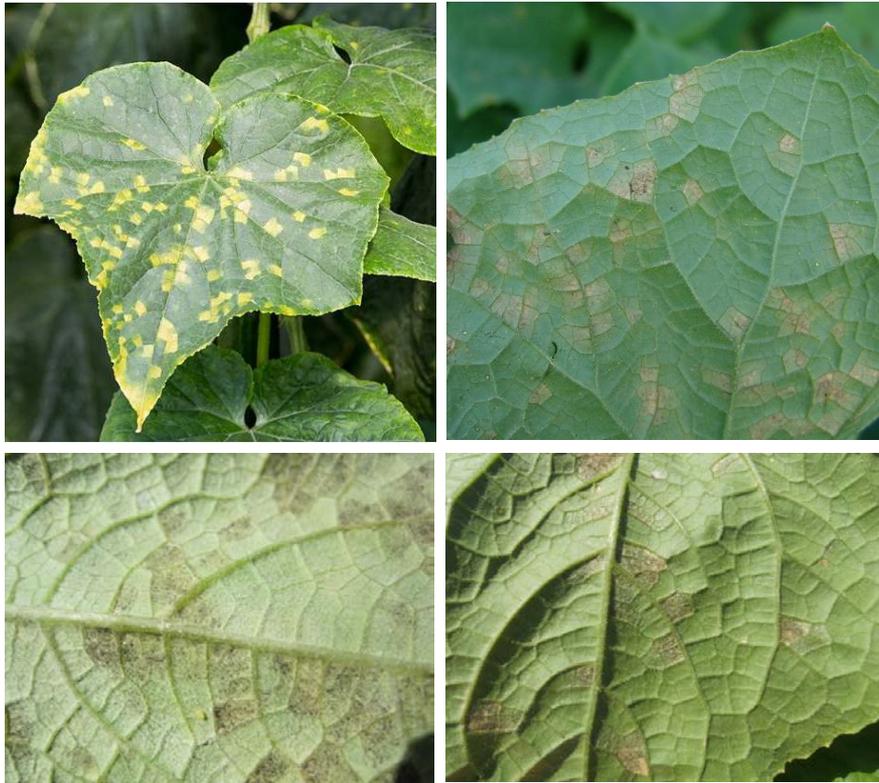


- Root nodules

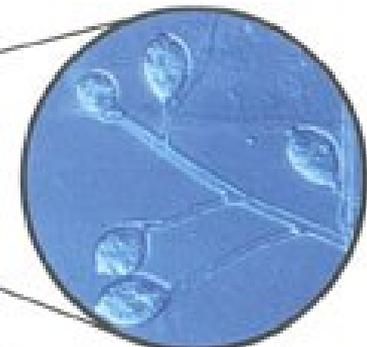
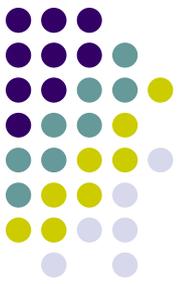


Hand lens

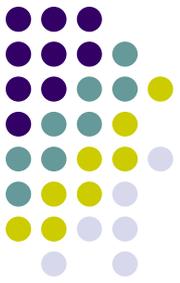
- Downy mildew



Late blight of potato



Early blight of potato



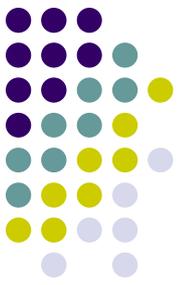
● Early vs.



Late blight



Ooze test (clean/distilled water)



- Bacterial wilt

