Seedling Health Problems

Name the pathogen(s) that cause(s) this disease:

Describe the symptoms of the disease:

Aphanomyces Root Rot

Name the pathogen that causes this disease:

Describe the symptoms of the disease:

Phytophthora Root Rot

Name the pathogen that causes this disease:

Describe the symptoms of the disease:

Violet Root Rot

Name the pathogen that causes this disease:

Describe the symptoms of the disease:

Verticillium Wilt

Name the pathogen that causes this disease:

Describe the symptoms of the disease:
Fusarium Wilt

Name the pathogen that causes this disease:

Describe the symptoms of the disease:

Crown Rots/Decay

Name the pathogen(s) that causes this disease:

Describe the symptoms of the disease:

Spring Black Stem

Name the pathogen that causes this disease:

Describe the symptoms of the disease:

Root Knot Nematode

Name the pathogen that causes this disease:

Describe the symptoms of the disease:

Common Leaf Spot

Name the pathogen that causes this disease:

Describe the symptoms of the disease:
Stemphylium Leaf Spot

Name the pathogen that causes this disease:

Describe the symptoms of the disease:

Downy Mildew

Name the pathogen that causes this disease:

Describe the symptoms of the disease:

Alfalfa Mosaic Virus

Name the pathogen that causes this disease:

Describe the symptoms of the disease:
Brown Stem Rot

What pathogen causes the disease?

Describe the symptoms of the disease:

Sudden Death Syndrome

What pathogen causes the disease?

Describe the symptoms/signs of the disease.

Phytophthora Root Rot

What pathogen causes the disease?

Describe the symptoms of the disease:

Soybean Cyst Nematode (SCN)

What pathogen causes the disease? *Heterodera glycines*

Describe the symptoms/signs of the disease:

Sclerotinia Stem Rot (White Mold)

What pathogen causes this disease?

Describe the symptoms/signs of the disease:
Brown Spot/Septoria Leaf Spot

What pathogen causes brown spot/Septoria leaf spot?

Describe the symptoms/signs of the disease:

Green Stem Syndrome/Soybean Virus Diseases

What pathogen(s) cause(s) this disease?

Describe the symptoms/signs of the disease:
Seedling Rot/Blight

What pathogen(s) cause(s) the disease?

Describe the symptoms of the disease:

Eyespot

What pathogen causes the disease?

Describe the symptoms of the disease:

Tar Spot

What pathogen causes the disease?

Describe the symptoms of the disease:

Northern Corn Leaf Blight

What pathogen causes the disease?

Describe the symptoms of the disease:
Northern Corn Leaf Spot

What pathogen causes the disease?

Describe the symptoms of the disease. Compare and contrast these with the symptoms of northern corn leaf blight:

Gray Leaf Spot

What pathogen causes the disease?

Describe the symptoms of the disease:

Genetic Ringspot

What causes the disease?

Describe the symptoms of the disease:

Gibberella Stalk Rot

What pathogen causes the disease?

Describe the symptoms of the disease:
Anthracnose Stalk Rot

Note: The pathogen that causes this disease also causes leaf blight as well.

What pathogens cause the disease?

Describe the symptoms of the disease:

Root Lesion Nematode

What pathogen causes the disease?

Describe the symptoms of the disease:

Corn Smut

What pathogen causes the disease?

Describe the symptoms of the disease:

Crazy Top

What pathogen causes the disease?

Describe the symptoms of the disease:

How do you prevent/control this disease?
Barley Yellow Dwarf/Red Leaf

What pathogen causes these diseases?

Describe the symptoms of the diseases:

Scab

What pathogen causes the disease?

Describe the symptoms/signs of the disease.

Take-All

What pathogen causes the disease?

Describe the symptoms of the disease:

Eyespot

What pathogen causes the disease?

Describe the symptoms of the disease. Compare and contrast these symptoms with those of take-all.
Smuts

What pathogens cause smut disease?

Loose Smut:
Stinking Smut (Common Bunt):

Describe the symptoms of both types of smuts. Compare and contrast the two diseases:

Powdery Mildew

What pathogen(s) cause(s) powdery mildew?

Describe the symptoms/signs of the disease:

Septoria Leaf Blotch

What pathogen(s) cause(s) the disease?

Describe the symptoms of the disease:

Ergot

What pathogen causes the disease?

Describe the symptoms/signs of the disease:
Rusts

What pathogen(s) cause(s) the disease?

Describe the symptoms of the disease: