

This is a partial list of diseases that we are capable of testing for

Potato Diseases

Verticillium Wilt
Black Dot
Rhizoc
Fusarium Wilt
Pythium
Pink Rot
Late Blight
White Mold
Ring Rot

Verticillium dahliae
Colletotrichum coccodes
Rhizoctonia solani AG-3
Fusarium oxysporum
Pythium ultimum
Phytophthora erythroceptica
Phytophthora infestans
Sclerotinia sclerotiorum
Cornybacterium sepedonicum

PVY
PLRV
PVA
PVM
PVS
PMTV

Potato Virus Y (O, N, NTN)
Potato Leafroll Virus
Potato Virus A
Potato Virus M
Potato Virus S
Potato Mop Top Virus

Nematodes

Small Grain Diseases

Pythium

Pythium ultimum
Pythium irregulare Gr. I
Pythium irregulare Gr. IV
Rhizoctonia solani AG 8
Rhizoctonia oryzae Gr. III

Rhizoctonia Root Rot

Take All
Fusarium Head Blight

Gaeumannomyces graminis var *tritici*
Fusarium avenaceum
Fusarium culmorum
Fusarium graminearum

Nematodes

Sugar Beet Diseases

Pythium*

Pythium ultimum
Pythium irregulare
Pythium aphanidermatum

Fusarium Wilt*

Fusarium oxysporum

Rhizoc*

Rhizoctonia solani AG 2-2

Phytophthora Root Rot*

Phytophthora capsici

Nematodes

**Root rot complex involving Pythium, Rhizoctonia solani, and Fusarium.*

Mint Diseases

Verticillium Wilt

Verticillium dahliae

Rhizoc

Rhizoctonia solani AG-3 & AG- 8

Black Stem Rot

Phoma strasserii

Anthracnose

Spaceloma menthae

Stolon Decay

Fusarium solani

White Mold Stem Rot

Sclerotinia sclerotium

Nematodes

Onion Diseases

Pythium

Pythium ultimum

Pink Root

Phoma terrestris

Rhizoc

Rhizoctonia solani AG-8, AG-4

Nematodes

Corn Diseases

Fusarium Stalk Rot

Fusarium moniliforme

Fusarium proliferatum

Fusarium subglutinans

Pythium Seedling Blight

Pythium ultimum

Pythium Stalk Rot

Pythium aphanidermatum

Red Root Disease

Phoma terrestris w/*Pythium* &

Fusarium

Nematodes

Cotton Diseases

Verticillium Wilt

Verticillium dahliae

Colletotrichum

Colletotrichum gossypii

Fusarium Wilt

Fusarium oxysporum

Pythium

Pythium ultimum

Seedling Disease Complex

Fusarium, *Pythium*, *Rhizoctonia*

Nematodes

Pea Diseases

Aphanomyces Root Rot

Aphanomyces euteiches

Rhizoctonia Root Rot

Rhizoctonia solani AG 2.1

Fusarium Wilt

Fusarium oxysporum

Nematodes

Bean Diseases

Sclerotinia Rot

Sclerotinia sclerotium

Root Rot

Fusarium, *Rhizoctonia*, *Pythium**

Bean Anthracnose

Colletotrichum lindemuthianum

Nematodes

*Complex of *Fusarium solani* fsp *phaseoli*, *Rhizoctonia solani* AG 2-2, *Pythium ultimum* and/or *Pythium debaryanum*

Alfalfa Diseases

Aphanomyces Root Rot
Verticillium wilt (aerial)

Aphanomyces euteiches
Verticillium albo-atrum

Fusarium Wilt
Phytophthora Root Rot
Pythium
Crown Rot**
Nematodes

Fusarium oxysporum
*Phytophthora medicaginis**
Pythium ultimum

*Phytophthora root rot is often associated with *Pythium* and *Aphanomyces*.

**Crown rot of alfalfa is a complex with *Fusarium*, *Phoma*, *Rhizoctonia*, bacteria and nematodes.

Hop Diseases

Powdery Mildew
Downy Mildew
Fusarium Canker
Verticillium Wilt
Sclerotinia Wilt
Black Root Rot
Nematodes

Podosphaera macularis
Pseudoperonospora humuli
Fusarium sambucinum
Verticillium dahliae
Sclerotinia sclerotium
Phytophthora citrocola

Caneberry Diseases

Phytophthora root rot

Phytophthora cryptogea,
P. citrocola, *P. cactorum*,
P. fragariae var. *rubi*

Pythium root rot
Fusarium Wilt
Verticillium Wilt
Armillaria Root Rot
Crown Gall

Pythium ultimum
Fusarium oxysporum
Verticillium dahliae
Armillaria mellea
Rizobium radiobacter, *R. rubi*

Nematodes

Blueberry Diseases

Armillaria Root Rot
Crown Gall
Pythium Root Rot
Phytophthora
Rhizoc
Nematodes

Armillaria mellea
Rhizobium radiobacter
Pythium ultimum, *P. irregulare*
Phytophthora cinnamomi
Rhizoctonia spp.

Apple Replant

Phytophthora Root Rot

Cylindrocarpon
Mushroom Root Rot

Phytophthora cryptogea,
P. cambivora, *P. cactorum*,
P. ultimum, *P. irregulare*
Cylindrocarpon spp
Armillaria mellea, *Clitocybe*
tabescens (A. tabescens)

Nematodes.

Stone Fruit Diseases

Crown Gall

Mushroom Root rot

Nematodes

Agrobacterium tumefaciens
(*Rhizobium radiobacter*)
Armillaria mellea
Clitocybe tabescens (Armillaria
tasbescens)

Turfgrass Diseases

Crown Rot Anthracnose
Anthracnose
Take All
Damping Off

Pythium crown rot/root rot
Brown Patch
Yellow Patch

Colletotrichum cereale
C. graminicola
Gaeumannomyces graminis avenae
Complex w/ *Pythium ultimum*,
Rhizoctonia solani AG 8, *Fusarium*
Pythium graminicola
Rhizoctonia solani AG
Rhizoctonia cerealis

Fusarium blight

*Fusarium culmorum, F. tricinctum,
F. roseum*

Nematodes

Herbaceous Ornamentals

Fusarium Wilt

Fusarium oxysporum

Pythium Root Rot

Pythium ultimum, P. irregulare

Phytophthora Root Rot

Phytophthora spp.

Verticillium Wilt

Verticillium dahliae

Woody Ornamentals

Verticillium Wilt

Verticillium dahliae

Aerial Verticillium Wilt

Verticillium albo-atrum

Phytophthora Root Rot

Phytophthora spp.

Pythium Root Rot

Pythium spp.

Crown Canker (Collar Rot)

Phytophthora cactorum

Cytospora Canker

Cytospora spp.

Crown Gall

Rhizobium radiobacter

Black Knot Disease

*Apiosporina morbosa
(Dibotryon morbosum)*

Nematodes*

*Nematodes are commonly associated with decline of established perennial ornamental plants.