

Listing of Diseases on Some Perennials Chase Research Gardens

Plant (common name)	Disease
<i>Abelmoschus</i>	Xanthomonas & Pseudomonas leaf spots
<i>Achillea</i> (yarrow)	Powdery mildew Rhizoctonia crown rot Rust Crown gall
<i>Ajuga</i> (bugleweed)	Cucumber mosaic virus Southern Blight
<i>Agapanthus</i>	Pythium & Phytophthora root & stem rots
<i>Alcea</i> (hollyhock)	Rust
<i>Aquilegia</i> (columbine)	Impatiens necrotic spot virus
<i>Asclepias</i> (milkweed)	Powdery mildew Stemphylium leaf spot Cucumber mosaic virus Xanthomonas & Pseudomonas leaf spots Rust
<i>Aster</i>	Powdery mildew Crown gall Anthracnose Rhizoctonia crown rot Impatiens necrotic spot virus Fusarium wilt Pythium root rot Aster yellows Rust
<i>Belamcanda</i> (blackberry lily)	Tomato spotted wilt virus Anthracnose
<i>Buddleia</i> (butterfly bush)	Downy mildew Phyllosticta leaf spot Tomato ringspot virus
<i>Campanula</i> (bellflower)	Powdery mildew Botrytis blight Southern blight Rhizoctonia stem rot Erwinia blight Aster yellows Sclerotinia blight
<i>Canna</i>	Rust Xanthomonas leaf spot
<i>Centaurea</i> (Bachelor's button)	Downy mildew Powdery mildew Phytophthora stem rot
<i>Chrysanthemum</i>	Alternaria leaf spot Fusarium stem rot

	Rhizoctonia stem rot Pythium root rot Botrytis blight Septoria leaf spot Anthracnose Powdery mildew
<i>Cleome</i> (spider flower)	Corynespora leaf spot
<i>Clerodendrum</i>	Phyllosticta leaf spot
	Botrytis blight Powdery mildew Corynespora leaf spot
<i>Coreopsis</i>	Pythium root rot Pseudomonas leaf spot
	Downy mildew Powdery mildew Aster yellows Rhizoctonia crown rot Cucumber mosaic virus
<i>Crinum</i>	Stagonospora leaf spot
<i>Crocasmia</i>	Fusarium wilt
<i>Dahlia</i>	Powdery mildew Alternaria leaf spot Tomato spotted wilt virus
<i>Delphinium</i> (larkspur)	Botrytis blight Xanthomonas & Pseudomonas leaf spots Powdery mildew Sclerotinia blight Rhizoctonia damping off Fusarium stem rot Cucumber mosaic virus
<i>Dianthus</i>	Fusarium wilt Heterosporium leaf spot Phytophthora stem rot Rhizoctonia aerial blight Southern blight
<i>Echinacea</i> (cornflower)	Botrytis blight Impatiens necrotic spot virus Sclerotinia blight Southern blight
	Pseudomonas leaf spot
<i>Erisimum</i> (wallflower)	Fusarium wilt Pythium root rot Sclerotinia stem rot Xanthomonas leaf spot
<i>Euryops</i>	Powdery mildew
<i>Gaillardia</i>	Aster yellows

	<ul style="list-style-type: none"> Powdery mildew Xanthomonas & Pseudomonas leaf spots Smut Downy mildew Septoria leaf spot
<i>Galium</i>	<ul style="list-style-type: none"> Downy mildew Pythium root rot
<i>Geranium</i>	<ul style="list-style-type: none"> Rhizoctonia aerial blight Xanthomonas & Pseudomonas leaf spots Downy mildew Botrytis blight
<i>Geum</i>	<ul style="list-style-type: none"> Alternaria leaf spot Downy mildew
<i>Gladiolus</i>	<ul style="list-style-type: none"> Rhizoctonia aerial blight Fusarium wilt & corm rot Stemphylium leaf spot
<i>Helianthus (sunflower)</i>	<ul style="list-style-type: none"> Botrytis blight Crown gall Downy mildew Powdery mildew Rust Rhizoctonia stem rot Sclerotinia blight Smut
<i>Hemerocallis (daylily)</i>	<ul style="list-style-type: none"> Anthracnose Erwinia soft rot Aureobasidium leaf streak
<i>Heuchera (coral bells)</i>	<ul style="list-style-type: none"> Rust Anthracnose Xanthomonas leaf spot
<i>Hosta</i>	<ul style="list-style-type: none"> Powdery mildew Anthracnose Impatiens necrotic spot virus (& other viruses)
<i>Iberis (candytuft)</i>	<ul style="list-style-type: none"> Southern blight Alternaria leaf spot Pythium root rot Downy mildew
<i>Ipomea</i>	<ul style="list-style-type: none"> Xanthomonas leaf spot Pseudomonas leaf spot Edema
<i>Iris</i>	<ul style="list-style-type: none"> Didymellina leaf spot Erwinia soft rot Southern blight Cucumber mosaic virus
<i>Kniphofia (red hot poker)</i>	<ul style="list-style-type: none"> Rust Rhizoctonia stem rot

<i>Lamium</i>	Cercospora leaf spot Phyllosticta leaf spot
<i>Lavandula</i> (lavender)	Phytophthora dieback Phyllosticta blight Pseudomonas leaf spot Botrytis blight
<i>Liatris</i>	Rhizoctonia stem rot Sclerotinia blight Southern blight Botrytis blight
<i>Lilium</i> (lilies)	Botrytis blight Erwinia soft rot Sclerotinia leaf & flower blight Virus
<i>Liriope</i>	Fusarium dieback
<i>Lupinus</i>	Colletotrichum leaf spot Powdery mildew Rhizoctonia aerial blight
<i>Lythrum</i>	Rhizoctonia stem rot
<i>Lychnis</i>	Phyllosticta leaf spot
<i>Malva</i> (mallow)	Crown gall Impatiens necrotic spot virus Rhizoctonia stem rot Rust Xanthomonas leaf spot
<i>Matthiola</i> (stock)	Xanthomonas leaf spot Downy mildew Alternaria leaf spot Erwinia blight Pythium root rot
<i>Mentha</i> (mint)	Powdery mildew Rust Botrytis blight
<i>Mimulus</i> (monkey flower)	Botrytis blight Crown gall Impatiens necrotic spot virus Powdery mildew Pythium root rot
<i>Monarda</i> (beebalm)	Cercospora leaf spot Powdery mildew Southern blight
<i>Moraea</i> (African iris)	Rust
<i>Oenothera</i> (evening primrose)	Cucumber mosaic virus Sclerotinia blight Phytophthora & Cylindrocladium diebacks
<i>Osteospermum</i>	Phytophthora stem rot

	Pseudomonas leaf spot
	Downy mildew
	Botrytis blight
	Sclerotinia stem rot
	Witches broom
<i>Oxalis</i>	Rust
	Rhizoctonia blight
<i>Papaver (poppy)</i>	Botrytis blight
	Powdery mildew
	Pythium root rot
	Verticillium wilt
<i>Penstemon</i>	Alternaria leaf spot
	Anthracnose
	Powdery mildew
	Southern blight
<i>Pentas (star cluster)</i>	Rhizoctonia aerial blight
<i>Phlox</i>	Xanthomonas leaf spot
	Powdery mildew
	Fusarium stem rot
	Botrytis blight
	Sclerotinia blight
	Septoria leaf spot
	Phomopsis dieback
<i>Rosamarinus (rosemary)</i>	Powdery mildew
	Rhizoctonia stem rot
	Botrytis blight
	Pseudomonas leaf spot
<i>Rudbeckia (Black-eyed Susan)</i>	Aster yellows
	Botrytis blight
	Charcoal rot
	Downy mildew
	Powdery mildew
	Pseudomonas leaf spot
	Southern blight
<i>Salvia (sage)</i>	Botrytis blight
	Charcoal rot
	Cucumber mosaic virus
	Powdery mildew
	Corynespora leaf spot
	Alternaria leaf spot
	Rust
	Pseudomonas leaf spot
<i>Scabiosa (pincushion flower)</i>	Rhizoctonia stem rot
	Powdery mildew
	Downy mildew
	Aster yellows

<i>Stokesia</i> (Stokes' aster)	Alternaria & Colletotrichum leaf spots Rhizoctonia aerial blight Tomato spotted wilt virus
<i>Thymus</i> (thyme)	Rhizoctonia crown rot Powdery mildew Southern blight Anthracnose
<i>Verbena</i>	Alternaria & Cercospora leaf spots Black root rot Impatiens necrotic spot virus Powdery mildew Xanthomonas & Pseudomonas leaf spots Botrytis blight
<i>Veronica</i>	Downy mildew Alternaria & Phyllosticta leaf spots Powdery mildew
<i>Viola</i> (violet)	Powdery mildew Rust Scab
<i>Zantedeschia</i> (calla lily)	Southern blight Dasheen mosaic virus Alternaria leaf spot Pseudomonas blight Erwinia soft rot Pythium root rot