

Beech – Beech Leaf Disease

79



(U)CAES

79

Cherry – Shot Hole Leaf Spot

80



(U)CAES

80

Dogwood - Anthracnose

81



(U)CAES

81

Powdery Mildew of Dogwood

82



(U)CAES

82

Elm – Stegophora Black Spot

83



(U)CAES

83

Hawthorn - Anthracnose

84



(U)CAES

84

Hickory – Downy Leaf Spot

85



(U) CAES

85

Hickory – Gnomonia Leaf Spot

86



(U) CAES

86

Hornbeam - Anthracnose

87



(U) CAES

87

Horsechestnut – Leaf Blotch

88



© CAES

88

Magnolia – Powdery Mildew

89



© CAES

89

Maple – Tar Spot

90



Tar Spot of Maple

© CAES

90

Maple – Phyllosticta Leaf Spot

91



(U) CAES

91

Maple - Anthracnose

92



(U) CAES

92

Maple – Powdery Mildew

93



(U) CAES

93

Maple – Frost Damage

94

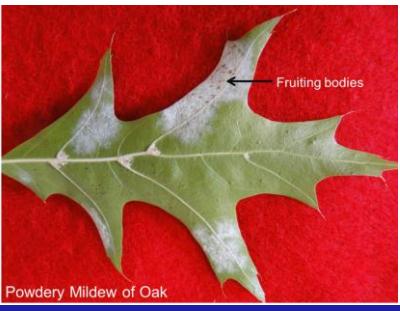


© CAES

94

Oak – Powdery Mildew

95



© CAES

95

Oak – Leaf Blister

96



© CAES

96

Pear – Gymnosporangium Rust

97



(U) CAES

97

Pear – Fabraea Leaf Spot

98



(U) CAES

98

Pear – Powdery Mildew

99



(U) CAES

99

Privet – Alternaria and Cercospora Leaf Spot

100



(U)CAES

100

Rhododendron – Cercospora Leaf Spot

101



(U)CAES

101

Sycamore – Powdery Mildew

102

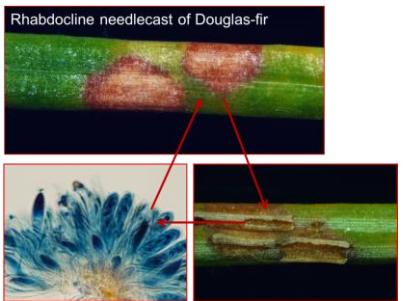


(U)CAES

102

Douglas Fir - Rhabdocline Needle Cast

103

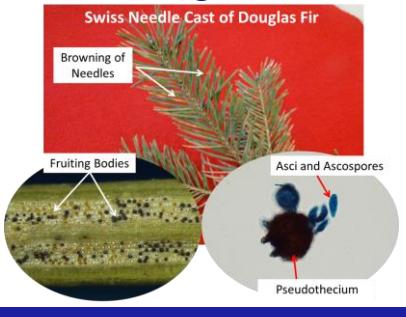


©CAES

103

Douglas Fir - Swiss Needlecast

104



©CAES

104

White Pine - Dooks Needle Cast

105



©CAES

105

White Pine – Septorioides Needle Blight

106



106

Pine - Lophodermium Needle Cast

107



(CAES)

107

Spruce - Rhizosphaera Needle Cast

108



(CAES)

108

Spruce – Needle Rust

109



(U)CAES

109

Development of Foliage Diseases

110

- Over-winter in infected leaves (needles), dormant buds, and alternate hosts
- Transmitted by wind, rain-splash, and insects
- Rainy wet weather conditions in the spring or summer
- Poor air circulation and high relative humidity
- Environmental stress

(U)CAES

110

Management of Foliage Diseases

111

- Plant resistant species and varieties
- Maintain tree vigor
- Rake and remove fallen leaves (needles)
- Adequate spacing
- Proper pruning
- Fungicide application - preventative

(U)CAES

111

Apple - Fire Blight

112



(U) CAES

112

Boxwood – Boxwood Blight

113



(U) CAES

113

Boxwood – Volutella blight

114



(U) CAES

114

Boxwood – *Colletotrichum* Dieback

115



(U) CAES

115

Boxwood – Winter Injury

116



(U) CAES

116

Cherry – Brown Rot

117



(U) CAES

117

Cherry – Winter Injury

118



(U) CAES

118

Lilac – Bacterial Blight

119



(U) CAES

119

Arborvitae – Pestalotiopsis Needle Blight

120



(U) CAES

120