



# DISEASES



Comandra plant; host plant for Comandra Blister Rust



**Item Name:** Alcohol Flux on mimosa

**Date:** 6/18/98

**City/Area:** Prescott, AZ

**Description of Conditions:** Found on stressed mimosa and willow trees; white froth, acidic & nearly colorless; often has pleasant fermentative odor.

**Management:** Good cultural practices; proper watering in growing season and winter.



**Item Name:** Botrytis on tomato stem

**Date:** 6/30/01

**City/Area:** Yavapai County, AZ

**Description of Conditions:** Greenhouse with hydroponic tomatoes.

**Management:** Use fungicide labeled for tomatoes.



**Item Name:** Dwarf Mistletoe on Ponderosa Pine

**Date:** 4/16/02

**City/Area:** Prescott, AZ

**Description of Conditions:** A parasite whose seeds are explosively released and then travel up to 40 ft. In northern AZ, affects Ponderosa pine, Pinyon pine, Douglas fir, true fir. Infections cause branch swelling, reduced growth, dieback, abnormal proliferation of small branches (witches brooms).

**Management:** Prune infected branches or remove infected trees or increase spacing between infected trees.





## DISEASES



**Item Name:** Curly Top Virus on Tomato

**Date:** 7/25/01

**City/Area:** Camp Verde, AZ

**Description of Conditions:** Field grown tomatoes.

**Management:** Protect young plant from beet leafhoppers using fabric or remay following a wet spring. Remove infected plants.



**Item Name:** Sycamore Anthracnose

**Date:** 8/2/04

**City/Area:** Prescott, AZ

**Description of Conditions:** Fungal disease favors cool spring weather; rarely causes permanent damage.

**Management:** No effective fungicide available. Cannot control during current season; rake and dispose of fallen leaves & twigs during growing season and in the fall. Avoid irrigation that wets the leaves.



**Item Name:** *Gymnosporangium* (Cedar-Apple) Rust on Hawthorn

**Date:** 7/24/01

**City/Area:** Prescott, AZ

**Description of Conditions:** Growing on Hawthorn in landscape planting.

**Management:** None recommended. Fungicides are used where commercial apple orchards are affected. The alternate host is *Juniperus* sp. and removal is impractical.



# DISEASES



**ItemName:** *Gymnosporangium* (Cedar-Apple) Rust on Juniper

**Date:** 4/26/04

**City/Area:** Prescott, AZ

**Description of Conditions:** Found on Juniper

**Management:** Avoid overhead irrigation in summer months. Removal is impractical.



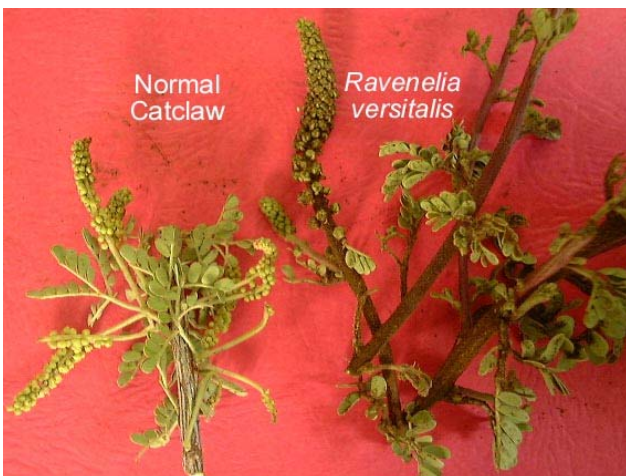
**Item Name:** Oleander gall

**Date:** 6/11/98

**City/Area:** Verde Valley, AZ

**Description of Conditions:** Common circumstance: bacterium enter wound on plant, then there is a spring freeze followed by rain. Normally will not kill plant.

**Management:** Prune infected parts.



**Item Name:** Rust: *Ravenelia versitalis* on catclaw

**Date:** 7/26/2000

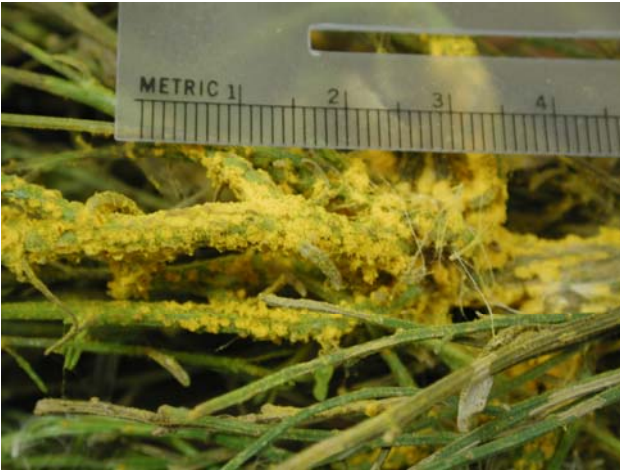
**City/Area:** Camp Verde, Cottonwood, Sedona, AZ

**Description of Conditions:** Growing on catclaw (Acacia) in native stands.

**Management:** None recommended.



## DISEASES



**Item Name:** Rust fungus on desert broom *Puccinia evadens*

**Date:** 11/18/05

**City/Area:** Prescott, AZ

**Description of Conditions:** Attacks leaves and stems; requires surface moisture to establish; dry spores are spread by wind.

**Management:** Prune infected parts.



COLLEGE OF AGRICULTURE & LIFE SCIENCES

Cooperative  
Extension

Yavapai County

# DISEASES