

# Resistant Apple Varieties



*Cedar-apple rust* is caused by a fungus that affects both apple and cedar trees. This plant disease can exist anywhere the two types of trees coexist and is more prolific in wet seasons.

On cedar trees, the fungus develops as galls that release spores spread by the wind to apple trees. Infected apple-tree leaves will have yellow spots in mid-summer that then turn orange or red, and can develop tube-like structures on their undersides. Damaged leaves have a reduced ability to gather sunlight and nutrients and may drop early, diminishing the apple tree's health and fruit production.



*Rust spots on apple leaves*



*Rust galls on a cedar tree*

Several varieties of apples are resistant to cedar-apple rust:

- Baldwin
- Empire
- Enterprise
- Granny Smith
- Gravenstein Holly
- Jersey Mac
- Liberty
- Milton
- Molly's Delicious
- Priscilla
- Pristine
- Red Delicious
- Redfree
- Winesap
- Yellow Transparent