



ROSACEAE FAMILY

Is a family composed of some 2,500 species in more than 90 genera.

The placement of the Rosaceae Family in the Plant Kingdom hierarchy is below the Order of Rosales.



Members of Rosaceae are generally:

Woody plants

Shrubs

Small to medium-size trees

Some are armed with thorns, spines, or prickles.



Most of the 2500 species have:

Alternate Leaves

Branch Leaf Venation

Petals in multiples of five or four

Placing them in the DICOT category



These species make the Rosaceae a most important economic group

Trees: Apples, Pears, Cherries, Peaches, Apricots, Plums, Almonds

Bushes: Strawberries, Blackberries, Raspberries, Loganberries

Ornamentals: Roses

For example: in 2021 Crop Value In California
of Almonds \$5.03 billion
of Strawberries \$3.02 billion
of Roses \$12.2 billion



Sample of Tree Diseases

Shot Hole, Powdery Mildew, Rust, Apple Scab, Fire Blight,

Sample of Tree Pests

Thrips, Husk Fly, Stink bugs, Lygus bugs, Calacoris, Boxelder bugs.
Aphids

Sample of Rose Diseases

Hormonal: Rose Phyllody

Fungal: Powdery Mildew, Downey Mildew, Rust, Black Spot, Anthracnose

Viral: Mosaic (RMD), Rosette (RRD), Spring Dwarf (RSD)

Pests: Sawfly larvae / Rose slugs, Spider Mites

Cane Diseases

Fungal: Botrytis Blight aka Gray Mold

Adventitious roots: Suckers