

## PHENOLOGY OBSERVATIONS DECIDUOUS TREES AND SHRUBS

When did you observe?

Date

Which plant did you observe?

Common Name or Scientific Name

**Plant Nickname** e.g. Backyard Lily.  
This helps you make another observation on this plant in the future.

Where did you make your observation?  
Provide address OR latitude/longitude.

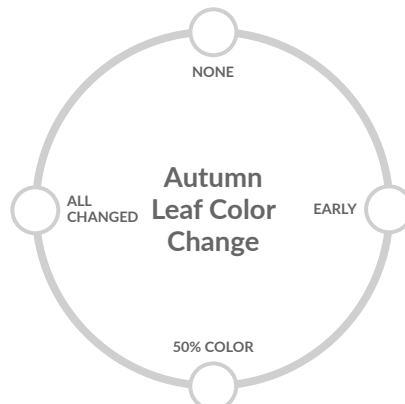
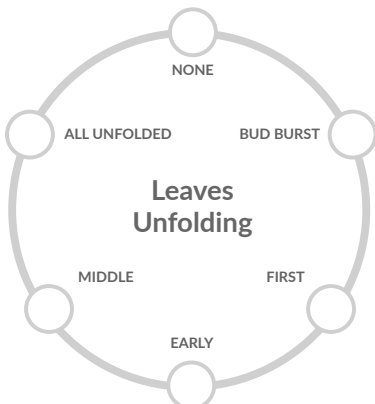
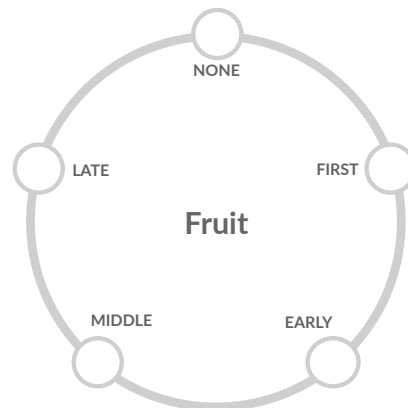
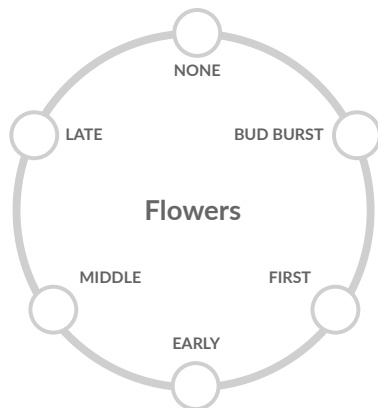
Address

City, State/Province, Postal code

Latitude

Longitude

What is your plant doing? Check the most applicable option for **each** category below.





### Leaves Unfolding

**None** - No new leaves visible.

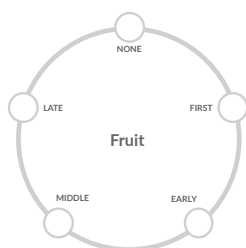
**Bud Burst** - Protective scale coating is shed from the bud, exposing tender new growth of one or more leaves.

**First** - First leaves are completely unfolded from the bud on at least three branches. Leaves need to be opened completely (flat) and the leaf stem or base must be visible (you might need to bend the leaf backwards to see those).

**Early** - Only a few leaves have unfolded from the buds (less than 5%).

**Middle** - Half or more leaves have unfolded from the buds.

**All Unfolded** - All or most leaves are fully unfolded.



### Fruit

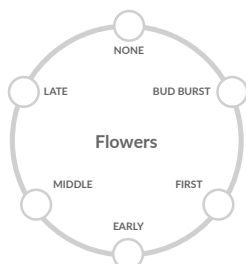
**None** - No ripe fruits or seeds visible.

**First** - First fruits become fully ripe or seeds drop naturally from the plant on three or more branches. Ripening is often indicated by a change to the mature color or by drying and splitting open.

**Early** - Only a few ripe fruits or seeds are visible (less than 5%).

**Middle** - Half or more branches have fully ripe fruit or the seeds are dropping naturally from the plant. If fruits are in clusters or stalks, then record when at least one fruit is ripe on at least half of the branches.

**Late** - Most fruits or seeds have been dispersed from plant (over 95%).



### Flowers

**None** - No flowers or pollen visible.

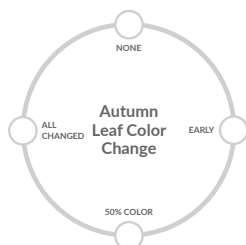
**Bud Burst** - Flower sepals, the protective bud scales, have shed from the bud, exposing tender new growth tissues of one or more flower buds.

**First** - First flowers are fully open (stamens/pistils are visible) on at least three branches. When open, flowers on wind-pollinated trees and shrubs will release yellow dust-like pollen when touched.

**Early** - Only a few flowers have emerged (less than 5%) or pollen is just starting to disperse.

**Middle** - Half or more of the flowers are fully open or releasing pollen on three or more branches.

**Late** - Most flowers have wilted or fallen off (over 95%) or most pollen has fallen.



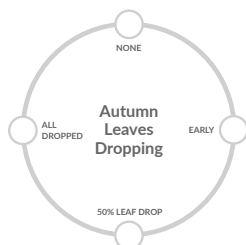
### Autumn Leaf Color Change

**None** - No leaves have changed color.

**Early** - Only a few leaves have changed color (less than 5%).

**50 Percent Color** - Half or more of the branches have leaves that have started to change color.

**All Changed** - All or most leaves have changed color.



### Autumn Leaves Dropping

**None** - No leaves have dropped.

**Early** - Only a few leaves have dropped (less than 5%).

**50 Percent Leaf Drop** - Half or more of the leaves have fallen off the tree or shrub.

**All Dropped** - All or most leaves have dropped.