

Rosa sp.

(Rose)

One of the oldest cultivated ornamentals, Rosa is a genus with over 100 species and thousands of cultivated varieties. Roses are woody shrubs or rambling climbers. They are either deciduous, evergreen or semi-evergreen, and all have stems lined with sharp woody thorns. Roses have been grown for their beauty, food, perfume and medicine for nearly 5000 years. Rose cultivation hit a higher level of intensity in Victorian times and today scores of new, often patented, varieties are introduced each year. Rose habit and size varies widely. They can be shrub forming, upright, climbing or scrambling and large or miniature. All have compound leaves that are most commonly glossy and dark to medium green, Most lose their leaves each season, but some are evergreen. Bloom time is variable. Most old cultivars of European heritage bloom with intensity for a short window of time in spring, summer or fall, depending on origin. Everyone is familiar with rose flowers. They are either single, semi-double or double and species, with sweet fragrance. Flower color varies widely and comes in hues of red, orange, yellow, pink, lavender, white and coral with many bicolors. The fruit is a berry-like hip, which is edible, high in vitamin C and used for tea and sometimes compotes or jam. Rose-hips also provide important winter food to wildlife. Roses prefer full to partial sun, moderate temperatures and perfectly drained, slightly acid soil with average to good fertility. They often grow best in places with slightly dry climates, because such climates disfavor the fungal diseases that plague roses. Roses are a landscape must—particularly newer disease resistant ever-blooming cultivars. Beyond landscape use, roses are used for perfume, medicine and food by cultures worldwide.



Plant Image

Landscape Information

French Name: Rosier

Arabic Name: روز

Pronunciation: RO-sa species

Plant Type: Shrub

Origin: Europe, Asia

Heat Zones: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

Hardiness Zones: 5, 6, 7, 8, 9, 10, 11

Uses: Screen, Hedge, Container, Edible, Wildlife, Reclamation

Size/Shape

Growth Rate: Moderate

Tree Shape: Spreading

Canopy Symmetry: Irregular

Canopy Density: Medium

Canopy Texture: Coarse

Height at Maturity: 1.5 to 3 m

Spread at Maturity: 1.5 to 3 meters

Time to Ultimate Height: 2 to 5 Years

Rosa sp.

(Rose)



Flower Image

Botanical Description

Foliage

Leaf Arrangement: Alternate

Leaf Venation: Pinnate

Leaf Persistence: Deciduous

Leaf Type: Odd Pinnately compound

Leaf Blade: 5 - 10 cm

Leaf Shape: Ovate

Leaf Margins: Serrate

Leaf Textures: Rough

Leaf Scent: No Fragrance

Color(growing season): Green

Color(changing season): Yellow

Flower

Flower Showiness: False

Flower Size Range: 10 - 20

Flower Type: Solitary

Flower Sexuality: Monoecious (Bisexual)

Flower Scent: Pleasant

Flower Color: Yellow, Orange, Red, Purple, White, Pink

Seasons: Summer

Trunk

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Can be trained to one trunk

Fruit

Fruit Type: Hip

Fruit Showiness: True

Fruit Size Range: 1.5 - 3

Fruit Colors: Green, Red

Seasons: Fall

Rosa sp.

(Rose)



Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: Yes

Drought Tolerant: No

Salt Tolerance: Poor

Requirements

Soil Requirements: Clay, Loam

Soil Ph Requirements: Acidic, Neutral

Water Requirements: High

Light Requirements: Full

Management

Toxity: No

Invasive Potential: No

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: Needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: No

Surface Rooting: No

Life Span: 25-50 years

Diseases: Powdery Mildew, Leaf Spots, Blights, Antracnose, Botrytis

Edible Parts: Fruit

Pests: Mites, Thrips, Scales, Whitefly, Aphids

Plant Propagations: Grafting

MORE IMAGES



Fruit Image



Other Image