

Scientific Name: *Crataegus phaenopyrum*

Common Name: Washington Hawthorn

Environmental Conditions:

Hardiness Zone: 4a

Soil Moisture:

VERY WET			VERY DRY								
occasionally saturated or very wet soil			consistently moist, well drained soil			occasional periods of dry soil			prolonged periods of dry soil		
2	3	4	5	6	7	8	9	10	11	12	

Sun/Shade: full sun

Salt: some observed tolerance

pH: ≤ 8.2

Insect/Disease Factors: *Crataegus* species are susceptible to many foliage diseases and various insects (fireblight, leaf blight, mildews, and rusts are some of the common problems), reportedly resistant to cedar-hawthorn rust and less susceptible than other *Crataegus* to disease, susceptible to lacebug

Growth Characteristics:

Height: 20'-30'

Width: 20'-25'

Form/Habit: round, densely branched, multi-stem forms available, must specify single-stem tree form

Rate: slow to medium

Ornamental Characteristics:

Flower: white clusters, early summer, a later flowering *Crataegus*

Fruit: showy clusters, bright and glossy red, berry-like, persist through winter

Seasonal Foliage Color: glossy dark green in summer, reddish-purple in fall

Bark: not ornamentally important, silver-gray, scaly with age

Other: thorny

Transplant Issues: difficult to transplant B&B or bare root, somewhat slow to establish

Management Issues: thorns should be considered in relation to clearance requirements

Suggested Uses: narrow or wide street tree lawns/pits, parks, suitable for CU-Structural Soil™

Cultivars: **Princeton Sentry™** (faster growing, almost thornless, more upright branching, relatively pest-free), **Manbeck Select** (selected for improved tree form), **Lustre** (faster growing, oval shape, fewer thorns), **Fastigiata** (glossy dark green in summer, orange to purplish fall color), **Vaughn** (*C. crugalli* x *C. phaenopyrum*, not recommended due to increased rust susceptibility and particularly thorny quality)

