

Scientific Name: *Ostrya virginiana*

Common Name: American Hophornbeam (also known as Ironwood, but should not be confused with *Carpinus caroliniana*, which is more commonly called Ironwood)

Environmental Conditions:

Hardiness Zone: 3b

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: prefers full sun, tolerates partial shade

Salt: very sensitive

pH: ≤ 8.2

Insect/Disease Factors: none serious or limiting if healthy, two-lined chestnut borer can destroy stressed trees

Growth Characteristics:

Height: 30'-50'

Width: 20'-30'

Form/Habit: oval to pyramidal in youth, oval to rounded with age, horizontal and drooping branching, should specify single-stem form as multi-stem form is available

Rate: slow

Ornamental Characteristics:

Flower: female visible in spring, but not showy, male visible in winter, 1" long catkins in clusters

Fruit: small, greenish-white, inflated pods in tight hanging clusters (hop-like, hence the common name)

Seasonal Foliage Color: dark green in summer, yellow in fall

Bark: attractive, light grayish brown, shredded look

Transplant Issues: difficult to transplant B&B or bare root, slow to recover from transplanting

Management Issues: none of significance

Suggested Uses: narrow or wide street tree lawns/pits, parks

Cultivars: none known

