



## Species: *Carpinus betulus*

(kar-pine'us bet'you-lus)

European Hornbeam

### Cultivar Information

\* See specific cultivar notes on next page.

### Ornamental Characteristics

Size: Tree > 30 feet

Height: 40' - 60' (30' - 40' spread)

Leaves: Deciduous

Shape: pyramidal/rounded to oval/rounded

Ornamental Other: best in full sun; will tolerate light to moderate shade; tolerant of difficult conditions

### Environmental Characteristics

Light: Full sun

Hardy To Zone: 5a

Soil Ph: Can tolerate acid to alkaline soil (pH 5.0 to 8.0)

Environmental Other: dark green foliage to yellow-green in fall; can be pruned into hedging; smooth dark grey bark is similar to beech bark

CU Structural Soil™: Yes

### Insect Disease

relatively trouble free; may suffer from ice damage

### Bare Root Transplanting

Difficult

## Other

transplant as small B & B or containerized tree in spring, Native to Europe

Cultivars for *Carpinus betulus*

Showing **1-11** of **11** items.

Cultivar Name	Notes
Asplenifolia	'Asplenifolia' ('Heterophylla', 'Incisa', 'Quercifolia') - leaves double toothed; incised; lobe-like
Brownstone	'Brownstone' - upright-oval
Columnaris	'Columnaris' - densely branched, columnar
Columnaris Nana	'Columnaris Nana' - semi-fastigiata dwarf; 4' tall x 1.5' wide in 10 years
Cornerstone	'Cornerstone' - round-headed; notably dark green foliage; superior heat-tolerance
Emerald Avenue	'Emerald Avenue' - broadly pyramidal; superior heat-tolerance; 40' tall x 28' wide
Fastigiata	'Fastigiata' - oval-vase shape
Franz Fontaine	'Franz Fontaine' - fastigiata form, more narrow than species
Globosa	'Globosa' - rounded
Pendula	'Pendula' - pendulous branches
Purpurea	'Purpurea' - new foliage purple, fading to green

## Photos



At Island Health and Fitness



*Carpinus betulus* - Leaf



*Carpinus betulus* - Fruit



*Carpinus betulus* - Habit



*Carpinus betulus* 'Fastigiata' - Habit



*Carpinus betulus* 'Fastigiata' - Habit





*Carpinus betulus* 'Fastigiata' - Habit



*Carpinus betulus* - Bark



*Carpinus betulus* - Leaf