



# *Carpinus caroliniana*

## American hornbeam, Blue beech, Ironwood, Musclewood



### TYPES OF PLANTING

**Tree types:** standard trees, feathered trees, multi-stemmed trees, shade trees, characteristic trees

### USE

**Location:** park, roof garden, large garden, cemetery, countryside | **Pavement:** none, open | **Planting concepts:** Landscape planting, shade-tolerant, Prairie planting

### CHARACTERISTICS

**Crown shape:** rounded, flattened spherical | **Crown structure:** dense | **Height:** 6 - 12 m | **Width:** 6 - 9 m | **Winter hardiness zone:** 4A - 9B

### ASPECTS

**Wind:** tolerant to wind | **Soil:** loess, sabulous clay, peaty, heavy clay, light clay, sand, loamy soil, all soils | **Nutrient level:** moderately rich in nutrients, rich in nutrients | **Soil moisture level:** dry, moist, wet | **Light requirements:** sun, partial shade, shade | **pH range:** acidic, neutral, alkaline | **Host plant/forage plant:** butterflies, birds, small mammals | **Extreme environments:** tolerant to dryness

### PLANTKENMERKEN

**Flowers:** catkins, striking | **Flower colour:** green | **Flowering period:** April - June | **Leaf colour:** buds red, blue-green | **Leaves:** deciduous, ovate, ovoid, lanceolate, doubly serrate | **Autumn colour:** orange-red | **Fruits:** winged, nut, catkins | **Fruit colour:** brown, green | **Bark colour:** grey-blue | **Bark:** smooth, later on rough | **Twig colour:** grey-brown | **Twigs:** hairy | **Root system:** shallow, extensive

