



Species: *Populus deltoides*

(pop'you-lus del-toy'deez)

Eastern Cottonwood

Cultivar Information

Some selection has been done for this native species. Due its its tendency to drop branches it is not often used in cultivation as it can pose safety hazards. Selection has been done for cotton-less forms.

* See specific cultivar notes on next page.

Ornamental Characteristics

Size: Tree > 30 feet

Height: 75' - 100' (50' - 75' spread)

Leaves: Deciduous

Shape: upright, spreading, irregular vase-shape

Ornamental Other: tolerates pollution; short-lived; fast-growing

Environmental Characteristics

Light: Full sun

Hardy To Zone: 3a

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

Salt Tolerance: Tolerates salty soil

Environmental Other: tolerates pollution; short-lived; fast-growing

Insect Disease

canker is a serious problem, among many

Bare Root Transplanting

Any

Other

many disease problems cause the tree to drop leaves, twigs and other litter; weak, soft wood susceptible to breakage in storms; easily transplanted, native to Northeastern and Midwest US and Canada.

Cultivars for *Populus deltoides*

Showing **1-5** of **5** items.

Cultivar Name	Notes
Noreaster	'Noreaster' - thicker bark; canker resistant
Siouxland	'Siouxland' - cotton-less form; susceptible to canker
Purple Tower	'Purple Tower' - upright form; dark red/purple leaves; new stems are also red/purple; grows to at least 32' tall x 10' wide
Robusta	'Robusta' - broadly ovate form; fast growing; seedless; reddish foliage turns green; grows to 60' tall x 40' wide
Sparks	'Sparks' - pyramidal form in youth becoming broad-vase shaped with age; open, irregular branching; young stems and trunks greenish-yellow; grows to 75-100' tall x 50-75' wide

Photos



in cass park



Populus deltoides - Bark



Populus deltoides - Habit



Populus deltoides - Leaves



Populus deltoides - Leaf



Populus deltoides - Habit



Populus deltoides - Habit



Populus deltoides - Habit