

Trees for Screening Purposes Notes

A. Several of these trees have many cultivars that may not be suitable for screening purposes, suggested cultivars are included

B. Spacing and other characteristics are based on recommended cultivars

C. Additional material should be reviewed through your local agricultural extension agency and utility provider

TREES for SCREENING PURPOSES: Trees that can be planted for sound, wind, or sight barriers in East Tennessee

Species	Cultivars	Form	Growth Rate	Height	Spacing for Screen	Deciduous/ Evergreen	Recommended for Under Utilities	Wet Tolerant	Drought Tolerant	Shade Tolerant
Japanese Maple (Acer palmatum)	Several cultivars	Variable	Slow to Moderate	Less than 30 ft	8-10 Feet	Deciduous	Yes	No	No	Yes
European hornbeam (Carpinus betulus)	Frans Fontaine, Fastigiata	Columnar	Slow to Moderate	30 to 50 ft	6-8 Feet	Deciduous	No	No	Yes	Intermediate
Hinoki Falsecypress (Chamaecyparis obtusa)	Several cultivars	Narrow or Pyramidal	Moderate	30 to 50 ft	5-10 Feet	Evergreen	Some varieties	No	No	No
Alaska-cedar (Chamaecyparis nootkatensis)	Several cultivars	Narrow or Pyramidal	Moderate	30 to 50 ft	5-10 Feet	Evergreen	No	No	No	No
Sawara falsecypress (Chamaecyparis pisifera)	Several cultivars	Narrow or Pyramidal	Moderate	Over 50 ft	10 Feet	Evergreen	Some varieties	No	No	No
Atlantic whitecedar (Chamaecyparis thyoides)	Several cultivars	Narrow or Pyramidal	Moderate	Over 50 ft	10 Feet	Evergreen	No	No	No	No
Kousa Dogwood (Cornus kousa)	Several cultivars	Rounded	Slow to Moderate	Less than 30 ft	8-10 Feet	Deciduous	Yes	No	Yes	Yes
Pagoda Dogwood (Cornus alternifolia)	Dense compact varieties	Rounded	Slow to Moderate	Less than 30 ft	8-10 Feet	Deciduous	Yes	No	No	Yes
European Smoketree (Cotinus coggygria)	Dense compact varieties	Open to Irregular	Moderate	Less than 30 ft	5-8 Feet	Deciduous	Yes	No	No	No
American Smoketree (Cotinus obovatus)	Dense compact varieties	Open to Irregular	Moderate	Less than 30 ft	5-8 Feet	Deciduous	Yes	No	No	No
Cryptomeria (Cryptomeria japonica)	Radicans,	Upright to Pyramidal	Moderate	30 to 50 ft	5-10 Feet	Evergreen	No	Minimal	No	Intermediate
Foster Holly (Ilex x attenuata 'Fosteri')	Several cultivars	Upright to Pyramidal	Slow	Less than 30 ft	4-8 Feet	Evergreen	No	Minimal	No	Intermediate
Chinese Holly (Ilex cornuta)	Several cultivars	Bushy and dense	Moderate	Less than 30 ft	4-6 Feet	Evergreen	Yes	No	Yes	Intermediate
Nellie Stevens Holly (Ilex x 'Nellie R Stevens')	Several cultivars	Upright to Conical	Moderate	Less than 30 ft	4-8 Feet	Evergreen	Yes	No	No	Intermediate
American Holly (Ilex opaca)	Greenleaf	Upright to Pyramidal	Slow to Moderate	30 to 50 ft	5-10 Feet	Evergreen	No	Minimal	No	Yes
Yaupon Holly (Ilex vomitoria)	Several cultivars	Upright to Irregular	Moderate to Fast	Less than 30 ft	5-10 Feet	Evergreen	Yes	Yes	Yes	Intermediate
Witch-hazel* (Hamamelis virginiana)	Dense compact varieties	Round to Open	Moderate	Less than 30 ft	5-10 Feet	Deciduous	Yes	No	No	Intermediate
Chinese Juniper (Juniperus chinensis)	Keteleeri	Upright to Conical	Moderate to Fast	30 to 50 ft	5-10 Feet	Evergreen	Some varieties	No	Yes	No
Rocky Mountain Juniper (Juniperus scopulorum)	Spartan	Upright to Conical	Moderate	30 to 50 ft	5-10 Feet	Evergreen	Some varieties	No	Yes	No
Eastern Red Cedar (Juniper virginiana)	Brodie, Berkie, Canaertii	Upright to Conical	Moderate	30 to 50 ft	5-10 Feet	Evergreen	No	No	Yes	No
American Sweetgum (Liquidambar styraciflua)	Slender silhouette	Columnar	Moderate	30 to 50 ft	6 Feet	Deciduous	No	Yes	No	No
Southern Magnolia (Magnolia grandiflora)	Little Gem, Alta	Upright to Oval	Slow to Moderate	30 to 50 ft	Variable	Evergreen	Some varieties	Minimal	Yes	Intermediate
Sweetbay magnolia (Magnolia virginiana)	Dense compact varieties	Upright to Spreading	Moderate	30 to 50 ft	5-8 Feet	Deciduous	No	Yes	No	Yes
Norway spruce (Picea abies)	Many cultivars	Pyramidal	Moderate	Over 50 ft	10 Feet	Evergreen	No	No	No	No
Eastern white pine (Pinus strobus)	Many cultivars	Pyramidal	Moderate to Fast	Over 50 ft	10 Feet	Evergreen	No	No	No	Intermediate
Weeping Cherry (Prunus subhirtella)	Dense compact varieties	Weeping	Moderate	Less than 30 ft	5-10 Feet	Deciduous	Some varieties	No	No	No
Cherry Laurel (Prunus caroliniana)	Bright N Tight, Cherry Ruffles	Open to Irregular	Fast	Less than 30 ft	5-10 Feet	Deciduous	Some varieties	No	Yes	Yes
English Oak (Quercus robur)	Regal Prince, Skyrocket	Columnar	Slow to Moderate	30 to 50 ft	6 Feet	Deciduous	No	No	No	No
Pin Oak (Quercus palustris)	Green Pillar	Columnar	Moderate	30 to 50 ft	6 Feet	Deciduous	No	Yes	No	No
Eastern arborvitae (Thuja occidentalis)	Emerald, Green Giant, Nigra, Techny	Upright to Conical	Moderate	Less than 30 ft	5-8 Feet	Evergreen	No	Minimal	Yes	No
Viburnum spp. (Viburnum spp.)	Dense compact varieties	Open to Irregular	Fast	Less than 30 ft	4-6 Feet	Deciduous	Yes	Yes	Yes	Yes
Chastetree (Vitex negundo)	Few	Vaseshape to Round	Fast	Less than 30 ft	Indistinct	Deciduous	Yes	No	No	No