

City of Northfield Acceptable Tree and Shrub List

Within this list, the native varieties are strongly preferred.

This list is divided into categories in part by height. Many species have a wide variety of heights depending on growing conditions and other factors. Consult an arborist for final selection.

Species	Allowed in areas regulated by the Land Development Code	Allowed in ROW/boulevard	Native*	Rated for Zone 5
Tall Stature Deciduous Trees				
Alder – <i>Alnus hirsuta</i>	X	X		
American Mountain Ash-- <i>Sorbus americana</i>	X	X	X	
Aspen – <i>Populus tremuloides</i>	X	X	X	
Beech – <i>Carpinus caroliniana</i>	X	X	X	
Birch – <i>Betula nigra</i>	X	X	X	
Birch – <i>Betula papyrifera</i>	X	X	X	
Birch – <i>Betula populifolia</i>	X	X	X	
Birch – <i>Betula platyphylla</i>	X	X		
Buckeye – <i>Aesculus glabra Willd.</i>	X		X	
Catalpa – <i>Catalpa speciosa</i>	X		X	
Cherry – <i>Prunus maackii</i>	X			
Cherry – <i>Prunus sargentii</i>	X			
Pin Cherry – <i>Prunus pensylvanica</i>	X		X	
Black Cherry – <i>Prunus serotina</i>	X		X	
Chokecherry-- <i>Prunus virginiana</i>	X		X	

* This list defines “native” as “native to eastern North America.” Many trees and shrubs have varieties that are native specifically to this area. To give just one example: the prairie crabapple, *Malus ioensis*, is native to this area. *Malus coronaria*, the sweet crabapple or garland crab, is native to the parts of the Great Lakes, but not Minnesota. This list shows them both as “native.” Species native to this area will outperform others, and are preferred. Many resources exist to guide that selection.

Species	Allowed in areas regulated by the Land Development Code	Allowed in ROW/boulevard	Native*	Rated for Zone 5
Coffeetree – <i>Gymnocladus dioicus</i>	X	X	X	
Crabapple, Prairie – <i>Malus ioensis</i>	X		X	
Crabapple – <i>Malus coronaria</i>	X		X	
Dogwood – <i>Cornus alternifolia</i>	X		X	
Eastern Wahoo-- <i>Euonymus atropurpureus</i>	X	X	X	
Elm – <i>Ulmus japonica</i>	X	X		
Elm – <i>Ulmus X 'Cathedral'</i>	X	X		
Elm – <i>Ulmus americana</i>	X	X	X	
Elm – <i>Ulmus carpinifolia</i>	X	X		
Elm – <i>Ulmus X 'Patriot'</i>	X	X		
Filbert – <i>corylus_colurna</i>	X			X
Fringetree-- <i>Chionanthus virginicus</i> (12-20 feet)	X	X	X	
Ginkgo – <i>Ginkgo biloba</i> (non-fruiting male)	X	X		
Hackberry – <i>Celtis occidentalis</i>	X	X	X	
Hawthorn-- <i>Crataegus crus-galli</i> var. <i>inermis</i> (25-35 feet)	X		X	
Hickory – <i>Carya ovata</i>	X	X	X	
Bitternut Hickory – <i>Carya cordiformis</i>	X		X	
Honeylocust – <i>Gleditsia triacanthos</i> var. <i>inermis</i>	X	X	X	
Ironwood – <i>Ostrya virginiana</i>	X	X	X	
Katsura – <i>Cercidiphyllum japonicum</i> vas. <i>Pendulum</i>	X	X		X
Linden – <i>Tilia americana</i>	X	X	X	
Linden – <i>Tilia cordata</i>	X	X		
Linden – <i>Tilia mongolica</i>	X	X		
Maackia – <i>Maackia amurensis</i>	X	X		
Magnolia – <i>Magnolia acuminata</i>	X	X		X
Magnolia – <i>Magnolia stellate</i>	X	X		
Magnolia – <i>Magnolia X loebneri</i>	X	X		
Maple – <i>Acer saccharum</i> – Sugar Maple	X	X	X	

Species	Allowed in areas regulated by the Land Development Code	Allowed in ROW/boulevard	Native*	Rated for Zone 5
Maple – <i>Acer rubrum</i> —Red Maple	X	X	X	
Maple – <i>Acer freemanii</i> – hybrid Maple	X	X	X	
Maple – <i>Acer tataricum</i>	X	X		
Maple – <i>Acer griseum</i>	X	X		X
Maple – <i>Acer palmatum</i> --Japanese Maple	X			
Maple – <i>Acer pseudosieboldianum</i> – Korean Maple	X			
Oak – <i>Quercus macrocarpa</i> – Bur Oak	X	X	X	
Oak – <i>Quercus alba</i> – White Oak	X	X	X	
Oak – <i>Quercus X macdanielli</i>	X	X		
Oak – <i>Quercus ellipsoidalis</i> – Northern Pin Oak	X	X	X	
Oak – <i>Quercus rubra</i> – Red Oak	X	X	X	
Oak – <i>Quercus bicolor</i> – Swamp White Oak	X	X	X	
Plum – <i>Prunus</i> (many species; see comments)	X		Some, not all, are native. Natives below esp. recommended.	
Wild Plum – <i>Prunus americana</i>	X		X	
Redbud – <i>Cercis canadensis</i> – Northern Redbud	X		X	
Red Obelisk – <i>Fagus sylvatica</i>	X	X		X
Serviceberry – <i>Amelanchier X grandiflora</i>	X		X	
Serviceberry – <i>Amelanchier laevis</i>	X		X	
Sycamore – <i>Platanus occidentalis</i>	X	X	X	
Tulip Tree – <i>Liriodendron tulipifera</i>	X	X	X	
Tupelo – <i>Nyssa sylvatica</i>	X	X	X	
Yellowwood – <i>Cladrastis kentukea</i>	X	X	X	
Short Stature Deciduous Trees (<15 feet)				
Cherry, domestic for fruit (10-12 feet)	X			
Birch – <i>Betula nigra</i> – 'Little King'	X	X	X	
Crabapple – <i>Malus</i> (See above; some are less than 15')	X			

Species	Allowed in areas regulated by the Land Development Code	Allowed in ROW/boulevard	Native*	Rated for Zone 5
Hawthorn – <i>Crataegus crusgalli</i> var. <i>inermis</i>	X		X	
Lilac – Meyeri – Dwarf Korean Tree	X			
Ninebark, tree form – <i>Physocarpus opulifolius</i>	X	X	X	
Pear – <i>Pyrus fauriei</i> (15 feet)	X			
Viurnum, tree form – <i>Viburnum opulus</i> “Snowball”	X	X	X	
Tall Stature Deciduous Shrubs				
Azalea – <i>Rhododendron</i> (tall varieties)	X		Some, not all, are native	
Buckeye – <i>Aesculus parviflora</i> (8-12 feet)	X		X	
Chokeberry – <i>Aronia melanocarpa</i>	X		X	
American Highbush Cranberry – <i>Viburnum opulus</i> var. <i>Americanum</i> (8-15 feet)	X		X	
Elderberry – <i>Sambucus canadensis</i> (4-13 feet)	X		X	
False Indigo – <i>Amorpha fruticose</i> (3-12 feet)	X		X	
Hazelnut – <i>Corylus americana</i> , American (4-16 feet)	X		X	
Heptacodium – <i>Heptacodium miconioides</i> (15-20 feet)	X			X
Hydrangea – <i>Hydrangea paniculata</i> (8-15 feet)	X			
Leatherwood – <i>Dirca palustris</i> , 3-6 feet	X		X	
Lilac – <i>Syringa</i> (5-15 feet)	X			
Mockorange-- <i>Philadelphus</i> , Snowbelle (3-4 feet)	X			
Ninebark-- <i>Physocarpus opulifolius</i>	X		X	
Pagoda Dogwood-- <i>Cornus alternifolia</i> (12-25 feet)	X		X	
Viburnum-- <i>Viburnum prunifolium</i> (up to 30 feet)	X		X	
Viburnum-- <i>Viburnum lentago</i> (10-25 feet)	X		X	
White Meadowsweet – <i>Spiraea alba</i> (2-6 feet)	X		X	
Winter Berry – <i>Ilex verticillate</i> (5-20 feet)	X		X	
Witch Hazel – <i>Hamamelis virginiana</i> (6-20 feet)	X		X	

Species	Allowed in areas regulated by the Land Development Code	Allowed in ROW/boulevard	Native*	Rated for Zone 5
Short Stature Deciduous Shrubs (<30 inches)				
Azalea, <i>Rhododendron</i> (many varieties; see additional comments at the end of this table.)	X		Some, not all, are native.	
Buckeye, Bottlebrush – <i>Aesculus parviflora</i>	X		X	
Bush Honeysuckle – <i>Diervilla sessilifolia</i>	X		X	
Chokeberry, dwarf varieties – <i>Aronia melanocarpa</i>	X			
Coralberry, Candy – <i>Symphoricarpos x doorenbosii</i> “Kolmcan”	X			
Cotoneaster, Creeping – <i>Cotoneaster adpressus</i>	X			
Juniper, Creeping – <i>Juniperus horizontalis</i> (6-10”)	X		X	
Leadplant – <i>Amorpha canescens</i> (1-3 feet)	X		X	
New Jersey Tea – <i>Ceanothus americanus</i> (1-3 feet)	X		X	
Russian Cypris, Celtic Pride – <i>Microbiota decussate</i> “Prides”	X			
Spirea, dwarf varieties – <i>Spirea japonica</i>	X			
Shrubby Cinquefoil – <i>Dasiphora fruticosa</i> , 1-3 feet	X		X	
Conifers - Evergreen				
Arborvitae – <i>Thuja occidentalis</i> (many sizes)	X		X	
Fir – <i>Abies</i> (many sizes)	X		Some are native	
Hemlock – <i>Tsuga canadensis</i> (many sizes)	X		X	
Juniper – <i>Juniperus</i> (many sizes)	X		X	
Pine – <i>Pinus</i> (many sizes)	X		Some are native	
Spruce – <i>Picea</i> (many sizes)	X		Some are native	
Yew – <i>Taxus</i> (many sizes)	X		Some are native	
Conifers - Deciduous				
Larch/Tamarack – <i>Larix laricina</i>	X		X	

Additional guidance:

Azalea – Rhododendron – There are many species of Azalea; some native and some not. Most are reasonable choices if the hardiness zone is appropriate. As always the native varieties are preferred. The University of Minnesota has been working with this group (<https://mnhardy.umn.edu/varieties/woody-ornamentals/azaleas>) and developed some that would do well here. Heights range from 2-6 feet.