

## **Landscape Planting Guide For the Town of McCandless**

**Rev. 9/29/2021**



**Purpose** - This guide has been compiled by the McCandless Environmental Advisory Council (EAC) for use as a guide for developers in the Town. The categories shown (Canopy Trees, Understory Trees, Evergreen Trees and Shrubs) align with the components of the bufferyard requirements in the Town Zoning Ordinance. This guide can also be useful for residents in choosing appropriate plantings for yards.

**A word about native plants** - Although not all plantings listed here are native to Western Pennsylvania, it is desired that native species be chosen whenever possible. The Department of Conservation and Natural Resources (DCNR) defines a native plant as one that occurred within Pennsylvania before European settlement. The use of native plants is easy and protects the biodiversity of our region. Because Western Pennsylvania's native plants are adapted to grow here, they thrive with less maintenance, reducing the labor and expense of watering and fertilizing. They also provide shelter for many birds, insects and mammals, and the fruits produced by these plants offer essential foods for all forms of wildlife.

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Category: Canopy Trees  
 Description: Large shade trees  
 Uses: Use for streets, bufferyards and parking lots. Not for use under power lines.

COMMON NAME	BOTANICAL NAME	NATIVE	WILDLIFE VALUE	DROUGHT TOLERANT	DEER RESISTANT	NOTES
Beech, American	<i>Fagus grandifolia</i>	Yes	Good	No	No	Sensitive to salt
Black Gum	<i>Nyssa sylvatica</i>	Yes	Good	Moderate	No	Tolerant of urban conditions
Chestnut, Horse	<i>Aesculus hippocastanum</i>	No	Good	Moderate	No	Tolerant of urban conditions
Elm, Rock	<i>Ulmus thomasii</i>	Yes	Good	Good	No	
Elm, Slippery	<i>Ulmus rubra</i>	Yes	Good	Moderate	No	
Honeylocust	<i>Gleditsia triacanthos</i>	Yes	Good	Moderate	No	Tolerant of pollution and salt
Maple, Red	<i>Acer rubrum</i>	Yes	Good	Low	No	Tolerant of urban conditions except salt
Maple, Sugar	<i>Acer saccharum</i>	Yes	Good	Moderate	No	Intolerant of high heat, pollution and road salt
Oak, Black	<i>Quercus velutina</i>	Yes	Good	Moderate	No	
Oak, Pin	<i>Quercus palustris</i>	Yes	Good	Low-moderate	No	Suitable for urban landscapes
Oak, Red	<i>Quercus rubra</i>	Yes	Good	Low-moderate	No	Oak wilt is an issue. Tolerant of urban conditions
Oak, White	<i>Quercus alba</i>	Yes	Good	Moderate	No	
Sweet Gum	<i>Liquidambar styraciflua</i>	Yes	Good	Yes	No	
Tuliptree (Yellow Poplar)	<i>Liriodendron tulipifera</i>	Yes	Good	Good	No	

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Category: Small to Medium (Understory) Tree  
 Description: Maximum mature height < 25'.  
 Uses: Acceptable for planting under utility lines.

COMMON NAME	BOTANICAL NAME	NATIVE	WILDLIFE VALUE	DROUGHT TOLERANT	DEER RESISTANT	NOTES
Arborvitae, Eastern	<i>Thuja occidentalis</i>	Yes	Good	Yes	No	
Crabapple, American	<i>Malus coronaria</i>	Yes	Good	Moderate	Yes	
Dogwood, Flowering	<i>Cornus florida</i>	Yes	Good	No	No	Not tolerant of heat, pollution, road salt.
Hawthorn, Washington	<i>Crataegus phaenopyrum</i>	Yes	Good	Yes	Yes	
Lilac, Japanese Tree	<i>Syringa reticulata</i>	No	Good	Yes	Yes	
Magnolia, Saucer	<i>Magnolia soulangiana</i>	No	Good	Moderate	Yes	
Magnolia, Star	<i>Magnolia stellata</i>	No	Good	Moderate	Yes	
Pine, Mugo	<i>Pinus mugo</i>	No		Yes	Maybe	
Plum, Newport Purple	<i>Prunus cerasifera</i> Newport	No	Good	Good	Yes	
Redbud, Eastern	<i>Cercis Canadensis</i>	Yes	Good	Yes	No	
Serviceberry	<i>Amelanchier canadensis</i>	Yes	Good	Good	Yes	Tolerant of urban conditions

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Category: Evergreen Trees

Uses: Evergreen/Conifer in bufferyards

COMMON NAME	BOTANICAL NAME	NATIVE	WILDLIFE VALUE	DROUGHT TOLERANT	DEER RESISTANT	NOTES
Arborvitae, Eastern	<i>Thuja occidentalis</i>	Yes	Good	Yes	No	
Cedar, Eastern Red	<i>Juniperus virginiana</i>	Yes	Good	Yes	Yes	40' to 50' tall
Fir, White	<i>Abies concolor</i>	No	Good	Moderate	No	30' to 50' tall
Hemlock, Eastern	<i>Tsuga canadensis</i>	Yes	Good	No	Yes	60' to 80' tall, wooly adelgid threat
Holly, American	<i>Ilex opaca</i>	Yes	Good	Moderate	Yes	Tolerant of air pollution and salt
Pine, Eastern White	<i>Pinus strobus</i>	Yes	Good	Yes	Yes	50' to 80' tall, Fast growing. Intolerant of wind, ice, heavy snow
Pine, Scots	<i>Pinus sylvestris</i>	No	Good	Moderate	Yes	Up to 60' tall

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Category: Shrubs

Uses: Acceptable for planting under utility lines and for use as shrubs in bufferyards.

COMMON NAME	BOTANICAL NAME	NATIVE	WILDLIFE VALUE	DROUGHT TOLERANT	DEER RESISTANT	NOTES
Bayberry, Northern	<i>Myrica pensylvanica</i>	Yes	Good	Yes	Yes	Tolerant of salt spray
Chokeberry, Red	<i>Aronia arbutifolia</i>	Yes	Good	Yes	Yes	Tolerant of urban conditions
Forsythia	<i>Forsythia spp.</i>	No	Minimal	Yes	Used to be	Tolerant of urban conditions
Holly, Mountain	<i>Ilex montana</i>	Yes	Good	Yes	Yes	Most variations deer resistant. Tolerant of salt
Hydrangea, Wild	<i>Hydrangea arborescens</i>	Yes	Good	Moderate	No	
Juniper, Common	<i>Juniperus communis</i>	Yes	Good	Yes	Yes	Grows on poor sites
Magnolia, Jane	<i>Magnolia x 'Jane'</i>	No	Good	Moderate	Yes	
Poke Milkweed	<i>Asclepias exaltata</i>	Yes	Good	Yes	Yes	Special value to bees
Spicebush	<i>Lindera benzoin</i>	Yes	Good	Moderate	Used to be	
Yew, Japanese	<i>Taxus cuspidata</i>	No	Low	Yes	Yes	Berries toxic to humans and some animals