

approved street & public trees



Per the Town of Pendleton Tree Ordinance, the following tables (pages 32-37) shall constitute the official street tree species acceptable for planting in Pendleton. All trees are suited for USDA cold hardiness Zone 5-6 and are separated based on size class.

The information below outlines specifications for the minimum distances to be maintained between trees and other infrastructure when planting new trees (street/public) within the public right of way.

small trees – small spaces

DISTANCE FROM INFRASTRUCTURE

- Plant no closer than 2 feet from street, sidewalk, or curb.
- Minimum grow space of 4 to 5 feet of tree lawn.
- Small trees may be planted under overhead utility lines.
- Do not plant within 5 feet of any underground utility (phone, sewer, water, cable, electric).
- Do not plant within 10 feet of any utility pole or fire hydrant.
- Do not plant within 3 feet of a parking area unless vehicle wheel stops are provided.
- Trees should not be planted where traffic line of sight is compromised at intersections.
- Tree pruning may be required as the tree matures to maintain adequate street and sidewalk clearance.

medium trees – medium spaces

DISTANCE FROM INFRASTRUCTURE

- Plant no closer than 3 feet from street, sidewalk, or curb.
- Minimum grow space of 5 to 6 feet of tree lawn.
- Do not plant under or within 10 lateral feet of any overhead utility lines.
- Do not plant within 5 feet of any underground utility (phone, sewer, water, cable, electric).
- Do not plant within 10 feet of any utility pole or fire hydrant.
- Do not plant within 3 feet of a parking area unless vehicle wheel stops are provided.
- Trees should not be planted where traffic line of sight is compromised at intersections.

large trees – large spaces

DISTANCE FROM INFRASTRUCTURE

- Plant no closer than 4 feet from street, sidewalk, or curb.
- Minimum grow space of 8 feet of tree lawn.
- Do not plant under or with 20 lateral feet of any overhead utility lines.
- Do not plant within 5 feet of any underground utility pole or fire hydrant.
- Do not plant within 3 feet of a parking area unless vehicle wheel stops are provided.
- Trees should not be planted where traffic line-of-sight is compromised at intersections.

small trees – small spaces

approved street trees

Common Name	Scientific Name	Max. Height (feet)	Max. Spread (feet)	Planting Area	Notes	Approved Street Tree	Approved Under Power Lines		<i>Native to Indiana Region</i>	Drought Tolerant	Wet Tolerant	Salt Tolerant	Insect & Disease Susceptible	Easy to transplant	Fruit	Showy Flower	Fall Color
Paperbark Maple	Acer griseum	25	35	small	Low, wide spreading branches; do not use main thoroughfares; low traffic residential areas only	yes	yes		no	yes	medium tolerance	yes	medium tolerance	no	yes	no	yes
Downy Serviceberry	Amelanchier arborea	25	25	small	Low branching; use in smaller residential area with low traffic	yes	yes		no (Missouri)	no	medium tolerance	no	yes	no	yes	yes	yes
Autumn Brilliance Apple Serviceberry	Amelanchier x grandiflora 'Autumn Brilliance'	25	25	small		yes	yes		no	no	medium tolerance	no	yes	no	yes	yes	yes
American Hornbeam	Carpinus caroliniana	30	30	small-medium	Not salt tolerant; inappropriate on main thoroughfares due to winter salt application	yes	yes		yes	no	yes	no	no	no	yes	no	yes
Eastern Redbud	Cercis canadensis	30	20	small	Not salt tolerant; inappropriate on main thoroughfares due to winter salt application	yes	yes		yes	yes	no	no	medium tolerance	yes	yes	yes	yes
Cornelian Cherry Dogwood	Cornus mas	25	20	small	Not salt tolerant; inappropriate on main thoroughfares due to winter salt application; low branching; use only in low traffic residential areas	yes	yes		no	no	yes	no	yes	yes	yes	yes	yes
Amur Maackia	Maackia amurensis	30	30	small-medium	Low branching; use in smaller residential area with low traffic	yes	yes		no	yes	no	no	no	yes	yes	no	yes
Wild Sweet Crabapple	Malus coronaria	25	25	small		yes			yes	yes	yes	yes	yes	yes	yes	yes	yes
Ivory Silk Japanese Tree Lilac	Syringa reticulata	25	15	small	Low branching; use only in low traffic residential areas	yes	yes		no	yes	no	yes	no	yes	yes	yes	yes

medium trees - medium spaces

approved street trees

Common Name	Scientific Name	Max. Height (feet)	Max. Spread (feet)	Planting Area	Notes	Approved Street Tree	Approved Under Power Lines		<i>Native to Indiana Region</i>	Drought Tolerant	Wet Tolerant	Salt Tolerant	Insect & Disease Susceptible	Easy to transplant	Fruit	Showy Flower	Fall Color
Common Hornbeam	Carpinus betulus 'Fastigiata'	40	30	medium	tolerates air pollution	yes	no		no	medium tolerance	medium tolerance	medium tolerance	no	medium tolerance	yes	no	yes
Washington Hawthorn	Crataegus phaenopyrum	30	30	medium	has some insect and disease problems	yes	no		yes	yes	medium tolerance	no	yes	yes	yes	yes	yes
Green Hawthorn	Crataegus viridis	35	35	medium		yes	no		yes	yes	medium tolerance	no	yes	yes	yes	yes	yes
Hophornbeam	Ostrya virginiana	45	40	medium	not salt tolerant; inappropriate on main thoroughfares due to winter salt application	yes	no		yes	yes	yes	no	no	no	yes	no	yes
Littleleaf Linden	Tilia cordata	50	40	medium	not salt tolerant; inappropriate on main thoroughfares due to winter salt application	yes	no		no	medium tolerance	medium tolerance	no	yes	yes	yes	no	yes
Silver Linden	Tilia tomentosa	50	40	medium		yes	no		no	medium tolerance	medium tolerance	medium tolerance	yes	yes	yes	no	yes

large trees - large spaces

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Black Maple	Acer nigrum/ saccharum subsp. nigrum	90	25	large		yes	no		yes	no	no	no	no	yes	yes	no	yes
Red Maple	Acer rubrum	90	70	large	Not salt tolerant	yes	no		yes	no	yes	no	no	yes	yes	no	yes
Sugar Maple	Acer saccharum	75	50	large	Not salt tolerant	yes	no		yes	no	no	no	no	yes	yes	no	yes
Freeman Maple/ Hybrid Red Maple	Acer x freemanii	60	40	large	Fast growth rate; urban tolerant; poor soil tolerant; great fall color	yes	no		no	yes	yes	yes	no	yes	yes	no	yes

large trees - large spaces...(continued)

approved street trees

Common Name	Scientific Name	Max. Height (feet)	Max. Spread (feet)	Planting Area	Notes	Approved Street Tree	Approved Under Power Lines		<i>Native to Indiana Region</i>	Drought Tolerant	Wet Tolerant	Salt Tolerant	Insect & Disease Susceptible	Easy to transplant	Fruit	Showy Flower	Fall Color
Hackberry	Celtis occidentalis	80	60	large		yes	no		yes	yes	yes	no	no	yes	yes	no	yes
Ginkgo (male)	Ginkgo biloba	80	40	large		yes	no		no	yes	medium tolerance	medium tolerance	no	medium tolerance	yes (females)	no	yes
Thornless Honeylocust	Gleditsia triacanthos var. inermis	80	50	large		yes	no		yes	yes	yes	yes	yes	yes	yes	no	yes
Kentucky Coffeetree	Gymnocladus dioica	100	40	large	not salt tolerant	yes	no		yes	yes	medium tolerance	medium tolerance	no	medium tolerance	yes (females)	no	yes
Sweetgum	Liquidambar styraciflua	60	40	large		yes	no		yes	medium tolerance	yes	medium tolerance	no	medium tolerance	yes	no	yes
Tulip Tree	Liriodendron tulipifera	150	50	large	not salt tolerant	yes	no		yes	medium tolerance	medium tolerance	no	yes	medium tolerance	yes	yes	yes
London Planetree	Platanus acerifolia	80	65	large		yes	no		no	yes	yes	yes	yes	yes	yes	no	no
White Oak	Quercus alba	100	90	large		yes	no		yes	medium tolerance	no	yes	no	medium tolerance	yes	no	yes
Swamp White Oak	Quercus bicolor	90	70	large	not salt tolerant	yes	no		yes	medium tolerance	yes	medium tolerance	no	medium tolerance	yes	no	yes
Shingle Oak	Quercus imbricaria	60	50	large		yes	no		yes	yes	yes	medium tolerance	medium tolerance	medium tolerance	yes	no	no
English Oak	Quercus robur f. fastigiata	60	20	large		yes	no		no	medium tolerance	medium tolerance	yes	no	medium tolerance	yes	no	no
Northern Red Oak	Quercus rubra	70	60	large		yes	no		yes	medium tolerance	no	yes	yes	yes	yes	yes	no
Princeton, Valley Forge, New Harmony American Elm	Ulmus americana 'Princeton', 'Valley Forge', 'New Harmony'	70	60	large	covers any American Elm hybrids; do not use regular American Elm due to Dutch Elm Disease	yes	no		no	yes	medium tolerance	medium tolerance	medium tolerance	yes	yes	no	yes
Japanese Zelkova	Zelkova serrata	80	75	large		yes	no		no	medium tolerance	yes	medium tolerance	no	medium tolerance	no	no	yes

unapproved tree list

please, do not plant

There are many trees with various traits that render them inappropriate for planting as a street tree. Undesirable traits include significant litter, such as fruit, thorns, shallow and aggressive roots, invasive, high susceptibility to disease, and low tolerance for insects, soil variety, and urban conditions.

Among the many trees that are considered undesirable for street tree purposes, the following are most noteworthy and are not permitted for planting as a street tree in the Town of Pendleton.

Hedge Maple

Acer campestre
INVASIVE

Amur Maple

Acer ginnala
INVASIVE

Box Elder

Acer negundo
INVASIVE

Norway Maple

Acer platanoides
WEAK WOOD; AGGRESSIVE

Silver Maple

Acer saccharinum
INVASIVE

Tartarian Maple

Ailanthus altissima
INVASIVE

Tree of Heaven

Acer ginnala
INVASIVE

Black Alder

Alnus glutinosa
INVASIVE

Ash

Fraxinus species
EMERALD ASH BORER

Ginkgo (female only)

Ginkgo biloba (female only)
SMELLY FLESHY FRUIT

Princess Tree

Paulownia tomentosa
INVASIVE

Amur Cork Tree

Phellodendron amurense
INVASIVE

Callery Pear

Pyrus calleryana
INVASIVE

Ornamental Pear

Pyrus species
WEAK BRANCHING/INVASIVE

Sawtooth Oak

Quercus acutissima
INVASIVE

Black Locust

Robinia pseudoacacia
SHALLOW, INVASIVE ROOTS

Willow

Salix species
INVASIVE ROOTS/WEAK WOOD

Mountain Ash

Sorbus spp.
INVASIVE

American Elm

Ulmus americana
DUTCH ELM DISEASE

Siberian Elm

Ulmus pumila
INVASIVE/WEAK WOOD/
DISEASE

urban forestry successes

yay for teamwork!

TIMELINE OF ACCOMPLISHMENTS

- 2015 – Committee Reformation
- 2015 – Pendleton Arbor Day Celebration
- 2015 – Designated Tree City USA
- 2015 – Awarded an Urban Forestry Assistance Sub Grant from Indiana Department of Natural Resources
- 2016 – Pendleton Arbor Day Celebration
- 2016 – Completed Tree Inventory and Management Plan
- 2016 – Organized the 200 Tree Planting Initiative/Fund-raiser
- 2016 – Tree Planting for the Indiana Bicentennial Celebration in Pendleton
- 2016 – Awarded the Outstanding Organization Award by the Indiana Urban Forestry Council
- 2016 – Designated Tree City USA
- 2017 – Arbor Day Poster Contest
- 2017 – Pendleton Arbor Day Celebration & 800 Tree Giveaway

ARBOR DAY CELEBRATIONS

- April 24, 2015 – Tree Planting in Falls Park (1 Red Oak)
- April 22, 2016 – Tree Planting at Fall Creek Golf Course (2 Tulip Poplar)
- April 28, 2017 – Tree Planting at Pendleton Elementary School (2 Tulip Poplar)





Pendleton
Urban Forestry