

THE RIGHT TREE, THE RIGHT PLACE.

Plan before you plant.

We have compiled a list of tree and shrub varieties and classified them—based on their height at maturity—into four zones. This information will prove valuable in helping you select the right tree for the right space near our distribution lines.

These are only suggested varieties. There are many other good varieties available, but two important things to keep in mind when deciding on tree species are knowing the mature height and the mature width of the variety before you plant.



ZONE 1
0–25 ft.

ZONE 2
25–35 ft.

ZONE 3
35–45 ft.

ZONE 4
>45 ft.

ZONE 1

Large shrubs or small evergreens and hardwood trees with mature heights up to 25 feet.

ZONE 2

Large shrubs or small evergreens and hardwood trees with mature heights 25–35 feet.

ZONE 3

Intermediate-height trees with mature heights ranging from 35–45 feet. Plant these trees at least 30 feet away from the nearest power line. These varieties could be considered small shade trees or large ornamentals. Their width and height can be nearly equal.

ZONE 4

Large shade trees with mature heights of 75 feet or more. Plant these trees at least 45 feet away from the nearest power line.



PPL companies

SUGGESTED TREE AND SHRUB VARIETIES | Zones 1 and 2

This list is not all-inclusive and is meant as a guide.

ZONE 1 Shrubs						
Species	Drained Soil	Moist Soil	Sun	Shade	Mature Height (ft.)	Value and Remarks
Winterberry	▪	▪	▪		10	Red berries in winter
Winter Honeysuckle	▪		▪	Semi	10	Good hedge; fragrant flowers
Weigela	▪		▪		8	Red or pink flowers
Forsythia	▪	Semi	▪	Semi	10	Yellow blooms
Lilacs	▪		▪	Semi	10	Fragrant blooms
Mock Orange	▪	Semi	▪	Semi	8	Choose fragrant varieties
Deutzia	▪	Semi	▪	Semi	8	Graceful, white pendulous flowers
Flowering Quince	▪	Semi	▪	Semi	6	Orange, pink or white blooms
Burning Bush	▪		▪	Semi	6	Red fall color
Hydrangea	▪	Semi	▪	Semi	8	Many varieties; summer blooms
Calycanthus	▪	Semi	▪	Semi	8	Unique, fruity fragrance

ZONE 2 Small Trees and Shrubs						
Species	Drained Soil	Moist Soil	Sun	Shade	Mature Height (ft.)	Value and Remarks
Junipers	▪		▪		30	Keteleeri, Canaerti, Columnaris
Arborvitae	▪	▪	▪		20	Techny, American, Emerald
Paperbark Maple	▪		▪		25	Exfoliating bark
Serviceberry	▪		▪	Semi	30	White flowers; orange-red fall color
Fringetree	▪		▪	Semi	30	White blooms in spring
Kousa Dogwoods	▪		▪	Semi	20	Good resistance
Cornelian cherry dogwood	▪		▪	Semi	20	Yellow flowers—early spring
Smoke tree	▪		▪		30	Green- and red-leafed varieties
Royal star magnolia	▪	Semi	▪	Semi	20	White blooms in spring
Sweetbay magnolia	▪	Semi	▪	Semi	30	Tulip-like blossoms in spring
Ann Magnolia	▪	Semi	▪	Semi	25	Pinkish-white tulip flowers in spring
Flowering Crabs	▪	Semi	▪		25	Choose disease-resistant
Japanese tree lilac	▪		▪		30	White blooms late spring
Red buckeye	▪	Semi	▪	Semi	25	Red blooms
Akebono flowering cherry	▪		▪		25	Pinkish-white flowers in spring
Carolina silverbell	▪		▪	▪	25	White bell-like flowers in spring
Paw paw	▪	▪	▪	▪	20	Tropical-like foliage, edible fruit
Viburnum	▪		▪	Semi	25	Fragrant flowers
Taxus Yew	▪		▪	▪	20	Many shapes and forms
Witch hazel	▪		▪	Semi	15	Winter bloomer
Crepe Myrtle	▪		▪		15	Train into multi-trunk flowering tree

Vegetation of any species may be removed for operational, safety or reliability reasons.

SUGGESTED TREE AND SHRUB VARIETIES | Zones 3 and 4

This list is not all-inclusive and is meant as a guide.

ZONE 3 Medium Trees						
Species	Drained Soil	Moist Soil	Sun	Shade	Mature Height (ft.)	Value and Remarks
Katsura	▪	Semi	▪		75	Good yellow fall color
Yellowwood	▪		▪	Semi	60	Native; white, pea-like blooms
Redbud	▪	▪	▪	Semi	35	Purplish flowers in spring
Dogwoods	▪		Semi	Semi	40	White or pink blooms
Winter king hawthorn	▪	Semi	▪	Semi	35	Red berries in winter
American hornbeam	▪	▪	▪	▪	35	Ky. native; beech-like foliage
Hop-hornbeam	▪	Semi	▪	Semi	35	Good native ornamental tree
Aristocrat Pear	▪	Semi	▪		45	Best of the ornamental pears
Sawtooth Oak	▪		▪		60	Yellow fall color
Honeylocust	▪	Semi	▪		50	Choose patented varieties
Foster Holly	▪		▪	Semi	35	Avoid exposure to windy locations
Sourwood	▪		▪	Semi	75	Beautiful mid-summer bloomer
American Holly	▪	Semi	▪	Semi	45	Berries range from red to yellow
Zelkova	▪		▪		70	Choose patented varieties

ZONE 4 Large Trees						
Species	Drained Soil	Moist Soil	Sun	Shade	Mature Height (ft.)	Value and Remarks
Red maple	▪	▪	▪		80	Choose patented varieties
Sugar maple	▪		▪		100	Yellow-orange fall color
River birch	▪	▪	▪		90	Multi-trunk specimen
Ginkgo	▪		▪		100	Choose named varieties
Tulip poplar	▪	Semi	▪		150	Shiny leaves; yellow fall color
Sweetgum	▪	▪	▪		125	Maroon-purple fall color
Blackgum	▪	▪	▪		90	Brilliant red fall color
White oak	▪		▪		100	Wide-spreading; slow grower
Bald cypress	▪	▪	▪		150	Ferny needle-like foliage
American elm	▪		▪		100	New disease-resistant varieties
Pin oak	▪	▪	▪		100	Sensitive to high pH
Willow oak	▪	▪	▪		75	Excellent shade tree
Red oak	▪		▪		100	Rapid grower of the oaks
White Pine	▪		▪		150	Problems in heavy clay soils
Norway spruce	▪		▪	Semi	150	Short, dark green needles
Hemlock	▪		▪	Semi	150	Can withstand shearing

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