

## Trees to Plant in Rights of Way

Trees and power lines are a delicate mix. Because of that, MTE encourages builders and developers to think about the relationship of electric rights-of-way when making landscaping plans. Some trees have no place near power line rights-of-way; other tree types however, can be safely planted within and near rights-of-way. The lists below provide a number of trees MTE recommends.

Small trees with a mature height of 20 feet or lower can be planted within the right of way if it is in a maintained yard setting; they may be planted no closer than 10 feet from the center of the pole line and no closer than 15 feet of any poles.

Medium growing trees with a mature height of 20 to 40 feet may be planted at the edge of the right of way, which is 20 feet from the center of the pole line.

Large growing trees with a mature height of 40 foot or greater need to be planted a minimum of 40 feet from the center of the pole line.

When planting near underground facilities make sure to leave access to the boxes when the grass/shrubs are at mature size. The “no grow zone” is defined as 3 feet on the sides of the underground box and 12 feet in front of the door.

### Small Growing Trees

Plant this size tree no closer than 10 feet from the center of pole line.

COMMON NAME	SCIENTIFIC NAME	MAX HEIGHT
Adirondack Crabapple	Malus 'Adirondack'	18'
Common Smoketree	Cotinus coggygria	15'
Yuma Crape Myrtle	Lipan indica x Lipan fauriei 'Yuma'	20'
Red Buckeye	Aesculus pavia	20'
Narragansett Crabapple	Malus 'Narragansett'	20'
Lipan Crape Myrtle	Lipan indica x Lipan Fauriei 'Lipan'	20'
Sioux Crape Myrtle	Lipan indica x Lipan fauriei 'Sioux'	20'
Stellar Pink Flowering Dogwood	Cornus florida x Cornus kousa 'Stellar Pink'	20'
Aurora Dogwood	Cornus florida x Cornus kousa 'Aurora'	20'
Constellation Dogwood	Cornus forida x Cornus kousa 'Constellation'	20'
Celestial Dogwood	Cornus forida x Cornus kousa 'Celestial'	20'
Ruth Ellen Dogwood	Cornus forida x Cornus kousa 'Ruth Ellen'	20'
Alva Apricot	Prunus mume 'Albe'	20'
Alva Plena Apricot	Prunus mume 'Alva Plena'	20'
Alphandii Apricot	Prunus mume 'Alphandii'	20'
Benishidare Apricot	Prunus mume 'Benishidare'	20'
Jane Magnolia	Magnolia liliiflora 'Jane'	20'
Star Magnolia	Magnolia stellata	20'
Emerald Green Arborvitae	Thuja occidentalis 'Smaragd'	15'
Flame amur Maple	Acer ginnalaa	20'

## Small Growing Trees (Continued)

Plant this size tree no closer than 10 feet from the center of pole line.

COMMON NAME	SCIENTIFIC NAME	MAX HEIGHT
Tatarian Maple	<i>Acer tataricum</i>	20'
White Fringetree	<i>Chionanthus virginicus</i>	20'
Witchhazel	<i>Hamamelis</i> spp.	20'
Common Lilac	<i>Syringa vulgaris</i>	15'
Kousa Dogwood	<i>Cornus kousa</i>	20'

## Medium Growing Trees

Plant this size tree no closer than 20 feet from the center of pole line.

COMMON NAME	SCIENTIFIC NAME	MAX HEIGHT
Chinese Fringetree	<i>Chionanthus retusus</i>	25'
Purple Leaf Plum	<i>Prunus cerasifera</i>	25'
Foster Holly	<i>Ilex x attenuate</i>	25'
Japanese Maple	<i>Acer palmatum</i>	25'
Serviceberries	<i>Amelanchier</i> spp.	25'
Eastern Redbud	<i>Cercis canadensis</i> 'Eastern'	30'
Hawthorns	<i>Crataegus</i> spp.	25'
Yoshino Flowering Cherry	<i>Prunus yedoensis</i>	40'
Kwanzan Flowering Cherry	<i>Prunus serrulata</i> 'Kwazan'	40'
Greenleaf American Holly'	<i>Ilex opaca</i> 'Greenleaf'	35'
Warren Red Holly	<i>Ilex decidua</i> 'Warren Red'	30'
Forest Pansy Redbud	<i>Cercis canadensis</i> 'Forest Pansy'	30'
Oklahoma Redbud	<i>Cercis canadensis texensis</i> 'Oklahoma'	30'
Saucer Magnolia	<i>Magnolia x soulangiana</i>	25'
Canada chokecherry	<i>Prunus virginiana</i> 'Canada Red'	30'
Okame Cherry	<i>Prunus x incamp</i> 'Okame'	30'

## Trees to Avoid

These trees are considered invasive, medium or large growing at maturity, fast growing, and have weak wood.

COMMON NAME	SCIENTIFIC NAME	MAX HEIGHT
Bradford Pear	<i>Pyrus calleryana</i>	60'
Mimosa	<i>Albizia julibrissin</i>	40'
Lombardy Poplar	<i>Populus nigra</i> 'Italica'	60'
White Poplar	<i>Populus alba</i>	75'
Silver Maple	<i>Acer saccharinum</i>	80'
Ailanthus (Tree of Heaven)	<i>Ailanthus altissima</i>	80'
Empress Tree (Royal Paulownia)	<i>Paulownia tomentosa</i>	50'
Chinese Tallow	<i>Triadica sebifera</i>	50'