

Berthoud Recommended Trees

Intent

The Town of Berthoud has a long, rich heritage of tree-lined streets. Today street trees and their conditions are a concern to those involved in urban forestry and the Town has the authority and obligation to assure that vegetation planted on public rights-of-way meets certain standards. Tree plantings should be made with the same methodical planning that is used when making substantial financial investments. Tree planting is a significant, long-term investment in property and the entire community. That investment should complement a home and increase in value over time. Fast-growing trees, conifers, shrubs and other unsuitable plants, when planted on public rights-of-way, pose maintenance issues for homeowners and Town staff and actually create a negative value to the property. The intent of this Section is to promote the traditional street tree plantings on rights-of-way with appropriate species, proper alignment and proper spacing of trees. Trees unsuitable for right-of-way planting may only occur on private property. It is not the Town's intent to limit freedom of choice in plantings but instead to mold and influence the future of Berthoud's urban forest for the benefit of future generations.

The following list identifies tree species allowed on public lands or within the public right-of-way in the Town of Berthoud as of the adoption of this Code. Additional tree species may be permitted if approved by the Forestry Division as appropriate. Trees marked with an asterisk are drought tolerant.

A. Deciduous trees allowed along right-of-way or on public lands, typically over 40' in mature height.

- **Oak (Quercus) Genus:** Bur*, Chinkapin*, Chesnut*, English*, Shumard*, Texas Red*, Heritage*, Bur-gambel Hybrid*, Fastigate English*, Crimson Spire*.
- **Elm (Ulmus) Genus:** Choice City*, Prospector*, Accolade, Triumph, Discovery, Brandon, Regal. Make sure cultivar is resistant to Dutch Elm Disease and Elm Leaf Beetle.
- **Legume (Fabaceae) Family:** Shademaster Honeylocust*, Skyline Honeylocust, Imperial Honeylocust, Kentucky Coffeetree*, Kentucky Coffeetree Espresso*.
- **Linden (Tilia) Genus:** Redmond, Greenspire, American, Glenleven.
- **Planetree (Platanus) Genus:** Bloodgood, Exclamation, Northern Advance. Make sure cultivar is resistant to anthracnose.
- **Chokecherry (Prunus Virginiana) Genus:** Canada Red*, Sucker Punch*. (Height usually 20-25')
- **Maple (Acer) Genus:** Bigtooth (single stem)*, State Street*, Caddo Sugar*, Columnare, Fairview.
- **Buckeye (Aesculus) Genus:** Ohio Buckeye*, Yellow Buckeye, Texas Buckeye*, Prairie Torch Hybrid Buckeye, Common Horsechestnut*.
- **Other trees allowed along right-of-way by common name:** Hackberry*, Western Catalpa*, Turkish Filbert, Ginkgo, Japanese Zelkova*, American Yellowwood, American Hornbeam, Red Baron Crabapple (Height 15-20'), Japanese Pagodatree*

B. Small deciduous trees suitable for wider tree lawns (10 feet or more) or larger roadway medians as well as on Public Park or open space land.

PLANT NAME	HEIGHT	SPREAD
Toba Hawthorn	15'	15'
Amur Chokecherry	25'	20'
Washington Hawthorn	20'	15'
Thornless Hawthorn*	25'	20'
Japanese Tree Lilac*	20'	20'
Coralburst Crabapple	15'	15'
Spring Snow Crabapple	25'	25'

PLANT NAME	HEIGHT	SPREAD
Indian Magic Crabapple	15'	20'
Red Jewel Crabapple	10'	15'
Gambel Oak*	8'	6'
Autumn Blaze Pear	30'	25'
Royal Star Magnolia	30'	15'
Autumn Brilliance		
Serviceberry	25'	15'
Red Buckeye	20'	15'
Goldenrain Tree*	20'	30'
Russian Hawthorn*	20'	15'
Cockspur Hawthorn*	20'	15'
Downy Hawthorn*	25'	25'
Coralburst Crabapple	15'	15'
Dolgo Crabapple	30'	30'
Thunderchild Crabapple	15'	20'
Radiant Crabapple	20'	25'
Tina Sargent Crabapple	8'	10'
Newport Plum	25'	15'
Cleveland Select Pear	30'	25'
Hotwings Maple	15'	20'
Wavyleaf Oak*	20'	20'
Callery Pear	35'	25'

C. Evergreen trees.

PLANT NAME	HEIGHT	SPREAD
Colorado Blue Spruce	60'	30'
Bristlecone Pine*	20'	20'
Eastern Red Cedar*	40'	15'
Rocky Mountain Juniper*	30'	15'
One Seed Juniper*	15'	13'
Gray Gleam	15'	6'
Wichita Blue Juniper*	15'	6'
Black Hills Spruce	25'	20'
Bosnian Pine	20'	12'
Scots Pine*	60'	30'
European Larch	60'	25'

PLANT NAME	HEIGHT	SPREAD
Pinyon Pine*	20'	15'
Concolor Fir, White Fir	50'	30'
Austrian Pine*	50'	40'
Spartan Juniper	15'	6'
Cologreen Juniper*	15'	6'
Skyrocket Juniper	15'	3'
Fastigate Norway Spruce	15'	6'
Vanderwolf's Pyramid Pine	30'	20'
Ponderosa Pine*	60'	30'
Siberian Larch	50'	25'

D. Trees prohibited for any new planting within the Town of Berthoud right of way or on public lands.

1. Any of the ash species (*Fraxinus* spp.) Including Green, White, Purple, Blue, Mountain, or any other ash. **Due to emerald ash borer.**
2. Any of the poplar species (*Populus* spp.), including but not limited to Cottonwood, Aspen, Silver Poplar, Lombardy Poplar
3. Any of the Willow species (*Salix* spp.).
4. Box Elder tree (*Acer negundo*).
5. Siberian (Chinese) Elm (*Ulmus pumila*).
6. Any weeping or pendulous type tree (i.e. Weeping Birch).
7. Any shrub or hedge which by its habit of growth would obstruct, restrict, or conflict with necessary and safe use of the public rights-of-way.
8. Conifers or evergreens which would eventually grow over the sidewalks or streets .
9. Any Honeylocust (*Gleditsia triacanthos*) that bears either seed pods or thorns.
10. Purple Locust, Black Locust, Mulberry, Bradford Pear, Black Walnut, Russian Olive, Tree of Heaven, Tamarisk, Red Maple, Silver Maple, Birch.

E. Regulations for spacing of trees to be planted on public rights-of-way

1. All newly-planted street trees shall be planted midway between the sidewalk and the curb. Trees shall be spaced to allow for safe, healthy, attractive growth.
2. No trees will be planted closer than 5' to any driveway or alley, nor shall it be planted in such a manner that eventual growth cannot be reasonably maintained to avert interference with, or obstruction of, any improvements installed for the public benefit such as traffic and street signs and lights, fire hydrants, overhead utility wires, street lights, utility poles, etc.
3. At edges of streets where a space of less than 5' in width exists between the curb and the abutting private property line, no trees or woody plants shall be planted on the public area so involved.
4. Where an attached sidewalk has been installed, no tree plantings are to be made closer than 5' from the edge of any concrete installation.
5. Trees are not to be planted within 10' of either side of water, sewer, or storm drain main lines, or within 5' of either side of water or sewer service lines.
6. No more than three (3) of the same plant genus may be used consecutively in a row-type planting.
7. In developments, landscape plans should try to abide by the 5-10-15 biodiversity rule. No more than 5% species, 10% genus, 15% family to be planted.

F. Trees to avoid.

Planting of the trees listed below should be avoided by homeowners due to the issues that develop with

these plants over time. It's also worth noting that fruit trees have difficulty getting established on the Front Range and require a devoted owner for proper care.

- Red Maple
- Aspen
- Lombardy Poplar
- Silver Maple
- Birch
- Siberian Elm
- Russian Olive
- Box Elder
- Cottonwood
- Sunburst Honeylocust
- Willow
- Tamarisk
- Tree of Heaven
- Black Locust
- Purple Locust
- Mulberry
- Ash (due to emerald ash borer)
- Black Walnut (due to thousand cankers disease)