

## Planting a tree on the city boulevard

Call the Public Works Department at (701) 456-7979 and provide your name, address, phone number and a forester will inspect the site for planting, mark the planting site with a wooden stake, and issue a formal Tree Planting Permit. The city forester will look at utilities overhead and on the ground, intersection and driveway clearance and species recommendations.

Read the permit carefully and call the 811, One Call Locates for utility lines with in the planting site. After 48 hours it should be safe to start planting.

Tree Selection is important to examining several considerations presented below:

Select only hardy tree species and cultivars to western North Dakota

NDSU selections are developed from plant materials hardy throughout the state and cultivars(CVs) or cultivated varieties of nearby states and provinces of Canada.

Many species and cultivars are also native to eastern Asia and Europe. If selecting these, research their hardiness zone. It is best in Dickinson to select Zone 3 or hardier plants for long term survival. Some zone 4 plants will survive.

In selecting elm trees it is important to select DED or Dutch elm disease resistant cultivars or hybrids. Many elm trees are

DED resistant but not hardy for North Dakota Winter Conditions.

EAB or Emerald Ash borer has been a major concern in recent years. Many of the common green, black and white ash have been decimated by this borer which has not been found in North Dakota. Research over the last 10 plus years has shown resistance in the Manchurian ash and it crosses with black and white ashes. Tree health is also important to reducing the effect of EAB with regular watering, fertilizing and insecticide applications.

If you have any questions on tree selection the city forester may help in your selection.

Ohio Buckeye (*Aesculus glabra*) CV: Lavaburst, Homestead

Prairie Torch Buckeye (*Aesculus x 'Bergeson'*)

Autumn Splendor Buckeye (*Aesculus x arnoldiana 'Autumn Splendor'*)

Amur maple (*Acer ginnala*) CVs: Embers, Royal Crown, Ruby Slippers, Red November

Tatarian maple (*Acer tataricum*) CVs: Hot Wings, Rugged Charm

Northern Spotlight Korean maple (*Acer pseudosieboldianum*) 'KorDak'

Norway maple (*Acer platanoides*) CVs: Emerald Lusetr

Manchurian Alder (*Alnus hirsute*) CVs: Prairie Horizon

Northern Catalpa (*Catalpa speciosa*)

Common Hackberry (*Celtis occidentalis*) CVs: Oahe, Delta

Thornless Cockspur Hawthorn (*Crataegus crus-galli var inermis*)

Snowbird Hawthorn (*Crataegus x mordenensis 'Snowbird'*)

Toba Hawthorn (*Crataegus x mordenensis 'Toba'*)

Green ash (*Fraxinus pennsylvanica*) CVs: Prairie Spires, Bergeson, Kindred, Patmore, Summit,

Manchurian ash (*Fraxinus mandshurica*) CVs: Mancana Ash (High level of resistance to EAB)

Hybrid Black and Manchurian Ash (*Fraxinus nigra x mandshurica*) CVs: Northern Treasure and Northern Gem (EAB resist)

Common Honeylocust (*Gleditsia triacanthos var. inermis*) CVs: Imperial, Northern Acclaim, Prairie Silk, Perfection

Kentucky Coffeetree (*Gymnocladus dioicus*)

Black Walnut (*Juglans nigra*)

Butternut (*Juglans cinera*)

White Flowering Crabapples (*Malus x cultivar*)  
CVs: Green Wall, Marilee, Ivory Spears,  
Lollipop, Sugar Tyme, Tina, Sparkling Sprite,

Pink Flowering Crabapples (*Malus x cultivar*)  
CVs: Adirondack, Red Jewel, Raspberry Spear,  
Red Splendor, Royal Raindrops, Ruby Tears

Red Flowering Crabapples (*Malus X cultivar*)

CVs: Coralburst, Radiant, Red Barron, Rejoice,  
Royalty, Ruby Daze, Show Time, Prairiefire,

Adstringens Crabapple (*Malus x adstringens*)  
CVs: Emerald Spire, Gladiator, Pink Spires,  
Purple Spire, Royal Mist, Thunderchild

Siberian Crabapple (*Malus baccata*) white  
flowering CVs: Spring Snow, Starlite

Sargent Crabapple (*Malus sargentii*) CVs:  
Firebird

Ironwood (*Ostrya virginiana*)

Amur Corktree (*Phellodendron amurense*)

Sakhalin Corktree (*Phellodendron  
sachalinense*) CVs: His Majesty

Bur Oak (*Quercus macrocarpa*)  
CVs: Urban Pinnacle

Mongolian Oak (*Quercus mongolica*)

Hybrid Oak (*Quercus x bimundorum*)  
CVs: Prairie Stature Oak

Japanese Tree Lilac (*Syringa reticulata*)  
CVs: Summer Aspire, Ivory Halo

Pekin Lilac (*Syringa reticulata ssp. pekinensis*)  
CVs: Copper Curls

American Linden (*Tilia americana*) CVs:  
Frontyard, Boulevard, American Sentry,  
Redmond, Dakota

Hybrid Linden (*Tilia x flavescens*) CVs:  
Dropmore, Glenleven, Ronald, Shamrock  
Mongolian Linden (*Tilia mongolica*) CVs: Harvest  
Gold Linden

Littleleaf Linden (*Tilia cordata*)  
CVs: Greenspire, June Bride, Morden, Rancho

Elm Trees (DED resistant)

American elm (*Ulmus americana*) CVs: Prairie  
Expedition,

Japanese elm (*Ulmus davidiana var. japonica*)  
CVs: Northern Empress, Discovery, Freedom,  
Night Rider

Siberian & Japanese cross elm (*Ulmus pumila x  
japonica*) CVs: Cathedral, New Horizon

Accolade elm (*Ulmus japonica x wilsoniana*)

Triumph elm (*Ulmus accolade x Vanguard  
'Morton Glossy'*)

**Tree Species not recommended for  
planting on the boulevard.**

**Trees subject to decline and heartrot:**  
Manitoba maple/Boxelder (*Acer negundo*)

**Trees subject to fast growth and weak  
branches:** Silver maple (*Acer sacharinum*),  
Willows or Austrees (*Salix species*),  
Cottonwood (*Populus deltoides*), Birch trees  
(*Betula species*), White Poplar (*Populus  
species*)

**Trees subject to Black Knot disease, DED  
or EAB:** Canada Red Cherry (*Prunus  
virginiana* 'Schubert'), Mayday Tree (*Prunus  
padus*), Seedling elm trees (*Ulmus species*),  
Siberian elm (*Ulmus pumila*), American Liberty  
elms (*Ulmus americana?*)

**Visibility and traffic clearance:**  
Evergreens/Conifers Pines, (*Pinus spp.*) Spruce  
(*Picea spp.*), Fir (*Abies spp.*), etc.

**Low growing and thorns:** Russian olive  
(*Eleagnus angustifolia*)

**Before planting on the city  
boulevard, you must obtain a  
planting permit from the City  
Forester, call 260-4287 for more  
information.**