It's a tough environment for trees to be planted in an urban setting. With consent challenges that face the unnatural places of trees in our city. The average life of urban and suburban trees are 25 to 30 years. With construction, poor soil, limited space, drought and salt. It a wonder they survive. It is the city’s goal to make sure the right tree is in the right place. Here are some benefits for planting trees in our city.

- Absorb air pollutions
- Lower the temperature
- Better Water Quality
- Wildlife

Tree Board Members 2019

Sandy Lynch (President)
Kelsey Sears (Secretary)
Jack Martin (Treasurer)
TJ Houghtalen
Nick Snyder
Vince Baker (Urban Forester)
Rick Taylor (Council Liaison)
Acer campestre

**Hedge Maple**

Zone: 5  
Height: 30'  
Spread: 30'  
Shape: Dense and rounded  
Foliage: Dark green, glossy  
Fall Color: Yellowish  
**INSECT RESISTANCE:** Japanese beetle  
A low maintenance, tough tree which adapts well to urban settings. Medium slow in growth rate and long lived. Attractive corky bark is striking in the winter.

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Acer campestre ‘Panacek’

**Metro Gold Maple**

Zone: 5b  
Height: 35'  
Spread: 20'  
Shape: Upright narrow oval  
Foliage: Dark green  
Fall Color: Bright yellow  
**INSECT RESISTANCE:** Japanese beetle  
This is an excellent street tree selection from a species that has earned a reputation as a tough urban tree. Upright and narrow in form, it is much more slender than seedling hedge maple and a better fit for narrow city streets. It produces fewer seeds than typical of the species and has an improved, bright yellow fall color.

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Acer campestre ‘Evelyn’

**Queen Elizabeth Maple**

Zone: 6  
Height: 35'  
Spread: 30'  
Shape: Upright branching, oval  
Foliage: Dark green  
Fall Color: Yellowish  
**INSECT RESISTANCE:** Japanese beetle  
More vigorous and upright growing than typical Hedge Maples, this medium sized shade tree has upright branch angles of 45 degrees as opposed to the horizontal or sometimes downward growing branches typical of the species. Rounded at maturity, it is a handsome, symmetrical, and reliable city tree.
**Acer grandidentatum**

**Rocky Mountain Glow Maple**

Zone: 4  
Height 25'  
Spread: 15'  
Shape: Oval  
Foliage: Dark green  
Fall Color: Yellow to orange-red  
This slow growing relative of the Sugar Maple is native to the Rocky Mountains. It is similar to Sugar Maple, but both leaves and tree are smaller. Intense fall color.

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**Acer glabrum**

**Rocky Mountain Maple**

Zone: 5  
Height: 25'  
Spread: 15'  
Shape: Oval  
Foliage: Medium green  
Fall Color: Yellow orange to red  
This wide ranging Western tree is native from SE Alaska through the Rocky Mountains. Deeply lobed, serrated leaves are borne on purplish red stems, accented in late summer by red-tinted samaras. Fall colors are bright, and red twigs enliven the winter landscape.

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**Acer griseum**

**Paperbark Maple**

Zone: 5  
Height: 25'  
Spread: 20'  
Shape: Upright spreading, rounded crown  
Foliage: Trifoliate, dark green  
Fall Color: Red  
A small tree of rare beauty, this trifoliate maple's compound leaves give it a delicate texture in summer, then display long lasting red fall color. Exfoliating orange-brown to cinnamon-brown bark creates year round interest.
Acer platanoides ‘Crimson King’

Crimson King Maple
Zone: 4  
Height: 40’  
Spread: 35’  
Shape: Oval when young, becoming rounded  
Foliage: Deep purple  
Fall Color: Maroon to reddish-bronze  
The most commonly used cultivar of the purple leafed Norway Maples, Crimson King retains its purple foliage color well from spring until fall.

Acer platanoides ‘Crimson Sentry’

Crimson Sentry Maple
Zone: 4b  
Height: 25’  
Spread: 15’  
Shape: Compact and dense, pyramidal to oval  
Foliage: Deep purple  
Fall Color: Maroon to reddish-bronze  
This bud sport of Crimson King shares the deep purple leaf color of its parent, but matures to a much smaller ultimate size. A very compact, heavily branched, upright tree.

Acer platanoides ‘Emerald Queen’

Emerald Queen Maple
Zone: 4  
Height: 50’  
Spread: 40’  
Shape: Dense oval, with upright spreading branches  
Foliage: Deep green, reddish tint in spring  
Fall Color: Yellow  
Emerald Queen™ is probably the most widely used Norway Maple cultivar. In many respects it is the best green leafed selection. It forms a well shaped oval tree with good environmental tolerance and reliable yellow fall color.
**Acer platanoides 'Columnarbroad'
**

**Parkway Maple**

Zone: 3  
Height: 40'  
Spread: 25'  
Shape: Oval, with good central leader  
Foliage: Dark green  
Fall Color: Yellow  
*DISEASE RESISTANCE:* Verticillium tolerant

Parkway is one of the best Norway Maples for city use because of its pyramidal to oval shape, well behaved branching and strong central leader. It has proven to be a healthy tree and is ideal for use along city streets and boulevards.

**Acer platanoides 'Conzam'
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**Conquest Maple**

Zone: 4  
Height: 40'  
Spread: 20'  
Shape: Narrow oval  
Foliage: Reddishpurple new growth, matures to bronze green  
Fall Color: Bronzeorange  
Of lighter purple foliage color and intermediate in form between Crimson King and Crimson Sentry, this upright tree grows quickly with a sturdy trunk caliper. Its narrowly oval shape at maturity is ideal for street use.

**Acer platanoides 'Princeton Gold'
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**Princeton Gold Maple**

Zone: 4  
Height: 35'  
Spread: 30'  
Shape: Oval  
Foliage: Bright yellow  
Fall Color: Yellow  
Princeton Gold is characterized by yellow foliage, particularly bright on new growth. The overall coloration is similar to Sunburst Honey locust.
Acer rubrum ‘Brandywine’

Brandywine Maple
Zone: 4
Height: 40’
Spread: 30’
Shape: Oval
Foliage: Dark green
Fall Color: Deep red
Fruit: Seedless
Introduced by the National Arboretum, Brandywine is a cross of October Glory and Autumn Flame. Seedless, it produces deep red fall color ten days later than most red maples and has proven to be well adapted in the South.

Acer rubrum ‘Karpick’

Karpick Maple
Zone: 4
Height: 40’
Spread: 20’
Shape: Narrow oval
Foliage: Green
Fall Color: Yellow to orange
Narrow when young, becoming oval with age, it has an excellent form for use as a street tree.

Acer rubrum October Glory

October Glory Maple
Zone: 5
Height: 40’
Spread: 35’
Shape: Broadly oval to round
Foliage: Medium green, glossy
Fall Color: Deep red to reddish-purple
October Glory is a round headed selection which is the last cultivar to color in the fall. While it is less cold hardy than most cultivars, it seems to be better adapted to areas with mild winters and hot summer temperatures.
**Acer rubrum 'Red Rocket'**

**Red Rocket Maple**

Zone: 3  
Height: 38'  
Spread: 15'  
Shape: Upright, narrow  
Foliage: Green  
Fall Color: Orange red to red  
Fruit: Seedless  

Narrow and upright, this red maple appears to be as tight as Bowhall, but a little slower growing. From a Minnesota seed source, it is one of the most cold hardy cultivars. Fall color is very bright, orange red to red.

**Acer saccharum 'Bailsta'**

**Fall Fiesta Maple**

Zone: 4  
Height: 50'  
Spread: 40'  
Shape: Broadly ovate  
Foliage: Dark green  
Fall Color: Orange, red, and yellow  

*INSECT RESISTANCE: Japanese beetle*  
Sturdy and compact when young, this cultivar matures to become a full size specimen with an especially symmetrical crown and thick dark green summer foliage. Autumn brings on a mix of orange, red, and yellow colors.

**Acer saccharum 'Green Mountian'**

**Green Mountain Maple**

Zone: 3  
Height: 50'  
Spread: 40'  
Shape: Broadly oval  
Foliage: Dark green  
Fall Color: Reddish-orange to red  

*INSECT RESISTANCE: Japanese beetle*  
Green Mountain is the standard for comparison in Sugar Maples. It is the most widely planted selection and has proven over time. It is probably the hardiest Sugar Maple and is the best choice northern areas. It provides reliable fall color.
Carpinus betulus ‘Fastigiata’

Pyramidal European Hornbeam

- Zone: 5
- Height: 35’
- Spread: 25’
- Shape: Dense compact, narrow when young, becoming oval
- Foliage: Dark green
- Fall Color: Yellow
- Symmetrical and formal in appearance. It is heat and drought resistant, and seems to be relatively free of disease and pest problems.

Carpinus betulus

Emerald Avenue Hornbeam

- Zone: 5
- Height: 40’
- Spread: 28’
- Shape: Broadly pyramidal to ovate.
- Foliage: Deep green
- Fall Color: Yellow
- A stout trunk, strong central leader, sturdy branch arrangement. Maintains healthy deep green foliage, thanks to its superior heat tolerance.

Carpinus caroliniana

Palisade American Hornbeam

- Zone 5
- Height: 30’
- Spread: 15’
- Shape: Upright narrow oval
- Foliage: Green
- Fall Color: Yellow orange
- Palisade forms an upright oval canopy with ascending branches and excellent density. It brings a uniform street tree appearance to an otherwise variable species. Attractive sinewy gray bark forms on mature trees.
Cladrastis kentukea

Yellowwood
Zone: 4
Height: 30'
Spread: 40'
Shape: Round
Foliage: Bright green
Fall Color: Brilliant yellow
Flowers: White, in long clusters, fragrant
Showy cascades of fragrant white pea-like blooms are spectacular in May and June.
Compound leaves and arching branches give an elm-like shape to this urban-tolerant native shade tree.

Liquidambar styraciflua

Rotundiloba Sweetgum
Zone: 5b
Height: 45'
Spread: 25'
Shape: Pyramidal
Foliage: Bright green, rounded lobes
Fall Color: Orange to purple
Fruit: Fruitless
This is the only Sweetgum known to be entirely fruitless. The foliage is completely unique among sweetgum cultivars, with smooth, rounded lobes

Nyssa sylvatica

Black Tupelo
Zone: 5
Height: 35'
Spread: 20'
Shape: Pyramidal when young, spreading and irregular with age
Foliage: Dark green, glossy
Fall Color: Hot coppery red
Rich green glossy foliage ignites with brilliant fall tones, ranging from scarlet to maroon, yellow and orange. Fissured grey bark provides winter interest. Adaptable to urban conditions including compacted and poorly drained soils and occasional drought.
Nyssa sylvatica 'Wildfire'

Wildfire Tupelo
Zone: 6
Height: 40'
Spread: 25'
Shape: Broadly pyramidal to oval
Foliage: Dark green, red new growth
Fall Color: Yellow orange to purplish
Fruit: Seedless
This tupelo offers an extra season of brightly colored foliage. Spring brings a surprising flush of deep red new growth, which continues as long as new leaves emerge. Summer foliage is green, changing to autumn tints of orange-yellow to purplish red.

Nyssa sylvatica

Gum Drop Tupelo
Zone: 5
Height: 30'
Spread: 20'
Shape: Upright oval
Foliage: Dark green, glossy
Fall Color: Bright red
Fruit: Seedless
Glossy dark green foliage, bright red autumn leaves and upright, oval form distinguish this standout tupelo. Improved density and slightly compact.

Nyssa sylvatica 'Haymanred'

Red Rage® Tupelo
Zone: 5
Height: 35'
Spread: 20'
Shape: Broadly pyramidal
Foliage: Dark green, glossy
Fall Color: Bright red
Fruit: Seedless
DISEASE RESISTANCE: leaf spot
Discovered by plantsman Mike Hayman in southern Indiana, Red Rage features deep green, high gloss summer foliage that resists leaf spot, then turns bright red with the onset of fall weather.

Ulmus propinqua 'JFS-Bieberich'
Emerald Sunshine® Elm
Zone: 5
Height: 35’
Spread: 25’
Shape: Vase shaped
Foliage: Deep green
Fall Color: Yellow
**INSECT RESISTANCE:** elm leaf beetle
**DISEASE TOLERANCE:**
Dutch Elm Disease and phloem necrosis
Grown from seed collected in China, this sturdy, upright-growing elm was selected for superior performance on the hot, arid, windswept plains of western Oklahoma. Handsome, deeply corrugated leaves emerge coppery-bronze and mature to glossy green. Insect resistant and tolerant of heat and drought, it is a fast-growing, tough and adaptable shade tree.

*Ulmus* ‘Patriot’

**Patriot Elm**
Zone: 4
Height: 50’
Spread: 40’
Shape: Stiffly upright, narrow vase shape
Foliage: Dark green
Fall Color: Yellow
**DISEASE TOLERANCE:**
Dutch Elm Disease and phloem necrosis
This National Arboretum introduction features stiffly ascending branches, resulting in a narrower vase shaped crown than most elm cultivars. A complex hybrid derived from *Ulmus wilsoniana*, *U. pumila*, *U. carpinifolia*, and *U. glabra*, its boldly textured foliage is especially dark green.

*Ulmus wilsoniana* ‘Prospector’

**Prospector Elm**
Zone: 4b
Height: 40’
Spread: 30’
Shape: Vase shaped
Foliage: Deep green, glossy
Fall Color: Yellow
**INSECT RESISTANCE:** elm leaf beetle
**DISEASE TOLERANCE:**
Dutch Elm Disease and phloem necrosis
This cultivar forms a broadly vase shaped crown at an early age, and provides the form and toughness of the American Elm without its problems. This National Arboretum introduction has proven to be widely adaptable to climatic extremes.
**Ulmus ‘Frontier’**

**Frontier Elm**

Zone: 5  
Height: 40’  
Spread: 30’  
Shape: Vase to oval  
Foliage: Glossy green  
Fall Color: Burgundy  

**Disease Tolerance:**

Dutch elm disease and phloem necrosis  
‘Frontier’ features beautiful reddish-purple to burgundy fall color which is particularly long lasting. A U.S. National Arboretum introduction, it is a hybrid of *U. carpinifolia* and *U. parvifolia*.

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**Zelkova serrata**

**City Sprite Zelkova**

Zone: 5  
Height: 24’  
Spread: 18’  
Shape: Compact oval to vase shape  
Foliage: Bright green, fine textured  
Fall Color: Yellow  

Compact, dense, and semi-dwarf, this is the perfect little tree for tight urban spaces. Summer foliage appears brighter green than typical Zelkova. Short internodes, fine textured foliage, and a self pruning growth habit promise a low maintenance city tree.

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**Syringa reticulata ‘Ivory Silk’**

**Ivory Silk Japanese Tree Lilac**

Zone: 4  
Height: 20’  
Spread: 15’  
Shape: Upright spreading becoming rounded  
Foliage: Dark green  
Flower: Creamy white panicles  

Large plumes of small white flowers smother its branches in early summer.