



## 2016 Tree Guide



Green-Up Landscape & Garden Center  
5170 W. Grand River  
Fowlerville, MI 48836

**(517) 223-2070**

**Please Call for Availability**

# GLOSSARY

## Flowering Trees

### WHITE

- Sargentina Crabapple	3
- Lollipop Crabapple	4
- Sugar Tyme Crabapple	5
- Spring Snow Crabapple	6
- Snow Fountain Weeping Cherry	7
- Autumn Brilliance Serviceberry	8
- Flowering Dogwood	9
- Cleveland Select Pear	10
- Jack Flowering Pear	11
- Ivory Silk Japanese Lilac Tree	12

### PINK

- Coralburst Crabapple	13
- Louisa Crabapple	14
- Royal Fountain Crabapple	15
- Profusion Crabapple	16
- Royal Raindrops Crabapple	17

## Non-Flowering Trees

- Japanese Maple	18
- Purple Fountain Beech	19
- Tri Color Beech	20
- Crimson King Norway Maple	21
- Crimson Sentry Norway Maple	22
- European Hornbeam	23
- Red Maple	24
- Black Gum	25
- Katsura Tree	26
- River Birch	27
- Honeylocust	28
- Scarlet Oak	29

## GLOSSARY

- London Plane (Sycamore)	30
- Gingko	31

### Evergreen Trees

- Concolor Fir	32
- Norway Spruce	33
- White Spruce	34
- White Pine	35

# Sargentina Crabapple

*Malus sargentii*



A dense, dwarf form of the Sargent Crabapple whose profuse bright red buds open to single white flowers in spring. Blooms mature to small 1/4 inch red fruit with high wildlife value in late summer. Its dense, spreading crown and zigzagging branches add to the appeal, often making the tree wider than it is tall. Ideal choice for wild and habitat gardens. Striking as a single specimen or in groups.



## Mature Size

Grows to a height of 4-6' and a spread of 5-6' wide



## Growth Rate

Slow - height increases less than 12" per year



## Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



## Soil Preference

Grows in all textures of soil, alkaline to acidic. Prefers moist, well-drained soils but is adaptive



## Attributes

- Produces fragrant clusters of snowy white blooms in May
- Transplants easily and is adaptive
- Has a dense, aesthetically pleasing crown
- Self-fertile meaning it depends on insects to transfer pollen between its own flowers
- Can be pruned to maintain more regular shape
- Fruits are favored by a variety of wildlife such as robins, pheasant, rabbit and fox

# Lollipop Crabapple

*Malus lollizam*



A small, uniform tree with a compact, rounded crown. Clusters of fragrant white flowers spread across branches in mid spring which later mature into 1/2 inch amber-gold fruits. These fruits persist through late winter, attracting an array of wildlife. Low maintenance, needing little to no pruning.



## Mature Size

Grows to a height of 8-10' and a spread of 8-10' wide



## Growth Rate

Slow - height increases less than 12" per year



## Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



## Soil Preference

It prefers average to moist soil conditions but is not particular as to soil type or pH



## Attributes

- Produces fragrant clusters of snowy white blooms in May
- Transplants easily and is adaptive
- Has a dense, aesthetically pleasing crown
- Retains shape leaving little to no maintenance at all
- Fruits are persistent so by the time they fall off in early spring, they are withered / gone

# Sugar Tyme Crabapple

*Malus sutyzam*



An upright, oval shaped, deciduous tree which contains pale pink buds that open to fragrant, single, white flowers in the spring. Flowers are followed by masses of small, glossy, red crabapples 1/2 inch wide which mature in the fall and persist well into the winter. The fruits are attractive to birds. Slender, ovate, serrate, dark green leaves.



## Mature Size

Grows to a height of 15-18' and a spread of 13-15' wide



## Growth Rate

Moderate - under ideal conditions can be expected to live for 50 years or more



## Sun Preference

Plant prefers full sun for best flowering and fruiting



## Soil Preference

Grows best in loamy, moist, well drained, acidic soils but adapts to a wide range of soil types



## Attributes

- Excellent disease and insect resistance
- Produces fragrant clusters of snowy white blooms
- Persistent fruits great for winter color and wildlife attraction
- Transplants easily and is adaptive
- These do well in polluted or acidic soils

# Spring Snow Crabapple

*Malus 'spring snow'*



A dense, oval upright tree with bright green leaves, turning yellow in the fall. Fragrant, single, white flowers appear in mid-spring but do not bear fruit. Notable for its tolerance to pollution and attraction for butterflies and other pollinators.



#### Mature Size

Grows to a height of 20-25' and a spread of 20-25' wide



#### Growth Rate

Moderate



#### Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



#### Soil Preference

Best grown in acidic, organically rich, medium moisture, well-drained, sandy loams



#### Attributes

- Produces fragrant clusters of snowy white blooms
- Non fruit bearing variety
- Needs little to no maintenance to keep round shape
- Fragrant flowers attract butterflies
- Adaptable and resistant to pollution

# Snow Fountain Weeping Cherry

*Prunus snofozam*



Truly a magnificent specimen! This beauty has a cascading habit and compact growth that continues to develop more splendidly each season. In spring it displays a floral cloak of pure white so beautiful it rivals any flowering ornamental. Prune back after flowering to maintain shape. Very hardy, disease and insect resistant. Dark green leaves turn gold and orange in autumn.



## Mature Size

Grows to a height of 3-5' and a spread of 6-8' wide



## Growth Rate

Moderate



## Sun Preference

Full sun to partial shade



## Soil Preference

Grow in average, medium moisture, well-drained soils



## Attributes

- Aesthetically pleasing weeping shape
- Requires maintenance to retain shape and branch height
- Disease and insect resistant

# Autumn Brilliance Serviceberry

*Amelanchier grandiflora*



This is a small, deciduous, usually multi-trunked understory tree or tall shrub. Flowers bloom in April followed by edible fruits (3/8" diameter) in June (hence the sometimes used common name of Juneberry for amelanchiers). Finely-toothed, oval-lanceolate leaves emerge with bronze tints in spring, mature to dark green from late spring throughout summer before finally turning brilliant red to orange-red in fall.



## Mature Size

Grows to a height of 15-25' and a spread of 15-25' wide



## Growth Rate

Moderate



## Sun Preference

Full sun to partial shade



## Soil Preference

Easily grown in average, medium, well-drained soil



## Attributes

- Showy all year round from pink buds, to white flowers / green leaves, to red-orange leaves
- Creates edible fruits
- Attracts song birds and other nature
- Irregular multi-trunked base

# Flowering Dogwood

*Cornus florida*



This elegant looking tree grows upon a single trunk or multiple trunks, no wider than around 8" in diameter. Its shape gives it a squat appearance, with many spreading branches. The leaves of Dogwoods are around five inches long and two inches wide. They start green but turn red in the fall. In the spring it displays a four leafed white flower which later turns to bright red berries.



#### Mature Size

Grows to a height of 20-30' and a spread of 20-30' wide



#### Growth Rate

Moderate



#### Sun Preference

Full sun to partial shade



#### Soil Preference

Easily grown in average, medium moisture, well-drained soils. Prefers acidic soils



#### Attributes

- Showy white flowers in spring
- Produces attractive bright red berries
- Uniquely shaped flower
- Tolerant to most soils
- Attracts wildlife with flowers and berries

# Cleveland Select Pear

*Pyrus Calleryana 'Cleveland Select'*



This is an excellent street tree with dense white flowering in early spring and deep maroon-red color in the fall. It has an attractive upright oval form and glossy green leaves. This pear has a superior branch structure that withstands ice and wind damage better than the Bradford Pear. It is fruitless, has few pest problems and is tolerant to urban conditions, and heavy clay soils.



#### Mature Size

Grows to a height of 20-30' and a spread of 10-15' wide



#### Growth Rate

Fast



#### Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



#### Soil Preference

Prefers rich, well-draining loam but it also grows in heavy clay and poor soils



#### Attributes

- Produces slightly fragrant, dense white blooms in early spring
- Tolerant of poor soils, heavy clay, and drought making it easily transplanted and adaptable
- Upright, narrow shape makes it an ideal tree for yards with limited space
- Attractive shiny green foliage turns a spectacular array of burgundy red-orange in the fall
- Hardy wood and thicker branches make it stronger than its cousin the Bradford Pear

# Jack Flowering Pear

*Pyrus calleryana 'JacZam'*



Versatile, vigorous ornamental tree, highly resistant to disease. White blooms appear before leaves emerge. Golden fall color with hues of red. Ideal for urban landscapes. Problem-free yard accent, lawn or street tree with shorter stature, perfect under power lines. Produces scant half inch yellow-green fruit. Deciduous.



#### Mature Size

Grows to a height of 15-20' and a spread of 10-12' wide



#### Growth Rate

Slow



#### Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



#### Soil Preference

Prefers moist but well drained soils



#### Attributes

- Ideal specimen for tight or small spaces
- Bright white blossoms appear before foliage starts to emerge
- Glossy leaves produce a fall color that can be orange-red and/or yellow
- Very disease resistant
- Produce  $\frac{1}{2}$  inch light green fruit

# Ivory Silk Japanese Lilac Tree

*Syringa reticulata 'Ivory Silk'*



This lilac is a small tree or large shrub which typically grows 20-25' tall with a rounded crown. Creamy white, fragrant, single flowers are arranged in dense, terminal clusters. They bloom later than most other species of lilac (late May to early June). Elliptic to ovate, dark green leaves (to 5" long). Attractive reddish-brown bark.



#### Mature Size

Grows to a height of 20-25' and a spread of 15-20' wide



#### Growth Rate

Slow



#### Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



#### Soil Preference

Prefers rich, moist, slightly acidic to slightly alkaline soils



#### Attributes

- Showy, fragrant flowers attract hummingbirds and butterflies
- Considered to be a low maintenance plant with excellent disease resistance
- Little pruning needs to be done in order to keep its shape
- Deer resistant with ornamental appeal

# Coralburst Crabapple

*Malus coronaria*



This is a breath taking tree. Its compact, dense, round to ovate shape with dark green foliage complements coral pink buds which open to double rose-colored flowers. Bronze colored fruit, roughly 1/2" in size add to its appeal. Disease resistant to scab, fireblight, cedar-apple rust and mildew, this is a tolerant tree that transplants easily.



## Mature Size

Grows to a height of 8-15' and a spread of 8-15' wide



## Growth Rate

Slow to moderate



## Sun Preference

Full sun to partial shade



## Soil Preference

Loamy, medium, well-drained soils



## Attributes

- Round, compact, densely branched crown
- Single, dark pink buds to light pink flowers bloom before leaves emerge
- Flowers are followed by small, bronze crabapples
- Small, narrow leaves are medium green in the summer
- Foliage turn yellow in the fall

# Louisa Crabapple

*Malus 'louisa'*



This beautiful weeping tree has single, pink, weeping flowers in spring. In summer, the fruit is yellow and contrasts nicely against the dark green foliage. Grows in narrow form so it doesn't take up much room as some other crabapples do. Disease resistant makes it a highly favorable tree.



## Mature Size

Grows to a height of 12-18' and a spread of 12-18' wide



## Growth Rate

Moderate



## Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



## Soil Preference

Best grown in acidic, organically rich, medium moisture, well-drained, sandy loams



## Attributes

- Unique weeping shape
- Light pink showy blossoms
- Attracts different kinds of pollinators
- Adaptable and resistant to pollution

# Royal Fountain Crabapple

*Malus huber*



Graceful, weeping tree exhibiting good branching habits at a young age. Foliage emerges a deep purple and matures to bronze-green. Unique in form and color provides an aesthetically pleasing piece for landscapes.



## Mature Size

Grows to a height of 10-15' and a spread of 15-18' wide



## Growth Rate

Moderate



## Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



## Soil Preference

Thrive in rich loamy soils that are slightly acidic and drain well



## Attributes

- Provides a unique weeping shape appealing to many
- Produces a rich deep purple bloom during the spring
- Dark fruits stand out on bright green leaves most of the season
- Transplants easily and is adaptive

# Profusion Crabapple

*Malus moerlandsii*



Make this a strong ornamental point of your landscaping! This specimen offers a stunning profusion of scarlet-burgundy flowers, deep red, winter-persistent fruit and disease resistance. Its relatively small stature makes for a nice multiple planting. Fruits are  $\frac{1}{2}$  inch in diameter and will attract wildlife. The 3-inch, oval leaves pop out amid the branches in a delightful red shade. As time passes, you'll see those bright leaves transition to green and then bronze for autumn.



## Mature Size

Grows to a height of 15-30' and a spread of 20-35' wide



## Growth Rate

Moderate



## Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



## Soil Preference

Best grown in medium moisture, well-drained, acidic loams in full sun although adaptable



## Attributes

- Beautiful scarlet-burgundy flowers that blossom in the spring
- Fruit persists into winter, drawing an array of wildlife
- Leaves transition from green to bronze in autumn
- Compact ornamental shape

# Royal Raindrops Crabapple

*Malus 'royal raindrops'*



Eye popping magenta pink blooms, deep purple foliage, sparkling red fruits and bright fall color give this flowering ornamental all-season appeal. Superior disease resistance, adaptability, plus heat and drought tolerance make this crabapple unique and a crown jewel. Unique shaped leaves and uniform branches add to its appeal.



## Mature Size

Grows to a height of 15-20' and a spread of 10-15' wide



## Growth Rate

Moderate



## Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



## Soil Preference

Prefers to grow in average to moist conditions, and shouldn't be allowed to dry out



## Attributes

- Highly tolerant of pollution and disease
- Attractive deep purple foliage throughout the season
- Produces showy red pomes carried in abundance into early fall
- Excellent upright form, density, and branching

# Japanese Maple

*Acer palmatum*



This unique specimen presents an array of characteristics depending on the variety chosen. The crown is either a showy display of feathery or broad palmate leaves which are green, bronze or purple depending on the time of year. It can be found in single or multi-stemmed versions. Usually prefers filtered shade although some full sun varieties are available. May suffer leaf scorch with excess sun, wind, or drought.



## Mature Size

Grows to a height of 6-25' and a spread of 5-15' wide depending on variety



## Growth Rate

Slow to Moderate



## Sun Preference

Dappled shade (Full sun varieties available)



## Soil Preference

Moist, well-drained soil



## Attributes

- Uniquely shaped palmate leaves
- Attractive color variations all year round
- Can be temperamental depending on variety chosen
- Many forms available depending on buyer's landscape needs

# Purple Fountain Beech

*Fagus sylvatica*



Round purple leaves cover the cascading branches of this weeping tree. An upright form with a defined trunk gives it a columnar shape. Deciduous by nature. Leaves start out in the summer as dark purple but fade in intensity as the summer progresses. For the best color formation, plant this species in full sun. It likes a well-drained site but is forgiving. Once established it is considered to be drought tolerant.



#### Mature Size

Grows to a height of 15-25' and a spread of 10-15' wide



#### Growth Rate

Slow - height increases less than 12" per year



#### Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



#### Soil Preference

Grows best in dry to moderately moist soils



#### Attributes

- Aesthetic weeping look adds variety to landscapes
- Dark purple leaves provide a pop of color throughout the season
- Drought tolerant
- Transplants easily and can thrive just about anywhere

# Tri Color Beech

*Fagus sylvatica 'Tri Color'*



The tri color beech is a striking tree that you won't soon forget. Leaves are variegated and come in many variations of green, pink, and white. They turn copper in the fall and are wavy, oval, 4" long and 2" wide. Tri color beech has both male and female flowers on the same tree. They usually appear April-May and are not very showy. The form is a broad, rounded pyramid. Do not produce a nut like other beech trees.



## Mature Size

Grows to a height of 25-40' and a spread of 30' wide



## Growth Rate

Slow - height increases less than 12" per year



## Sun Preference

Prefers filtered shade but can tolerate full sun



## Soil Preference

Prefers well-drained, moist, and slightly acidic soil



## Attributes

- Displays a beautiful crown of variegated green, pink & white leaves
- Great shade tree at full maturity
- Tolerant of a wide range of soils
- Can be pruned in winter to a preferred shape if desired

# Crimson King Norway Maple

*Acer platanoides 'Crimson King'*



Quite popular for its purple-green foliage throughout the summer, leaves will turn bronze in the fall before dropping. Its dense, symmetrical crown makes it a great shade tree. Like most large maples, it is shallow rooted and, combined with its dense canopy of leaves, a strong competitor for other plants growing near it.



## Mature Size

Grows to a height of 35-45' and a spread of 25-40' wide



## Growth Rate

Moderate



## Sun Preference

Full sun to partial shade



## Soil Preference

Tolerant of most soil types except poorly drained soil



## Attributes

- Attractive deep burgundy leaves provide a unique color to landscapes
- Large dense crown makes it a great shade tree
- Easily transplanted and adaptable to many soil types
- Two winged seeds attracts birds, squirrels, and other wildlife

# Crimson Sentry Norway Maple

*Acer platanoides 'Crimson Sentry'*



A heavily-branched, upright tree that fits well into residential gardens or other areas where a smaller tree is desired. The compact, narrow canopy displays deep purple leaves that become maroon to reddish-bronze in fall. Smaller in size compared to the Crimson King. This deciduous tree is pollution-tolerant and thrives in almost any soil.



#### Mature Size

Grows to a height of 20-25' and a spread of 10-15' wide



#### Growth Rate

Moderate



#### Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



#### Soil Preference

This species is very tolerant of a wide array of urban soils. It is considered drought tolerant.



#### Attributes

- Adds great color contrast foliage to landscapes
- Small, compact size makes it suitable for smaller areas
- Tolerant of most soils as long as they are well drained
- Particularly well suited for colder temperatures

# European Hornbeam

*Carpinus betulus 'Fastigiata'*



An attractive, columnar tree with dense branches when young, spreading into a broad cone shape with age. Clean looking dark green foliage turns yellow-orange in fall. Great for screens and street trees. Not a showy tree, but it is durable and long-lived.



## Mature Size

Grows to a height of 35-45' and a spread of 25-35' wide



## Growth Rate

Moderate



## Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



## Soil Preference

Does best in well-drained soils, but tolerates wide range of soil conditions



## Attributes

- Columnar shape makes them a great tree for screens or narrow spaces
- Hardy wood makes them durable and long lived
- Serrated foliage provides texture to landscapes
- Yellow orange leaves in the fall help add aesthetic ambiance throughout the season

# Red Maple

*Acer rubrum* - 'Red Sunset', 'Franksred', 'Jeffersred', 'Sun Valley', 'Somerset'



When fall arrives, prepare yourself for some of the most spectacular autumn displays you'll ever witness. Retaining an attractive gloss all season long, the red maples are known for their vibrant leaves which change from a deep green to fire engine red during the fall. Available in different sizes, its strong wood and quick growth rate make it a preferred specimen with cultivators.



## Mature Size

Grows to a height of 40-60' and a spread of 40-60' wide (Red Sunset, Franksred, Jeffersred)  
Grows to a height of 20-25' and a spread of 10-15' wide (Sun Valley & Somerset)



## Growth Rate

Moderate to fast



## Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



## Soil Preference

Very tolerant of all soils but prefers slightly acidic soil with moist conditions



## Attributes

- Lustrous glossy green summer foliage turns brilliant shades of red during the fall
- A dense crown makes this an adequate shade tree
- Fast growing, hardy and long lasting
- Adaptable to different sun and soil conditions making it easy to transplant

# Black Gum

*Nyssa sylvatica*



A medium size tree, the Blackgum is most well-known for its rich fall color. It displays dark green leaves that are ovate, obovate or elliptical during the summer. In the fall, foliage turns to shades of orange, red, and yellow. When young, it usually is formed into a pyramidal shape. Over the years it can be oval, irregular or horizontal in shape.



## Mature Size

Grows to a height of 30-60' and a spread of 20-35' wide



## Growth Rate

Slow



## Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



## Soil Preference

Needs soil that is acidic and that allows water to drain away from the roots



## Attributes

- Little to no pruning is required to form this well-structured tree
- Free of serious pests and diseases
- Showy fall color makes it a centerpiece in home landscapes
- Hardy wood gives it a strong trunk sure to outlast high winds

# Katsura Tree

*Cercidiphyllum japonicum*



Dependable choice for beautiful seasonal foliage display. New foliage is bronzy in spring, blue-green in summer, turning orange to golden yellow in fall. Pyramidal form when young. A dense crown makes it great for shade. Available in weeping forms.



## Mature Size

Grows to a height of 40-50' and a spread of 25-35' wide



## Growth Rate

Slow



## Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



## Soil Preference

Does best in deep, permanently moist, but draining, soils



## Attributes

- Richly colored, heart shaped leaves make this an eye catching tree all year round
- Thrives in soils with high moisture content
- Available in upright or weeping form

# River Birch

*Betula nigra*



A truly unique specimen. The trunk of this tree often is short, branching into several large limbs that grow upward. The bark of younger trees is pinkish to reddish brown. When older it is shaggy and silver-gray to black. The River Birch favors moist soils and typically is found growing on stream banks and in swampy lowlands.



#### Mature Size

Grows to a height of 40-60' and a spread of 40-60' wide



#### Growth Rate

Moderate meaning it increases of anywhere from 13" to more than 24" per year



#### Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



#### Soil Preference

Favors moist soils



#### Attributes

- Attracts birds and wildlife but is deer resistant
- Can endure extreme cold temperatures
- Prefers moist soils making this a great stabilizer of eroding banks
- Attractive park give it an aesthetic look all season long

# Honeylocust

*Gleditsia triacanthos - 'Skyline', 'Imperial'*



This is a tough, medium-sized tree that casts light shade preventing the overkill of lawn grasses. Inconspicuous, greenish yellow to greenish white flowers appear in racemes in late spring. Flowers are followed by long, twisted, and flattened, dark purplish-brown seedpods (to 18 inches long) that mature in late summer and persist well into winter. This is a thornless variety with a stronger upright growth form, few seed pods, and excellent yellow fall color.



#### Mature Size

Grows to a height of 30-70' and a spread of 40-50' wide



#### Growth Rate

Fast



#### Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



#### Soil Preference

Tolerant of almost all soil types



#### Attributes

- Foliage produces filtered shade so it won't kill the grass around it
- Ornamental seed pods form and persist through the winter
- Soil tolerance makes it adaptable and easy to transplant
- Thornless variety compared to other versions

# Scarlet Oak

*Quercus coccinea*



Scarlet Oak is an autumn show-stopper with its brilliant, scarlet display highly visible from a distance. Beyond its dazzling fall presentation, this oak is also valued as a shade tree. It features a rounded, full crown. Its leaves are 6-inches long with deeply-cut lobes and a shiny green appearance. With no significant pest or disease problems, is considered long-lived, low-maintenance and hardy.



## Mature Size

Grows to a height of 60-70' and a spread of 40-50' wide



## Growth Rate

Medium



## Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



## Soil Preference

Widely adaptable



## Attributes

- Autumn color and overall excellence as a shade tree
- Fast growing and hardy
- Drought tolerant and easily transplanted relative to other Oaks
- Adaptable to different conditions

# London Plane (Sycamore)

*Platanus x acerifolia*



These trees, with their trunks of exfoliating bark making them look to be covered in military camouflage, are recognizable from a hundred yards away. A hybrid between the American sycamore (*Platanus occidentalis*) and the Oriental plane (*Platanus orientalis*), the London Plane tree is a large deciduous tree that is quite resilient in urban conditions.



## Mature Size

Grows to a height of 60-90' and a spread of 65-80' wide



## Growth Rate

Medium



## Sun Preference

Full sun is the ideal condition for this tree (6+ hours of direct unfiltered sun each day)



## Soil Preference

Widely adaptable



## Attributes

- Unique bark provides visual appeal and texture in landscapes
- Dense crown makes them a fairly adequate shade tree
- Tolerant of various soil conditions and sunlight requirements

# Ginkgo

*Ginkgo biloba*



An unusual ornamental tree famous for its interesting leaf shape and vibrant foliage. The male version sold here does not bear fruit which fall to the ground causing a sticky mess. Because it does not bear fruit, the male Ginkgo also does not emit the terrible smell that the female variety is renowned for. Adaptable to many different types of soil, the Ginkgo is resistant to pests, and will be drought resistant in maturity.



#### Mature Size

Grows to a height of 40-70' and a spread of 30-40' wide



#### Growth Rate

Fast



#### Sun Preference

Full sun to partial shade



#### Soil Preference

Widely adaptable



#### Attributes

- Unique bilobed leaf changes from lime green to bright yellow during the fall
- Strongly adaptable to various soil conditions
- Pest and drought resistance make it a suitable tree for any area
- Male specimens available to avoid the smell of flowering/fruiting females

# Concolor Fir

*Abies concolor*



Also known as the White Fir, this compact evergreen has soft, flattened, pale blue-green needles. When crushed, its needles produce a fragrant smell of citrus or orange. It does not shed its needles but holds them for 10 years or longer. Bottom branches lay low to the ground while upper branches grow upward. These do quite well in poor dry soils, but should not be planted in clay or poorly drained soils.



#### Mature Size

Grows to a height of 40-100' and a spread of 15-30' wide



#### Growth Rate

Moderate



#### Sun Preference

Full sun to partial shade



#### Soil Preference

Best grown in rich, medium moisture, slightly acidic, sandy/gravelly, well-drained soils



#### Attributes

- Fragrant, pale, blue-green needles adds color variation to landscapes
- Adaptable to many soil types and low moisture levels
- Tiered, low lying branches give this specimen a dense full look
- Thrive in areas with long winters

# Norway Spruce

*Picea abies*



The Norway Spruce is one of the fastest growing of all the spruces. As the tree grows older, the side branches become horizontal, turning upward at the tip. Secondary branches hang downward from the main branches, giving the tree a graceful appearance. Easily transplanted due to its shallow, spreading root system.



## Mature Size

Grows to a height of 40-60' and a spread of 25-30' wide



## Growth Rate

Moderate



## Sun Preference

Full sun to partial shade



## Soil Preference

Grows best on moist deep loam soils



## Attributes

- Dull or blunt points of the needles make this softer to the touch
- Strong centralized stem with orange colored stems and vibrant dark green needles
- Tolerant to high soil pH and various soil types
- Their full, dense shape make them great for screens and privacy fences

# White Spruce

*Picea glauca*



White spruce are a medium-sized conifer that have a cone shaped crown and blunt tipped, blueish-green needles. The bark is thin and scaly, flaking off in small circular plates. The root system of white spruce trees is highly variable and adaptable. They are tolerant to a considerable amount of shade but prefer full sun.



## Mature Size

Grows to a height of 50-100' and a spread of 25-30' wide



## Growth Rate

Moderate



## Sun Preference

Full sun to partial shade



## Soil Preference

Best grown in moist, acidic, loamy soils



## Attributes

- Occurs in a wide variety of soils and a range of different pH's
- Dull or blunt points of the needles make this softer to the touch
- Full dense shape make them an attractive specimen for landscapes & screens

# White Pine

*Pinus strobus*



The white pine is a large, straight-stemmed tree with a pyramidal crown. It usually grows where there are limestone outcroppings and porous soils with good internal drainage. The distinctive needles are 3 to 5 inches long, bluish green on the upper surface, whitish beneath and occurring in bundles of five. Soft to the touch, they remain on the tree for two years.



#### Mature Size

Grows to a height of 80-100' and a spread of 25-30' wide



#### Growth Rate

Fast



#### Sun Preference

Full sun to partial shade



#### Soil Preference

Grows best in fertile, moist, slightly acidic, well-drained soil



#### Attributes

- Long soft needles make this a cultivator favorite
- Full body shape makes it a prime specimen for landscape backdrops
- Winter hardy and adaptable to many different soil types