



## **Root Material 2023 Catalogue**

# Apple Trees

## Cortland

**Plant description:** ('Ben Davis' x 'McIntosh') New York, 1915. An older, well-known variety. Medium-sized and bright red with a sprightly tropical flavor. White flesh holds its color well after being cut. Excellent for eating and cooking.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun

**Zone:** 4-7

## Fireside

**Plant description:** ('McIntosh' x 'Longfield') University of Minnesota, 1943. Large, red striped fruit with a sweet, pleasant flavor. Excellent flavor good for eating. Good storage life. One of the most popular apples in Minnesota. Resistant to cedar-apple rust. Unsuitable pollinator for 'Connell Red'.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun

**Zone:** 4-7

## Freedom

**Plant description:** ('Macoun' x Antonovka x NY Selection) New York, 1985. The red fruit is large and good for eating, sauces and juice. The flesh is crisp and juicy with a slight tart flavor. The fruit will keep until January in cold storage. Very vigorous and productive tree. Developed for disease resistance. Immune to apple scab and resistant to mildew, cedar-apple rust and fireblight. Does not require fungicide sprays.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun

**Zone:** 4-7

### Goodland

**Plant description:** Manitoba, Canada, 1955. Open-pollinated seedling of Patten Greening. One of the best apples for colder regions. Does not tolerate prolonged periods of high temperatures. Washed red over creamy green. Flesh is crisp, juicy, tender and aromatic. Medium-sized fruit that is especially good for baking. Short storage life. Very hardy. Annual bearer. Good success reported in zone 2b.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun

**Zone:** 3-6

### Haralred®

**Plant description:** A Bailey Nurseries introduction, this red selection of 'Haralson' apple was discovered by Louis Lautz, an orchardist from La Crescent, MN. The fruit is redder and earlier than the standard 'Haralson', yet retains all the good qualities of 'Haralson': juicy, tart, firm, good keeper, extremely hardy and fireblight resistant. This is an excellent variety for northern United States and Canada. Unsuitable pollinator for 'Haralson'.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun

**Zone:** 3-7

### Honeycrisp

**Plant description:** ('Keepsake' x unnamed seedling) University of Minnesota, 1991. An exciting apple that is exceptionally crisp and juicy. Flavor is sweet but well-balanced. Excellent storage life, up to 7 months. Has been rated equal to or higher in overall quality than 'Haralson', 'Honeygold' or 'Keepsake' in winter storage trials. Ripens in late September in Minnesota and stores like a late season variety. Has become an outstanding commercial and home orchard variety because of its explosive crispness, flavor and storage life.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun

**Zone:** 4-7

## KinderKrisp

**Plant description:** Exceptional flavor and crisp texture, much like its parent Honeycrisp, this early ripening variety features much smaller fruit. Perfect size for snacking or kid's lunches, with a good balance of sweet flavors and a crisp, juicy bite. Outstanding variety for homeowners, flowering early in the season and ripening in late August, the fruit is best fresh from the tree, hanging on for an extended period.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun

**Zone:** 4-7

## Liberty

**Plant description:** ('Macoun' x Perdue 54-12) New York, 1964. A productive variety that was selected for its resistance to apple scab and cedar-apple rust. Crisp and juicy with a sprightly flavor. Keeps well into February. Does not require fungicide sprays. Does very well without spraying.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun

**Zone:** 4-7

## McIntosh

**Plant description:** ('Fameuse' x 'Detroit Red') Ontario, Canada, 1870. A well-known older apple that has a sprightly flavor and a medium storage life. Nearly solid, bright red skin. Heavy bearer. Good for eating and baking. Fruit tends to drop when ripe.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun

**Zone:** 4-7

### **Prairie Magic®**

**Plant description:** ('Goodland' x 'Mantet') From Manitoba, this apple stands out because of its superior cold hardiness. The flesh is white, crisp and sweeter than 'Goodland'. Delicious eaten out of hand and may also be used for cooking. Introduced by Jeffries Nurseries Ltd.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun

**Zone:** 3-6

### **State Fair**

**Plant description:** ('Mantet' x 'Oriole') University of Minnesota, 1978. Medium-sized red striped fruit. Flavor is sprightly tart and good for eating and baking. Good texture, semi-acid to sweet. All purpose apple. One of the better early apples for northern locations. Short storage life.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun

**Zone:** 3-6

### **Sweet Sixteen**

**Plant description:** ('MN447' x 'Northern Spy') University of Minnesota, 1978. Medium-sized red striped apple with crisp, juicy texture. Excellent sweet, unusual flavor - like cherry candy. Outstanding dessert apple. Fireblight resistant. Can be slow to come into bearing - better on dwarf rootstock. Good success in zone 3b.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun

**Zone:** 4-7

### **Wolf River**

**Plant description:** Wisconsin, 1875. An old variety, hardy and long lived. Best known for its large size - up to 5" diameter fruit. Color is pale yellow to green with carmine-red blushes and stripes. Primarily used as a cooking apple.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun. **Zone:** 4-7

### **Yellow Transparent**

**Plant description:** Russia, 1880. Skin is clear yellow and the flesh is white. Precocious and productive tree. Best used for cooking. Heavy producer. Pick before maturity for better storage life. Scab resistant.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun

**Zone:** 3-6

### **Zestar!**

**Plant description:** ('State Fair' x Minnesota selection) University of Minnesota, 1998. A wonderful new apple cultivar from the the University of MN. At last, an early apple that is crisp and juicy! Best known for its excellent sweet tart flavor. Has a much longer storage life than other early apples. Excellent for fresh eating and cooking. Ripens in late August in Minnesota.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun

**Zone:** 3-7

### **Chestnut Crabapple (Standard)**

**Plant description:** University of Minnesota, 1946. Originated in 1946 as an open-pollinated seedling of 'Malinda'. Pleasant nut-like flavor. Large crabapple (2" diameter). Outstanding flavor and good texture for fresh eating. Medium storage life. Hardy.

**Height:** Varies

**Spread:** Varies

**Exposure:** Full Sun

**Zone:** 2-7

<b>Apple</b>	<b>Early</b>	<b>Early-Mid</b>	<b>Mid</b>	<b>Mid-late</b>	<b>Late</b>
Cortland				X	
Fireside				X	
Freedom				X	
Goodland	X				
Haralred					X
Honeycrisp			X		
KinderKrisp	X				
Liberty			X		
McIntosh			X		
Prairie Magic			X		
State Fair		X			
Sweet Sixteen			X		
Wolf River			X		
Yellow Transparent	X				
Zestar!	X				
Chestnut Crabapple					

# Cherry Trees

## Mesabi – Self-fruitful

**Plant description:** Long stemmed, red-fleshed fruits with sugar content halfway between pie cherries and 'Bing' cherries. Pyramidal tree grows to a height of 12 feet. Fruit resembles 'Meteor' but pit is smaller. Blooms in early May.

**Height:** 10-14'

**Spread:** 15-18'

**Exposure:** Full Sun

**Zone:** 4-8

## North Star – Self-fruitful

**Plant description:** Genetic dwarf introduced by the University of Minnesota in 1950. Red fruit with a small stone. Very productive. A sour pie cherry. Blooms in early May.

**Height:** 8-10'

**Spread:** 6-8'

**Exposure:** Full Sun

## Lapin - Self-fruitful

**Plant description:** A big, beautiful dark mahogany red cherry. These are some of the largest and juiciest cherries that grow on trees. The sweet taste is wonderful for baking and cooking. Highly resistant to browning. Thrives in zone 4b, the southern area of 4.

**Height:** 15-20'

**Spread:** 10-12'

**Exposure:** Full Sun

# Pear Trees

## Luscious

**Plant description:** SDSU introduction 1973 (South Dakota E31 x Ewart). Juicy, sweet, medium to small bright yellow fruit. Blooms early May. Tree globe shaped. Glossy green foliage, red fall color. Excellent dessert pear for northern Great Plains. Fire blight resistant. Pollen-sterile, cannot be used to pollinate a second pear tree. 'Parker' is a good pollinator.

**Height:** 12-15'

**Spread:** 8-12'

**Exposure:** Full Sun

## Parker

**Plant description:** 1934 University of Minnesota introduction. Open-pollinated seedling of a Manchurian pear. Large, yellow-bronze fruit. Fine grained, tender and juicy. Upright and vigorous grower. Pollinator for 'Luscious'.

**Height:** 12-15'

**Spread:** 8-12'

**Exposure:** Full Sun

## Summercrisp

**Plant description:** MNRC - Recognized for many years as the hardiest pear from the University of Minnesota, released in 1985. Free of fireblight. An annual bearer. Fruit is pyriform in shape, 2.5-3" in diameter and 3-3.5" long. Blooms early in May. The fruit should be harvested in mid-August when crisp and still green with a red blush. Fruit harvested at that time is sweet and crisp, and may be stored up to 2 months. Use either 'Parker' or 'Patten' as pollinator.

**Height:** 12-15'

**Spread:** 8-12'

**Exposure:** Full Sun

**Zone:** 3-8

# Cherry Plum Trees

## Compass Cherry Plum - Self-fruitful

**Plant description:** Red - Excellent for jams, jellies, canning and sauces. Early bearing cross that yields fruit the second year after planting. Good pollinator for other varieties.

**Height:** 5-8'

**Spread:** 5-8'

**Exposure:** Full Sun

**Zone:** 3-8

## Newport Plum MN Strain

**\*typically not consumed by humans, but is edible and safe\***

**Plant description:** This superior small ornamental tree has beautiful reddish-purple foliage with bright red tips all summer long. One of the first trees to bloom in spring, it has fragrant pink flowers that are followed by purple fruit. 'Newport' was introduced in 1923 by the University of Minnesota.

**Height:** 15-20'

**Spread:** 15-20'

**Shape:** Rounded

**Exposure:** Full Sun

**Zone:** 4-8

# Plum Trees

## Mount Royal - self-fruitful

**Plant description:** Blue - European Plum. Good eaten off tree. Excellent for dessert, jam and preserves. Tender, juicy flesh. Considered the best blue cultivar in Wisconsin and Minnesota.

**Height:** 8-12'

**Spread:** 6-10'

**Exposure:** Full Sun

**Zone:** 4-8

## Waneta

**Plant description:** Red - South Dakota Experiment Station introduction, 1913. Produces well the first season after planting. One of the best market plums. Fruit is large, red, sweet, juicy and of good quality.

**Height:** 10-15'

**Spread:** 8-12'

**Exposure:** Full Sun

**Zone:** 3-8

## BlackIce

**Plant description:** BlackIce™ is a cross between a cherry plum and a conventional Japanese dessert plum resulting in large fruit with superior winter hardiness and an early ripening date. Fruit size and yield is comparable to popular conventional cultivars, however, the ripening date is 2-4 weeks earlier. Has been shown to be hardy and produce fruit in USDA zone 3b. Naturally compact growth habit makes it easy to manage. Use 'La Crescent', 'Waneta' or American Plum for pollination.

**Height:** 8-12'

**Spread:** 8-10'

**Exposure:** Full Sun

**Zone:** 4-8

# Ornamental Trees

## Amber Jubilee Ninebark First Editions

**Plant description:** Now available in tree form. Selected for its striking foliage in glowing tones of orange, yellow and gold. With its bold array of colors, it will stand out as a lovely focal point in a small garden landscape. Delicate white blooms are produced in spring, and fall foliage is highlighted with tones of red and purple, making this ninebark appealing over the entire season. Plant in full sun for best performance. Seedling selection of Diabolo® and Dart's Gold Ninebark.

**Height:** 5-7'

**Spread:** 3-4'

**Shape:** Upright rounded

**Exposure:** Full Sun

**Foliage:** Yellow, orange to green & purple

**Fall Foliage:** Red and purple

**Zone:** 2-7

## MN Redbud

**Plant description:** This handsome tree bears small pink flowers in spring before leaves appear. Later brown fruit pods form. This strain is grown from seed collected at the Minnesota Landscape Arboretum. It does well in sun and part shade. Selected for hardiness by the University of Minnesota and introduced in 1992.

**Height:** 20-30'

**Spread:** 20-25'

**Shape:** Vase-shaped

**Exposure:** Full Sun

**Foliage:** Deep green

**Fall Foliage:** Brilliant yellow

**Zone:** 4-9

### **Thornless Hawthorn LB 5'**

**Plant description:** A vigorous small ornamental tree. It bears abundant white flowers in June, followed by small bright red persistent fruit in autumn. Although this attractive thornless tree prefers moist conditions, it is also drought tolerant.

**Height:** 15-20'

**Spread:** 15-20'

**Shape:** Rounded, spreading

**Exposure:** Full Sun

**Foliage:** Dark green, glossy

**Fall Foliage:** Orange

**Zone:** 4-7

### **Crimson Cloud Hawthorn LB 6'**

**Plant description:** This hawthorn bears exceptionally large, single bright red flowers with a star-shaped white area in the center of each bloom. Resistant to leaf spot diseases, it provides a second colorful display in fall when covered with glossy red fruit which persists into winter.

**Height:** 15'

**Spread:** 10-15'

**Shape:** Rounded

**Exposure:** Full Sun

**Foliage:** Green

**Fall Foliage:** Insignificant

**Zone:** 4-7

### **Winter King Hawthorn**

**Plant description:** An attractive small Hawthorn tree with clusters of white spring flowers followed by 3/8" orange to red fruit that bears annually, heavily, and remaining persistent through the winter. The form is a lovely rounded to vase shape with distinctive silver bark. Glossy foliage turn purple to scarlet in fall. Winter King Hawthorn tolerates most soil types and heavy pruning. Excellent addition to urban landscapes. A Robert Simpson selection.

**Height:** 25-35'. **Spread:** 20'. **Shape:** Rounded, vase shaped branching

**Exposure:** Full Sun

**Foliage:** Glossy green

**Fall Foliage:** Insignificant. **Zone:** 4-7

## Snowbird Hawthorn

**Plant description:** Introduced in 1967 by Morden Research Station of Manitoba, Canada, this tree originated as an open-pollinated seedling of 'Toba', but has shown greater hardiness. It has attractive, fragrant double white flowers, but fruit production is sparse. A COPF introduction.

**Height:** 12-15'

**Spread:** 20'

**Shape:** Upright, rounded

**Exposure:** Full Sun

**Foliage:** Dark green

**Fall Foliage:** Insignificant

**Zone:** 3-7

## Hydrangea Berry White® Tree

**Plant description:** This long-awaited introduction is a step forward in paniculata breeding. With strong, upright stems and large cone-shaped flower panicles that stay upright, this plant is a summer stunner. The flower color starts out white in July then progresses to dark pink, beginning at the bottom and developing up to the top of the panicle. Berry White® blooms a little later than Strawberry Sundae® and about the same time as Vanilla Strawberry™. Color shades can vary by location, climate, and type of soil. This tree-form hydrangea is perfect for garden focal points or containers.

**Height:** 6-7'. **Spread:** 4-5'. **Shape:** Upright. **Exposure:** Full Sun to Part Shade

**Foliage:** Medium green. **Fall Foliage:** Insignificant

**Zone:** 4-8

## Hydrangea Vanilla Strawberry™ Tree

**Plant description:** Now available in tree form, perfect for small landscapes or urban gardens. The enormous flower panicles are a blend of vanilla and strawberry, held upright on red stems. They emerge creamy white in mid-summer, change to pink and finally to strawberry red. New blooms give the plant a multicolored effect in late summer and early fall. The red coloration persists for at least 3-4 weeks. Introduced by Bailey Nurseries.

**Height:** 6-7'. **Spread:** 5-6'. **Shape:** Upright. **Exposure:** Full Sun to Part Shade

**Foliage:** Medium green. **Fall Foliage:** Insignificant.

**Zone:** 4-8

## Hydrangea Limelight Tree

**Plant description:** Now available in tree form. Perfect for smaller gardens. Makes a great vertical accent in borders and decorative containers. Bright, lime-green flowers add a much needed brightness to the late summer landscape. In autumn the blooms display shades of pink, burgundy and green. Excellent vigor and floriferous blooming. Flowers on new wood so it can be pruned in winter or early spring. Proven Winners® ColorChoice® Program. (CPBR 2319)

**Height:** 6-8'

**Spread:** 7-9'

**Shape:** Upright rounded

**Exposure:** Full Sun to Part Shade

**Foliage:** Medium green

**Fall Foliage:** Insignificant

**Zone:** 3-8

## Hydrangea Quick Fire® Tree

**Plant description:** Now available in tree form. Perfect for smaller gardens. Makes a great vertical accent in borders and decorative containers. Quick to bloom, a month earlier than other varieties. Will flower in late May or early June depending on your location. The flowers will turn a deep pink. A terrific way to extend the hydrangea season. Proven Winners® ColorChoice® Program. (CPBRA F)

**Height:** 6-8'

**Spread:** 6-8'

**Shape:** Rounded

**Exposure:** Full Sun to Part Shade

**Foliage:** Medium green

**Fall Foliage:** Insignificant

**Zone:** 4-8

### Dwarf Korean Lilac Tree

**Plant description:** This tree form has the same fine features of the shrub-form Dwarf Korean. It makes an excellent globe for accent or interest in the landscape. This cultivar is grafted on a 3' or 4' standard.

**Height:** 8'

**Spread:** 5-6'

**Shape:** Globe

**Exposure:** Full Sun

**Foliage:** Deep green

**Fall Foliage:** Insignificant

**Zone:** 4-7

### Japanese Lilac Tree

**Plant description:** This handsome small specimen tree or large shrub bears creamy white flowers in large panicles in June and July. Clumps will have three or more stems. 2002 Iowa Tree of the Year.

**Height:** 25'

**Spread:** 25'

**Shape:** Spreading

**Exposure:** Full Sun

**Foliage:** Deep green

**Fall Foliage:** Insignificant

**Zone:** 3-7

### Ivory Silk® Japanese Lilac Tree

**Plant description:** Clearly upright and more narrow than other varieties selected specifically for its pyramidal form. Dark green leaves all season with large fragrant white flower spikes blooming early summer. A great tree for residential or commercial use.

**Height:** 20-25'

**Spread:** 10-15'

**Shape:** Pyramidal

**Exposure:** Full Sun

**Foliage:** Dark green

**Fall Foliage:** Insignificant

**Zone:** 3-8

## Tinkerbelle pink Lilac Tree

**Plant description:** Developed by Neal Holland of Sheyenne Gardens, this dwarf results from crosses between *Syringa meyeri* 'Palibin' and *Syringa microphylla* 'Superba'. Tinkerbelle® forms a superb small tree with a pleasing spicy fragrance and incredible wine-red flower buds that open in late spring. (CPBR #1204, C®)

**Height:** 8'

**Spread:** 4-5'

**Shape:** Rounded

**Exposure:** Full Sun

**Foliage:** Green

**Fall Foliage:** Insignificant

**Zone:** 3-7

## Amur Chokecherry

**Plant description:** This small tree produces white flowers and black fruit. The outstanding exfoliating bark is golden brown to dark red with a glistening metallic color for excellent winter effect and landscape interest. Good wildlife plant.

**Height:** 20-30'

**Spread:** 25-30'

**Shape:** Rounded

**Exposure:** Full Sun

**Zone:** 2-6

## Princess Kay Plum

**Plant description:** This double flowered selection was discovered in the wild in Itasca County, Minnesota, and released by the University of Minnesota in 1986. It blooms freely, with showy white flowers in early May that offset the dark bark. Young trees have prominent lenticels that complement the black bark, adding winter interest.

**Height:** 15'

**Spread:** 8-10'

**Shape:** Narrow

**Exposure:** Full Sun

**Zone:** 2-6

### **Pink Spires Crabapple**

**Plant description:** Ideal for a confined screen or border planting, this excellent rosybloom crabapple was selected by W. L. Kerr, Canada Department of Agriculture, Sutherland Saskatchewan. Foliage is red-purple in spring turning to a green bronze in summer and copper in fall.

**Height:** 15-20'

**Spread:** 12'

**Shape:** Narrow, upright

**Exposure:** Full Sun

**Zone:** 2-7

### **Red Prairifire Crabapple**

**Plant description:** This disease resistant cross by Dr. Dan Dayton, University of Illinois, has especially good foliage retention during summer. It blooms later than most crabs. The bark is a glossy dark red with numerous prominent lenticels, and the fruit does not drop. 1996 Iowa Tree of the Year.

**Height:** 15-20'

**Spread:** 20'

**Shape:** Upright, spreading becoming rounded

**Exposure:** Full Sun

**Zone:** 4-7

### **Red Profusion Crabapple**

**Plant description:** This small crab is noted for its abundance of deep red buds that open to purple-red flowers, then fade to lavender. The immature foliage emerges purple, then fades to bronze-green. The persistent fruit is oxblood red.

**Height:** 15-20'

**Spread:** 30'

**Shape:** Rounded

**Exposure:** Full Sun

**Zone:** 4-7

## Red Purple Prince Crabapple

**Plant description:** This Father Fiala selection has outstanding rose-red blossoms and maroon fruits. The purple-bronze foliage and bright flowers rival 'Liset' but 'Purple Prince' does not suffer from stem splitting and is faster growing. Because it matures quickly as a young tree this is one of the best purple-leaf crabs for growers. Excellent resistance to scab, fireblight and cedar-apple rust.

**Height:** 20'

**Spread:** 20'

**Shape:** Rounded

**Exposure:** Full Sun

**Zone:** 4-7

## White Tina Crabapple

**Plant description:** This dwarf Sargent-type crab has pink to red buds that open to white flowers, followed by tiny red crabapples. It is disease resistant and is a highly ornamental small tree for limited spaces. This cultivar is grafted on a 42" standard.

**Height:** 6-8'

**Spread:** 8-10'

**Shape:** Wide spreading

**Exposure:** Full Sun

**Zone:** 4-7

## Autumn Blaze Pear Tree

**Plant description:** This cultivar has a distinct rounded form that distinguishes it from other pears. The most cold hardy of the calleryana cultivars, it has white flowers in spring, dark glossy foliage, and good red fall color.

**Height:** 35'

**Spread:** 20'

**Shape:** Pyramidal, rounded

**Exposure:** Full Sun

**Foliage:** Glossy green

**Fall Foliage:** Crimson red

**Zone:** 4-8

### **Viburnum Roseum Tree LB 6'**

**Plant description:** Trained to a single stem tree with bright green leaves in summer that turn a vibrant red in fall. Blooms profusely in late spring with pure white sterile flower clusters round like snowballs. Great for a multi-season screen or hedge.

**Height:** 10-12'

**Spread:** 8-10'

**Shape:** Rounded

**Exposure:** Full Sun to Part Shade

**Foliage:** Bright green

**Fall Foliage:** Vibrant red

**Zone:** 3-8

### **European Mountain Ash 6'**

**Plant description:** This valuable ornamental tree bears showy orange-red fruits in August through September. It prefers acid soils with good drainage.

**Height:** 20-30'

**Spread:** 20-25'

**Shape:** Upright, rounded at maturity

**Exposure:** Full Sun

**Foliage:** Clear, deep green

**Fall Foliage:** Red

**Zone:** 3-7

# Native Trees

## Nannyberry Tree 5'

**Plant description:** An excellent performer in shade or sun, this hardy native tree has single, white flowers in spring followed by blue-black fruits. It is tolerant of many soil conditions, and is ideal for naturalizing.

**Height:** 20'

**Spread:** 8-10'

**Shape:** Upright

**Exposure:** Full Sun

**Foliage:** Shiny green

**Fall Foliage:** Purple-red

**Zone:** 2-8

## Red Maple 1"

**Plant description:** A fairly rapid growing tree, red maple is a beautiful addition to the landscape. The showy red flowers appear in spring before the leaves open and put on a great show. Autumn brings outstanding shades of color. Red maple will perform best in partial shade and moist soils.

**Height:** 50'

**Spread:** 35-40'

**Shape:** Upright, rounded

**Exposure:** Full Sun to Part Shade

**Foliage:** Green

**Fall Foliage:** Brilliant scarlet or yellow

**Zone:** 4-6

## Sugar Maple LB 6'

**Plant description:** This wonderful shade tree is undoubtedly the largest and finest of our native maples. Slow to medium in growth rate and very hardy, it prefers rich, well-drained soil. Fall color is simply spectacular, ranging from rich, brilliant yellows to all shades of oranges and red.

**Height:** 50-75'

**Zone:** 3-5

**Spread:** 50'

**Shape:** Upright, rounded

**Foliage:** Dark green

**Exposure:** Full Sun.

**Fall Foliage:** Rich yellow to red

### **River Birch 5' & 5/5' Clump**

**Plant description:** This river bottom native also does well on upland soils. Resistant to bronze birch borer, it has nice yellow fall color, and attractive cinnamon-brown exfoliating bark for an interesting winter effect. Clumps have three or more stems.

**Height:** 40-50'

**Spread:** 30-40'

**Shape:** Oval

**Exposure:** Full Sun

**Foliage:** Dark green

**Fall Foliage:** Golden yellow

**Zone:** 4-8

### **Paper Birch 4' & 10/4' Clump**

**Plant description:** This very hardy birch is the most permanent and desirable of all the white-barked birches. Stems are a beautiful red-brown when immature, a perfect chalk-white when older. Fall color is an outstanding landscape feature. Clumps have three or more stems.

**Height:** 40'

**Spread:** 30'

**Shape:** Loosely pyramidal, rounded at maturity

**Exposure:** Full Sun

**Foliage:** Deep green

**Fall Foliage:** Excellent yellow

**Zone:** 2-7

### **Hackberry LB 6' SOLD OUT**

**Plant description:** Hackberry is known for its attractive bark that is corky and rough in texture. The bright green elm-like foliage turns to a soft yellow in the fall, and the fruits are relished by wildlife. With a round open form, it grows at a moderate to rapid rate. Extremely hardy, and adaptable to a range of urban environments including alkaline soils, drought, and windy conditions.

**Height:** 50-75'

**Spread:** 50'

**Shape:** Spreading, rounded

**Exposure:** Full Sun

**Foliage:** Bright green

**Fall Foliage:** Soft yellow

**Zone:** 2-7

### White Oak 6'

**Plant description:** An outstanding example of our national tree, the White Oak is strong, disease resistant, and drought tolerant. The foliage is deep green above and white underneath. 2000 Gold Medal Plant® Award winner.

**Height:** 60-80'

**Spread:** 60-80'

**Shape:** Irregularly rounded

**Exposure:** Full Sun

**Foliage:** Glossy green

**Fall Foliage:** Purple-red

**Zone:** 3-9

### Swamp White Oak 5'

**Plant description:** Excellent in both wet and upland soils, this tree has a coarser, less deeply incised leaf than *Q. alba*, and acorns borne on 2- 4" stalks. It shows good transplant success. Named a 1999 GreatPlants® for the Great Plains Award winner.

**Height:** 50-60'

**Spread:** 40-50'

**Shape:** Narrow, rounded, open

**Exposure:** Full Sun

**Foliage:** Dk green with felty white beneath

**Fall Foliage:** Yellow-brown to red

**Zone:** 4-8

### Northern Pin Oak LB 6'

**Plant description:** This native tree is well adapted to sandy, acid soils, but will tolerate heavier soils and more alkaline conditions than Pin oak. It is great for use as a specimen tree in lawn or boulevard plantings. The red fall color can be spectacular.

**Height:** 60'

**Spread:** 45'

**Shape:** Conical in youth, maturing to broad oval

**Exposure:** Full Sun

**Foliage:** Glossy green

**Fall Foliage:** Red

**Zone:** 3-6

### **Bur Oak 5'**

**Plant description:** Native from Nova Scotia to Manitoba and south to Pennsylvania and Texas, this beautiful oak has attractive corky bark especially interesting in winter. A great xeriscape plant, it tolerates a wide range of soil types and air pollutants. Voted 2001 Urban Tree of the Year by the Society of Municipal Arborists. GreatPlants® for the Great Plains 2004.

**Height:** 60-80'

**Spread:** 60-80'

**Shape:** Rounded, open

**Exposure:** Full Sun

**Foliage:** Dark green above, grayish beneath

**Fall Foliage:** Yellow-brown to purple

**Zone:** 3-8

### **Northern Red Oak LB 6'**

**Plant description:** The fastest growing oak and one of the easiest to transplant, this tree is great for street use or as a landscape tree. The foliage is dense and lustrous and leaves hang on the tree into winter. Named the 1999 Iowa Tree of the Year.

**Height:** 60-80'

**Spread:** 50'

**Shape:** Pyramidal in youth, rounded at maturity

**Exposure:** Full Sun

**Foliage:** Glossy, dark green

**Fall Foliage:** Red to red-brown **Zone:** 3-8

# Shade Trees

## Balsam Poplar 3'

**Plant description:** Native to most of northern North America, this fast growing tree is one of the first to open in spring, with gummy buds and leaves. The balsam-like fragrance is reminiscent of the northwoods.

**Height:** 75-90'

**Spread:** 40-50'

**Shape:** Rounded

**Exposure:** Full Sun

**Foliage:** Glossy, bluish-green

**Fall Foliage:** Yellow

**Zone:** 2-7

## Golden Curls Willow 4'

**Plant description:** This hybrid willow resembles Corkscrew willow with its curly branches, but has golden bark in winter. We have seen some evidence that 'Golden Curls' appears to be hardier than Corkscrew.

**Height:** 30-40'

**Spread:** 20-25'

**Shape:** Irregular

**Exposure:** Full Sun

**Foliage:** Bright green

**Fall Foliage:** Yellow

**Zone:** 4-8

## Prairie Cascade Willow 4'

**Plant description:** This COPF introduction from Morden Research Station has the hardiness and glossy foliage of the laurel willow with the cascading habit and golden stem color of the weeping willow. A hardy weeping willow for northern areas, it prefers plentiful moisture.

**Height:** 35-45'

**Spread:** 35-40'

**Shape:** Weeping

**Exposure:** Full Sun

**Foliage:** Glossy green

**Zone:** 3-6

**Fall Foliage:** Yellow

### **Flame Amur Maple 8'**

**Plant description:** Flame Amur Maple in tree form as a single or multi-stem is prized for its showy red fruit in the summer, and intense shades of scarlet leaves in the fall. Hardy and adaptable to a range of soil types including dry, alkaline, and tolerant of urban pollution. A slow grower with a rounded form and low canopy that requires little to no pruning. Use as a street tree, under utility lines, or in large containers.

**Height:** 15-20'

**Spread:** 15-20'

**Shape:** Rounded

**Exposure:** Full Sun

**Foliage:** Medium green

**Fall Foliage:** Red

**Zone:** 3-8

### **Princeton Gold® Maple LB 6'**

**Plant description:** This attractive Norway selection makes a stunning accent plant in the landscape. The foliage is bright golden yellow, especially when young, and the color holds well through the summer. Nicely shaped, this is definitely a tree that attracts attention.

**Height:** 45'

**Spread:** 40'

**Shape:** Oval

**Exposure:** Full Sun

**Foliage:** Bright golden-yellow

**Fall Foliage:** Yellow

**Zone:** 4-7

### **Royal Red Maple 1"**

**Plant description:** This Norway maple selection is similar to 'Crimson King', but with a somewhat slower growth rate and what some consider slightly better color. A dense shade tree, it has a straight trunk with a well-shaped canopy. The glossy foliage is an excellent maroon red all season.

**Height:** 35-40'

**Spread:** 25'

**Shape:** Broadly oval.

**Exposure:** Full Sun

**Foliage:** Maroon red, glossy.

**Zone:** 4-7

**Fall Foliage:** Insignificant

### Northwood Maple Wh 6'

**Plant description:** The 1994 "Leon Snyder Plant of the Year", this selection from northern Minnesota, and released by the University of Minnesota in 1980, has a rounded to oval crown with branches that ascend at approximately a 45 degree angle. Optimum growth, as with all red maples, will occur in moist, slightly acidic soil.

**Height:** 50'

**Spread:** 35'

**Shape:** Round, oval

**Exposure:** Full Sun

**Foliage:** Dark green

**Fall Foliage:** Bright orange-red

**Zone:** 3-8

### Crimson Sunset® Maple LB 1"

**Plant description:** Heat tolerance is the distinguishing characteristic of this Acer truncatum hybrid. Its foliage resembles that of Crimson King, but its form is more upright and compact. Thanks to the Acer truncatum parentage, it flourishes in the summer heat where few purple leafed plants will grow.

**Height:** 35'

**Spread:** 25'

**Shape:** Upright, pyramidal

**Foliage:** Deep purple

**Fall Foliage:** Maroon to reddish-bronze

**Zone:** 4-8

### Autumn Blaze® Maple 1"

**Plant description:** This hybrid of silver and red maple has experienced phenomenal popularity due to its ascending branch habit, rapid growth rate, drought tolerance when established, ability to grow in most soils, beautiful fall color and form. It was selected as the 1997 Iowa Tree of the year, 2004 Urban Tree of the year, Society of Municipal Arborists. Own root. (C®)

**Height:** 50-60'

**Spread:** 40'

**Shape:** Dense oval head.

**Fall Foliage:** Orange-red

**Exposure:** Full Sun

**Foliage:** Rich green, deeply lobed

**Zone:** 4-7

### **Spaeth's Alder 8'**

**Plant description:** Spaeth's Alder is a rapid growing tree for streets, parks or landscapes. A nice alternative to *Fraxinus pennsylvanica*. Large leaves are serrated, coppery-purple in the spring and lustrous green in summer. Likes normal to moist soil but can tolerate dry conditions when established and will grow well in poor soils due to its nitrogen fixing ability. It is wind, salt and pollution tolerant. Widely used in Europe, it is a hybrid of Japanese Alder (*A. japonica*) and Caucasian Alder (*A. subcordata*) that is named after the botanist Franz Späth from Berlin, Germany.

**Height:** 40-65'

**Spread:** 15-20'

**Shape:** Broad pyramidal

**Exposure:** Full Sun

**Foliage:** Purple to glossy green

**Fall Foliage:** Insignificant

**Zone:** 4-7

### **Autumn Brilliance Serviceberry 6'**

**Plant description:** This tremendously popular tree offers white blossoms in spring, followed by showy, sweet purplish-black fruit. Heavily branched, the tree has an interesting spreading branch pattern, and attractive light gray bark. The brilliant fall leaves are quite persistent. Own root.

**Height:** 20-25'. **Spread:** 15'. **Shape:** Rounded. **Exposure:** Full Sun.

**Foliage:** Blue-green, small **Fall Foliage:** Brilliant red-orange. **Zone:** 3-8

### **Robin Hill Serviceberry LB 6'**

**Plant description:** A good tree for small spaces, Robin Hill Apple Serviceberry has an upright to oval habit with an open form. Pink buds open to delicate pink flowers that fade to white each spring and cover this small tree. Small edible red-purple berries attract birds. The blue-green leaves turn shades of yellow and red in the fall. An excellent choice for woodland gardens, naturalized settings, and as a specimen in the landscape.

**Height:** 20-25'. **Spread:** 12-15'. **Shape:** Upright oval

**Exposure:** Full Sun to Part Shade

**Foliage:** Blue-green

**Fall Foliage:** Yellow to red

**Zone:** 4-8

### **Skyline® Honeylocust Wh 6'**

**Plant description:** A stately and unusual variety with distinctive pyramidal form, this tree develops a strong, sturdy trunk and shapely crown. Thornless, and essentially fruitless, it is a valuable tree for light, filtered shade.

**Height:** 50'

**Spread:** 30-35'

**Shape:** Broadly pyramidal

**Exposure:** Full Sun

**Foliage:** Dark green

**Fall Foliage:** Golden yellow

**Zone:** 4-7

### **Sunburst® Honeylocust LB 6'**

**Plant description:** This cultivar is noted for foliage that emerges bright golden-bronze, fades to green as it matures, then colors golden-yellow again in fall. Thornless and seedless, it is great for light, filtered shade.

**Height:** 35'

**Spread:** 30-35'

**Shape:** Irregularly rounded

**Exposure:** Full Sun

**Foliage:** Bright, golden-bronze to green

**Fall Foliage:** Golden yellow

**Zone:** 4-7

### **Kentucky Coffeetree Wh 5'**

**Plant description:** This picturesque tree has deeply furrowed bark and stout branches that are particularly handsome in winter. It prefers deep, moist soil and full sun, but is adaptable to many conditions such as alkaline soil, salt, and drought. The mahogany seed pods are long and leathery.

**Height:** 50-60'

**Spread:** 40-50'

**Shape:** Open, spreading

**Exposure:** Full Sun

**Foliage:** Bluish-green

**Fall Foliage:** Yellow

**Zone:** 4-8

### **True North™ Kentucky Coffeetree Wh 3'**

**Plant description:** True North™ has an upright vase-shape that resembles the classic Elm form. The dark green bi-pinnately compound leaves turn yellow in the fall and provide dappled shade. A male selection that is fruitless. Attractive dark scaly bark in the winter. Adaptable to a range of soil types including alkaline. Tolerant of urban conditions including cold, heat, and drought. A University of Minnesota introduction.

**Height:** 50-70'

**Spread:** 25-35'

**Shape:** Upright oval

**Exposure:** Full Sun

**Foliage:** Blue-green

**Fall Foliage:** Yellow

**Zone:** 4-9

# Shrubs

## Cardinal Dogwood 3"

**Plant description:** A MNRC introduction. Cardinal Red Osier dogwood was selected for its bright red winter twig color. A hybrid dogwood that was developed by the University of Minnesota in 1986. NC-7 Trials top-performing plant. 2004 Plants of Merit®.

**Height:** 8-10'

**Spread:** 8-10'

**Shape:** Rounded

**Exposure:** Full Sun

**Foliage:** Dark green

**Fall Foliage:** Red-purple

**Zone:** 2-7

## Forsythia Meadowlark 18"

**Plant description:** In collaboration with the Agricultural Experiment Station of North Dakota, South Dakota and the Arnold Arboretum, this hybrid forsythia was developed for the Northern Plains. A shrub with superior flower-bud hardiness and showy, bright yellow spring flowers, its flower buds are hardy to -35°F. It will perform best in full sun.

**Height:** 8-10'

**Spread:** 6-10'

**Shape:** Semi-arching

**Exposure:** Full Sun

**Foliage:** Dark green

**Fall Foliage:** Insignificant

**Zone:** 3-8

## Elderberry "Adams Elder" 1yr #1

**Plant description:** White flowers in late June. Fruits, blue to black, in large clusters. Excellent for pies, jam and elderberry wine. Hardy native plant. Use in background and wildlife plantings. A clone of *S. canadensis* selected for its large fruit by William W. Adams of Union Springs, New York. Fruit set is normally improved when more than one cultivar is used, such as 'York'.

**Height:** 8-10'. **Spread:** 8-12'. **Shape:** Broad, rounded. **Exposure:** Full Sun.

**Foliage:** Bright green. **Fall Foliage:** Insignificant. **Zone:** 3-9

### **Common Purple Lilac 6"**

**Plant description:** This old-fashioned lilac is the one most of us remember from our youth. A perfect informal hedge or screen, it has extremely fragrant, purple flowers in May. Color may vary from purple to lilac and occasionally even white. The cut flowers hold up very well, and easily fill a house with their fragrance. Rarely to never fed on by Japanese beetles.

**Height:** 12-15'

**Spread:** 8-12'

**Shape:** Upright, vase-shaped

**Exposure:** Full Sun

**Foliage:** Blue-green

**Fall Foliage:** Insignificant

**Zone:** 2-7

### **Common White Lilac 6"**

**Plant description:** This hardy vigorous shrub is the white version of the old-fashioned favorite. It has attractive foliage, single white flowers, and makes a great informal hedge or screen. Rarely to never fed on by Japanese beetles.

**Height:** 12-15'

**Spread:** 8-12'

**Shape:** Upright

**Exposure:** Full Sun. **Foliage:** Blue-green. **Fall Foliage:** Insignificant. **Zone:** 2-7

# Small Fruit

## Red Lake Currant 2yr #1

**Plant description:** Clusters of large bright red berries borne on 2-3 year old wood. Semi-erect and vigorous. Very productive. Fruits are good for jams and jellies. Introduced by the University of Minnesota in 1933.

**Height:** 3-6'

**Spread:** 3-4'

**Exposure:** Full Sun

**Zone:** 3-7

## Caroline Raspberry 1yr #1

**Plant description:** This is a University of Maryland variety that has proven to be one of the most productive varieties for the East and Midwest. It is considered to be the new standard for everbearing varieties. Fruit is larger than 'Heritage', more productive and the taste is very flavorful. 'Caroline' is vigorous and more tolerant of root rot and yellow rust than 'Heritage'. Fruits earlier than 'Heritage'. Leaf coverage reduces sunscald on berry.

**Height:** 3-4'

**Spread:** 3-4'

**Exposure:** Full Sun

**Zone:** 4-7

## Heritage Raspberry 1yr #1

**Plant description:** ('Milton' x 'Cuthbert') 1969. Geneva, N.Y. (Everbearing) The medium-sized red fruit has very good flavor and quality. First crop mid-July, second crop September 1.

**Height:** 3-4'

**Spread:** 3-4'

**Exposure:** Full Sun

**Zone:** 4-8

### **Killarney Raspberry 1yr #1**

**Plant description:** Summer bearing. Attractive red berries with great aroma and flavor. Excellent for freezing, canning and of course pie. One of the most disease resistant varieties, making it very easy to maintain. Sturdy growth habit. Released in Manitoba in 1961, thus very winter hardy. A distinct improvement over 'Latham'.

**Height:** 3-4'

**Spread:** 3-4'

**Exposure:** Full Sun

**Zone:** 3-7

### **Latham Raspberry 1yr. #1**

**Plant description:** Introduced by the University of Minnesota in 1920. Red, ripening over a long period. Sure cropper for home and commercial use.

**Height:** 3-4'

**Spread:** 3-4'

**Exposure:** Full Sun

**Zone:** 3-7