

# NEIGHBORHOODS Trees for 2014

Bob Wilson  
Sandpoint Tree Committee

# Right Tree – Right Place

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- ▶ **SMALL TREES**– suitable for planting under power lines
  - Up to 30' tall
  - 3' planting strip or less
- ▶ **MEDIUM TREES**
  - 30–50' at maturity
  - 4' planting strip or more
- ▶ **LARGE TREES**
  - >50' at maturity
  - 6' planting strip or more

# Small Trees

Under powerlines, Planting strips <3'

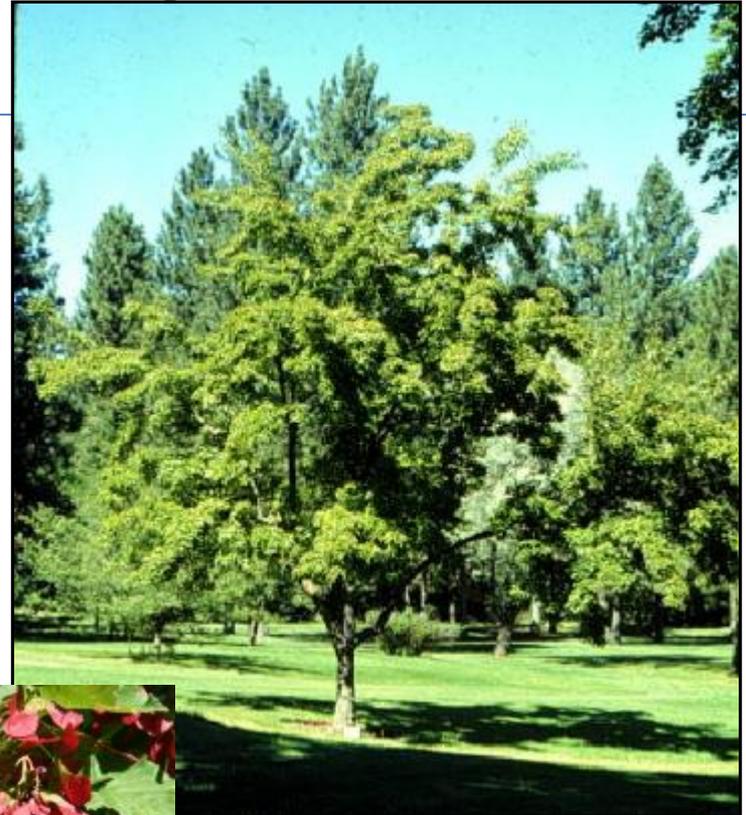
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- ▶ Tatarian Maple
- ▶ Autumn Brilliance Serviceberry
- ▶ Cockspur Hawthorn
- ▶ Toba Hawthorn
- ▶ Prairiefire Crabapple
- ▶ Thundercloud Plum
- ▶ Pyramidal Mountain-Ash
- ▶ Japanese Tree Lilac

# Small Trees: Tatarian Maple

*Acer tatarica*

- ▶ 15–20' tall, moderate growth rate
- ▶ Seeds turn rosy-red in summer
- ▶ Leaves turn orange-red in fall
- ▶ Variety: 'Hot Wings'



# Small Trees: Autumn Brilliance Serviceberry

*Amelanchier x grandiflora* 'Autumn Brilliance'

- ▶ 20' tall
- ▶ Profuse white flowers in spring
- ▶ Edible blue berries
- ▶ Bright red-orange fall color



# Thornless Cockspur Hawthorn

*Crataegus crus-galli inermis*

- ▶ 20–30' tall
- ▶ Thornless variety
- ▶ White flowers
- ▶ Red fruit in fall
- ▶ Resistant to leaf spot



# Small Trees: Toba Hawthorn

*Crataegus x mordonensis* 'Toba'

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- ▶ 20' tall
- ▶ Pink double flowers
- ▶ Red fruit in fall
- ▶ Resistant to leaf spot



# Small Trees: Prairiefire Crabapple

*Malus* x 'Prairiefire'

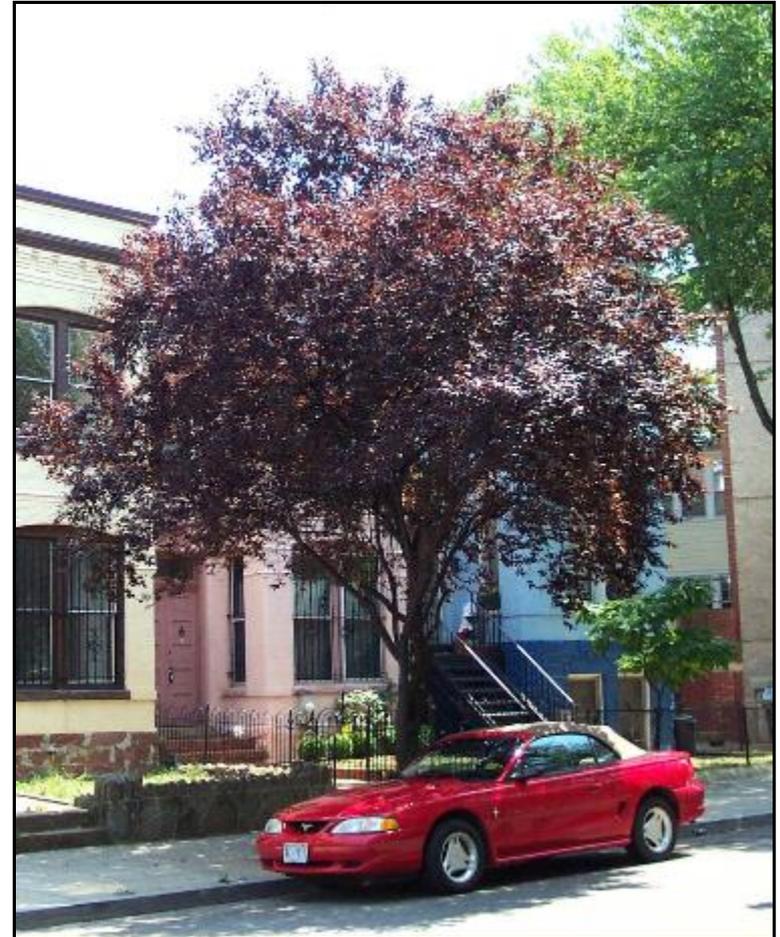
- ▶ 20' tall x 20' wide
- ▶ Rounded crown
- ▶ Rich pink flowers in spring
- ▶ Purple new foliage turns green
- ▶ Dark red fruit in fall
- ▶ Scab resistant



# Small Trees: Thundercloud Plum

*Prunus cerasifera* 'Thundercloud'

- ▶ 25' tall, fast growing
- ▶ Round crown
- ▶ Leave emerge red–purple then darken to purple
- ▶ Pink flowers in spring
- ▶ Black, edible fruit



# Small Trees: Pyramidal Mountain–Ash

*Sorbus aucuparia* ‘Fastigiata’

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- ▶ 25’ tall, narrow form
- ▶ White flower clusters in spring
- ▶ Orange–red berries in fall–winter
- ▶ Yellow–orange fall color



# Small Trees: Japanese Tree Lilac

*Syringa pekinensis*

- ▶ 15–20' tall
- ▶ Rounded form
- ▶ Clusters of white flowers in early summer
- ▶ Native to northern China
- ▶ Moderate to fast growth
- ▶ Varieties: Ivory Silk, Ivory Pillar, Snow Cap, Summer Charm



# Medium Trees

Planting strips 4–6'

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- ▶ Sensation Box Elder
- ▶ Imperial Honeylocust
- ▶ Merlot Bird Cherry
- ▶ Chanticleer Pear
- ▶ Oakleaf Mountain–Ash

# Medium Trees: Sensation Box Elder

*Acer negundo* 'Sensation'

- ▶ 30' tall, oval shape
- ▶ Fast growth
- ▶ Foliage pink–orange on tips, green interior
- ▶ Orange fall color
- ▶ Male clone, no box elder bugs



# Medium Trees: Imperial Honeylocust

*Gleditsia triacanthos v inermis* 'Imperial'

- ▶ 35' tall
- ▶ Spreading crown
- ▶ Green in summer
- ▶ Yellow fall color
- ▶ Little leaf litter
- ▶ Thornless, podless
- ▶ Tolerant of drought, poor soils



# Medium Trees: Merlot Bird Cherry

*Prunus padus* 'Drietreer' Merlot®

- ▶ 25–35' tall
- ▶ Foliage emerges green then turns dark purple
- ▶ White flowers in spring
- ▶ Black berries eaten by birds



# Medium Trees: Chanticleer Pear

*Pyrus calleryana* 'Cleveland'

- ▶ 35–40' tall, narrow pyramidal form
- ▶ Medium to fast growth
- ▶ White flowers in spring
- ▶ Reddish fall color



# Medium Trees: Oakleaf Mountain–Ash

*Sorbus x hybrida*

- ▶ 25–30' tall
- ▶ Moderate growth rate
- ▶ White flower clusters in spring
- ▶ Orange–red berries in fall–winter
- ▶ Orange–red fall color



# Large Trees

Planting strips >6'

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- ▶ Red Maple
  - Northwood
- ▶ Ash
  - Autumn Purple
  - Mancana
  - Patmore
  - Prairie Spire
- ▶ Honeylocust
  - Shademaster
- ▶ Oak
  - Bur Oak
  - Scarlet Oak
  - Red Oak
- ▶ Linden
  - Littleleaf 'Greenspire'
  - American 'Redmond'
- ▶ Elm
  - Accolade

# Large Trees: Northwood Red Maple

*Acer rubrum* 'Northwood'

- ▶ 40–60' tall, 30' spread
- ▶ New growth with red leaves, turn green later
- ▶ Bright red fall color



# Large Trees: Autumn Purple Ash

*Fraxinus americana* 'Autumn Purple' ®

- ▶ 50' tall, 40' wide
- ▶ Rounded oval crown
- ▶ Outstanding fall color
- ▶ Drought tolerant
- ▶ Provides dense shade



# Large Trees: Mancana Ash

*Fraxinus mandshurica* 'Mancana'

- ▶ 40–50' tall, 20–25' wide
- ▶ Dense oval canopy
- ▶ Yellow fall color
- ▶ Smooth grey bark



# Large Trees: Patmore Ash

*Fraxinus pennsylvanica* 'Patmore'

- ▶ 50–70' tall, upright habit
- ▶ Yellow fall color
- ▶ Very adaptable
- ▶ Seedless



# Large Trees: Prairie Spire Ash

*Fraxinus pennsylvanica* 'Rugby'

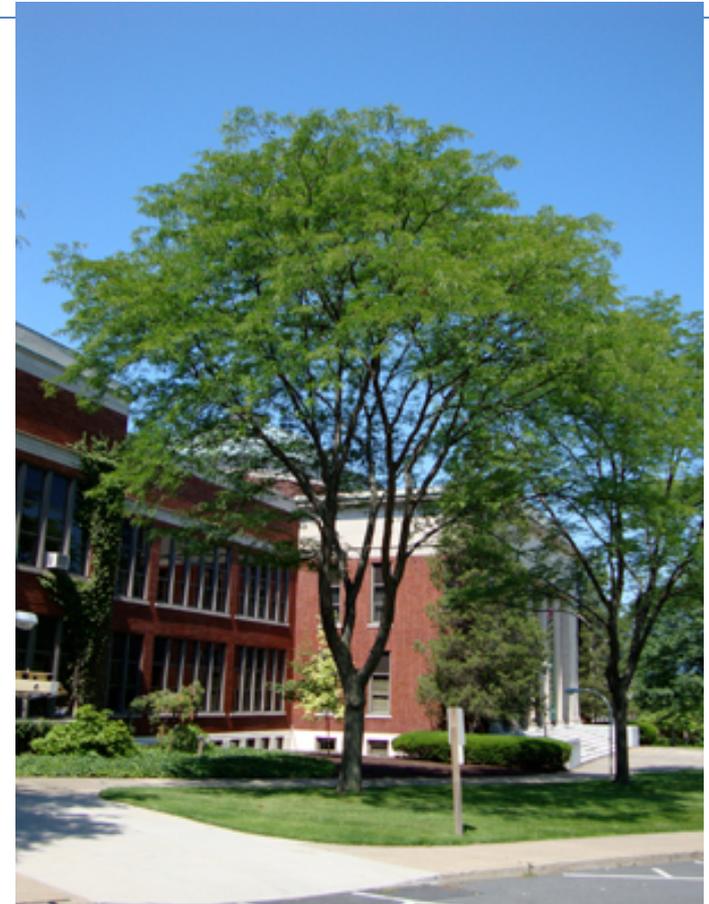
- ▶ 40' tall, 20' wide
- ▶ Upright shape
- ▶ Developed at NDSU
- ▶ Very hardy
- ▶ Bright yellow fall color



# Large Trees: Shademaster Honeylocust

*Gleditsia triacanthos v. inermis* 'Shademaster'

- ▶ 50' tall
- ▶ Spreading crown
- ▶ Light green in summer
- ▶ Yellow fall color
- ▶ Little leaf litter
- ▶ Thornless, podless
- ▶ Tolerant of drought, poor soils



# Large Trees: Scarlet Oak

*Quercus coccinea*

- ▶ 75' Tall
- ▶ Brilliant red fall color
- ▶ Broad canopy
- ▶ Fast growing
- ▶ Drought tolerant



# Large Trees: Bur Oak

*Quercus macrocarpa*

- ▶ 60' tall
- ▶ Broad, rounded crown
- ▶ Glossy green leaves
- ▶ Very cold hardy
- ▶ Drought tolerant



# Large Trees: Red Oak

*Quercus rubra*

- ▶ Very large – 75’ tall
- ▶ Round canopy
- ▶ “Pointy” leaves
- ▶ Deep red fall color



# Large Trees: Redmond Linden

*Tilia americana* 'Redmond'

- ▶ 60' tall, 30' wide
- ▶ Uniform pyramidal habit
- ▶ Yellow fall color
- ▶ Flowers not showy but fragrant



# Large Trees: Greenspire Linden

*Tilia cordata* 'Greenspire'

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- ▶ 40–50' tall
- ▶ Distinctive shape
- ▶ Yellow fall color
- ▶ Fragrant flowers



# Large Trees: Accolade Elm

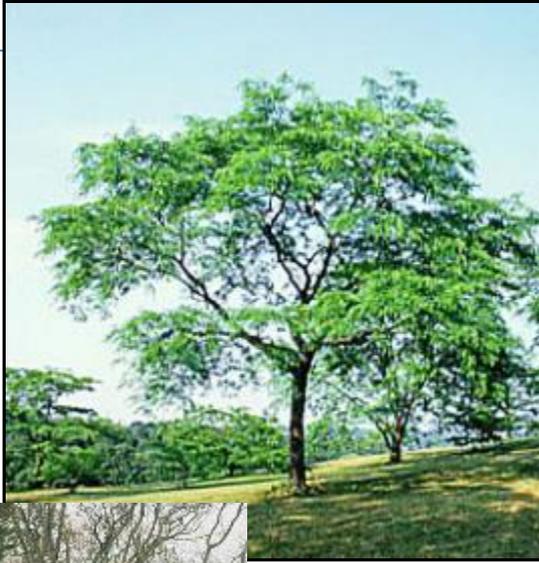
*Ulmus* hybrid 'Morton'

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- ▶ 60' tall
- ▶ Arching shape similar to American Elm
- ▶ Yellow fall color
- ▶ Not susceptible to Dutch Elm Disease



# Time to Choose



# Tree Reserve





## Our Trees Waiting Patiently



# SMALL TREES

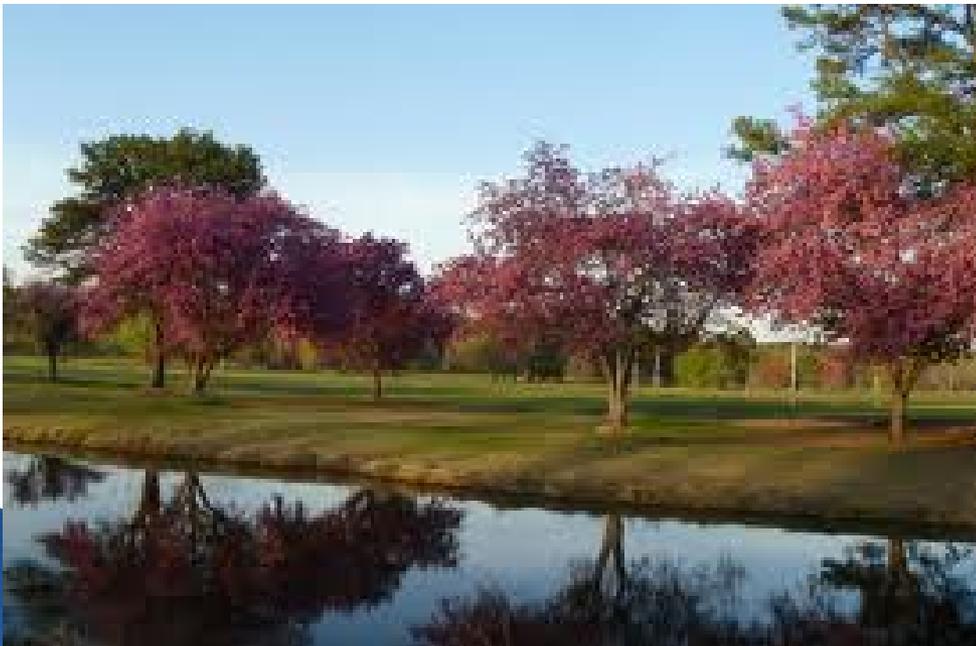
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# Small Trees: Perfect Purple Crabapple

*Malus 'Perfect Purple'*

- ▶ 20–25' tall
- ▶ Rounded canopy
- ▶ Deep pink flowers in spring
- ▶ Dark purple foliage all year



# Small Trees: Amur Maackia

*Maackia amurensis*

- ▶ 20–30', slow growing
- ▶ Summer bloom of white flower clusters
- ▶ Peeling orange–brown bark
- ▶ Little fall color
- ▶ Drought tolerant
- ▶ Needs early pruning



# Small Trees: Princess Kay Plum

*Prunus nigra* 'Princess Kay'

- ▶ 15' tall
- ▶ White double flowers bloom in spring



# Small Trees: Pacific Sunset Maple

*Acer truncatum x platanooides 'Warrensred'*

- ▶ 30' tall x 25' wide
- ▶ Rounded crown
- ▶ Bright red fall color



# Small Trees: Prairie Rose Crabapple

*Malus ioensis* 'Prairie Rose'

- ▶ 20' tall, rounded canopy
- ▶ Light pink flowers in spring are fragrant
- ▶ Blooms later than most crabs
- ▶ Fruitless



## Small Trees for tree lawns 3 feet wide



### Crimson Cloud Hawthorn

#### *Crataegus laevigata*

Hawthorn (*Crataegus*) is deciduous and a member of the rose family. The common name for hawthorn comes from haw, which is an old English word for "hedge." *Crataegus*, means "hardness", referring to the quality of the wood. Deciduous tree, 5-20 ft (4.5-6 m), low branching, rounded top, dense thorny (to 2.5 cm long) branches. Leaves alternate, glossy green, rounded 3-5 lobed, serrulate, of variable size. Crimson Cloud (also known as 'Superba') English Hawthorn grows rapidly in a pyramidal form to about 20 feet, then the crown expands to become oval or irregular. The tree tolerates most soils growing well in clay, but prefers heavy, dry loam. The main ornamental feature is white and red flowers borne in spring which together give the tree a deep pink color.

# MEDIUM TREES

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# Medium Trees: Red Sunset Maple

## *Acer rubrum* 'Franksred'

- ▶ 45–50' tall
- ▶ Rounded crown
- ▶ Crimson fall color



# Medium Trees: Red Rocket Maple

*Acer rubrum 'Red Rocket'*

- ▶ Narrow upright tree
  - 35' tall x 15' wide
- ▶ Brilliant red fall color



# Medium Trees: Columnar English Oak

*Quercus robur* 'Fastigiata'

- ▶ 50' tall x 15' wide
- ▶ Narrow, upright form
- ▶ Deep green, glossy leaves
- ▶ Yellow fall color



## Medium Trees for tree lawns 3 to 5 feet wide



### Mongolian or Harvest Gold Linden

Developed in Manitoba, this Linden has an upright, oval shape making it an excellent street tree. Good exfoliating bark and resistant to sun scald and leaf spot. Ht. 30-35' Spread 20-25'

## Medium Trees for tree lawns 3 to 5 feet wide

### Prairie Gem Pear

*Pyrus ussuriensis* 'MorDak' 20' height x 15' width, white flowers in early spring, yellow fall color, hardiness Zone 3. This is an excellent small statured tree. The foliage has a good green color throughout the growing season, followed by a yellow fall color. This tree will be one of the first to flower, usually in late April.



# Small Trees for tree lawns 3 feet wide

## Mountain Ash *sorbus americana*



This smooth-barked tree reaches a height of 20 feet with a trunk 14 inches in diameter. The leaves resemble those of the sumac, consisting of from 11 to 17 lance-shaped, pointed leaflets about 1 1/4 to 4 inches long. When young they are slightly hairy, both sides soon becoming smooth. The white flowers are borne from May to June in dense clusters measuring from 3 to 6 inches across. The flowers are followed later in the season by large, dense, showy clusters of bright-red berries about the size of peas, which give the tree a brilliant appearance.

# LARGE TREES

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# Large Trees: Autumn Blaze Maple

*Acer xfreemanii* 'Jeffersred'

- ▶ 40–50' tall, oval crown
- ▶ Fiery red fall color



# Large Trees: Imperial Honeylocust

*Gleditsia triacanthos v. inermis* 'Imperial'

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- ▶ 35' tall
- ▶ Spreading crown
- ▶ Light green in summer
- ▶ Yellow fall color
- ▶ Little leaf litter
- ▶ Produces a few pods
- ▶ Tolerant of drought, poor soils



# Large Trees: Sunburst Honeylocust

*Gleditsia triacanthos v. inermis* 'Sunburst'

- ▶ 50' tall, vigorous grower
- ▶ Spreading crown
- ▶ New foliage emerges bright yellow, then turns green
- ▶ Yellow fall color
- ▶ Little leaf litter
- ▶ Thornless
- ▶ Tolerant of drought, poor soils



# Large Trees: Prospector Elm

*Ulmus wilsoniana* 'Prospector'

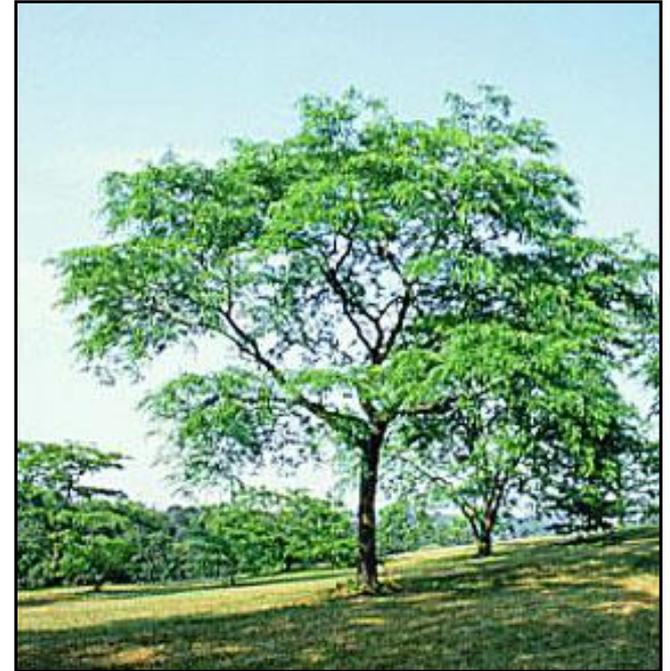
- ▶ 50' tall, fast growing
- ▶ Vase shaped
- ▶ Resistant to Dutch Elm Disease
- ▶ New leave with reddish–orange color
- ▶ Yellow fall color



# Large Trees: Skyline Honeylocust

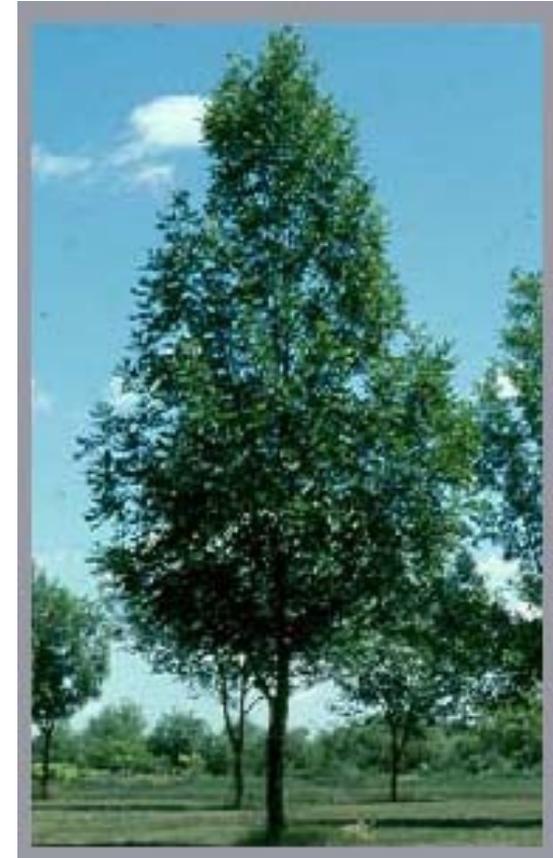
*Gleditsia triacanthos v. inermis* 'Skycole'

- ▶ 50' tall, vigorous grower
- ▶ Spreading crown
- ▶ Light green in summer
- ▶ Yellow fall color
- ▶ Little leaf litter
- ▶ Thornless
- ▶ Tolerant of drought, poor soils



# Large Trees for tree lawns 5 feet wide and wider

Prairie Spire Ash



*Prairie Spire* *Fraxinus pennsylvanica* 'It grows rapidly, with a compact, broad columnar to narrow pyramidal crown. It has good yellow fall color and produces no seed. Male seedless green ash cultivar with an above average growth rate of 1.84 feet annually over a ten-year period. Foliage is glossy and bright green. Characterized by a striking, narrowly erect, recurrent growth habit with terminal dominance and dense lateral branches, becoming narrowly pyramidal-elliptical with age. Hardy in USDA Zone 2b. It will reach a semi-mature height of 35 to 40 feet in 25 to 30 years. This tailored, dense excurrent green ash is a preferred cultivar in the commercial nursery trade of the north-central U.S. and prairie provinces in Canada. 55/25

## Large Trees for tree lawns 5 feet wide and wider



“Sunburst” Honey Locust

*Gleditsia triacanthos* var. “Sunburst” thornless. Somewhat vase-shaped, with a pleasing rounded outline, this tree offers a light, filtered shade. The dark green compound leaflets turn golden each autumn and because of their small size (about 1/2" long), fall clean up is easy - the leaflets often "melt away" into the soil, before one has a chance to rake. 'Shademaster' is basically podless, further proof of its cleanliness and good manners.

Trees mature at around 50-60' high by 30-40' wide, so they definitely need their space. The bright golden foliage on 8 to 10 inches of the tips of the branches creates a beautiful contrast with the rich green of the rest of the tree. An elegance and delicacy of habit sets this tree apart. Thornless and seedless.

# Large Trees for tree lawns 5 feet wide and wider

## **Acer Rubrum Northwood Maple**



'Northwood' is a fast growing, hardy, upright tree with ascending branches and a broadly rounded form with age. Reaches 40 to 60 feet tall and spreads 30 to 40 feet. New foliage emerges vibrant red, turns dark green in summer and brilliant yellow, orange and fiery red in fall. Smooth, light gray bark becomes deeply ridged with age. Showy red flowers precede foliage on intriguing reddish branches. Exceptional fall color. The hardiest of the red maples, according to John Driedger.

## Large Trees for tree lawns 5 feet wide and wider



### Accolade elm

(*Ulmus japonica x wilsoniana* 'Morton') is characterized by arching limbs and a graceful vase shape like that of the classic American Elm. Its glossy dark green foliage changes to yellow in the fall and is resistant to elm leaf beetle feeding as well as Dutch Elm Disease and Phloem Necrosis. This fine cultivar derives from an outstanding specimen tree growing at Morton Arboretum

## Large Trees for tree lawns 5 feet wide and wider



**Red Rocket** is the perfect Red maple for those small areas that need fiery red fall color. Red Rocket is a national Arboretum release and derived from a northern Minnesota provenance. Exhibits high leaf hopper resistance. The combination of reduced size, and tight upright habit make this tree a perfect choice for tight urban areas.

35 feet tall x 8 feet wide.

# Large Trees for tree lawns 5 feet wide and wider

## Prairie Spire Ash *Fraxinus pennsylvanica* 'Rugby'



Developed by NDSU in the late 1980's, this tree is a narrow, upright selection of Green Ash. It is suitable for use in situations where limited canopy is a concern. This tree is also very tolerant of the harshest conditions that a city can offer. Male seedless green ash cultivar with an above average growth rate of 1.84 feet annually over a ten-year period. Foliage is glossy and bright green. Characterized by a striking, narrowly erect, excurrent growth habit with terminal dominance and dense lateral branches, becoming narrowly pyramidal-elliptical with age. Hardy in USDA Zone 2b. It will reach a semi-mature height of 35 to 40 feet in 25 to 30 years. This tailored, dense excurrent green ash is a preferred cultivar in the commercial nursery trade of the north-central U.S. and prairie provinces in Canada. Autumn Foliage: bright yellow in autumn

# Large Trees for tree lawns 5 feet wide and wider

## Regal Prince Oak

This introduction is an improvement over the other columnar oaks that are available. Regal Prince will reach an estimated height of 45' and a width of 18' feet in twenty years. The branch structure is much stronger and consistently fuller than other columnar cultivars of oak. The foliage is glossy bright green on the top and a soft light green color on the underside giving the leaves a nice two tone color contrast. The foliage is very mildew resistant, so much so that I have never seen powdery mildew on this plant. In late summer, the long acorns turn lime green for 10 days to two weeks and are ornamental for this period of time. In fall both the leaves and acorns turn dull yellow, then brown.

The tree works well standing alone in smaller yards, used to frame an area to be highlighted, or as a visual screen. It is very columnar when young and begins to reach it's width potential with age. The ideal location for this tree is in a moist but well drained soil with a pH of 6.5.



# Large Trees for tree lawns 5 feet wide and wider



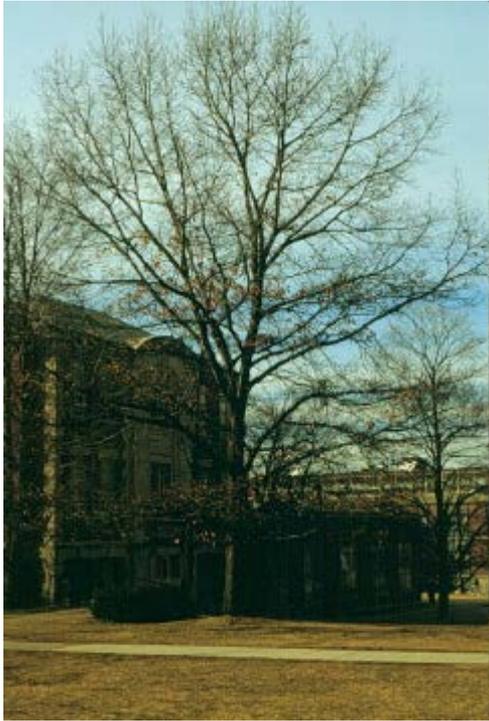
**Mancana Ash**



**Zone: 2 Height: 40-50' Foliage: Green Spread: 20-25' Fall Foliage: Yellow Growth Rate: Moderate. Shape: Broad, Oval Extremely hardy seedless Manchurian Ash maturing to a broad oval form. Adaptable to many soil and climate conditions. Easily transplanted.**

# Large Trees for tree lawns 5 feet wide and wider

## Scarlet Oak *Quercus Coccinea*



Scarlet oak (*Quercus coccinea*), also called black oak, red oak, or Spanish oak, is best known for its brilliant autumn color. It is a large rapid-growing tree of the Eastern United States found on a variety of soils in mixed forests, especially light sandy and gravelly upland ridges and slopes. Best development is in the Ohio River Basin. In commerce, the lumber is mixed with that of other red oaks. Scarlet oak is a popular shade tree and has been widely planted in the United States and Europe. Scarlet oak is monoecious. It flowers in April or May, depending on latitude, elevation, and weather. Two growing seasons are required for the acorns to mature.

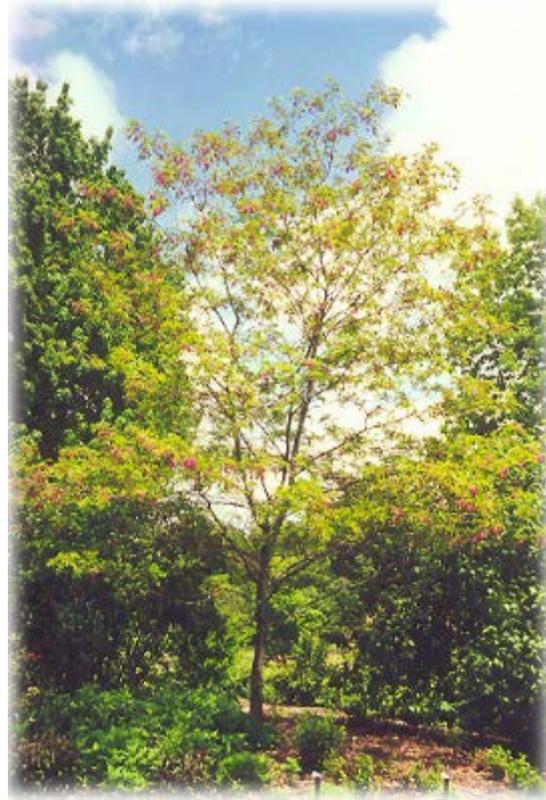
Scarlet oak seedlings develop a strong taproot with relatively few lateral roots. Difficulties in transplanting this species may be related to its coarse root system plus its relatively slow rate of root regeneration. Scarlet oak is classed as very intolerant of shade.

# Large Trees for tree lawns 5 feet wide and wider

## Purple Robe Locust

*Robina Pseudoacacia*

Only One available now.



**Height:** 40 feet **Spread:** 30 feet **Hardiness Zone:** 4a A round-headed shade tree with highly fragrant and very attractive chains of deep pink flowers in spring; extremely adaptable, performs well in poor soils; more compact than the species, ideal as an accent tree for home landscapes

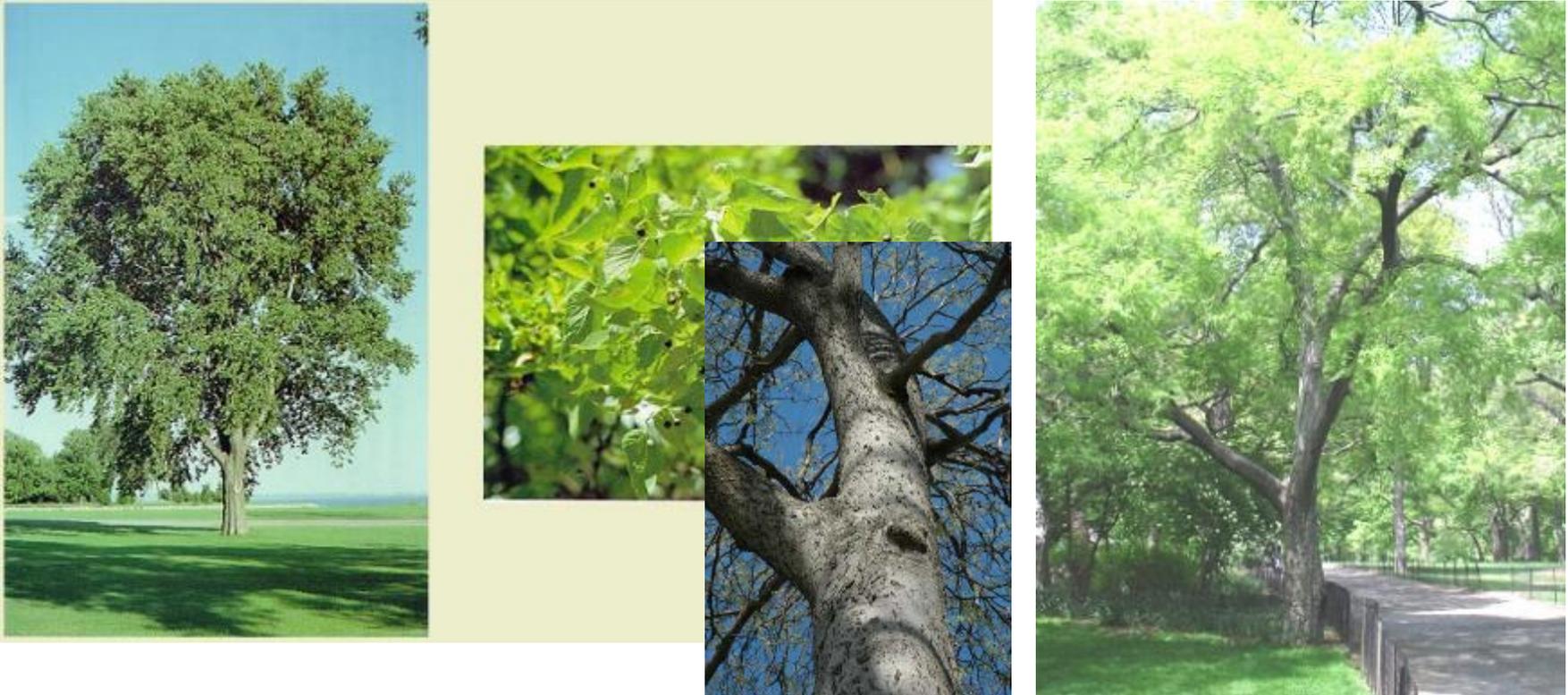
Purple Robe Locust has bluish-green foliage which emerges burgundy in spring. The oval pinnately compound leaves turn yellow in fall. It has chains of fragrant rose pea-like flowers with yellow eyes hanging below the branches in late spring. The fruit is not ornamentally significant. The furrowed black bark is not particularly outstanding.

Purple Robe Locust is a deciduous tree with a more or less rounded form. Its relatively fine texture sets it apart from other landscape plants with less refined foliage.

This is a high maintenance tree that will require regular care and upkeep, and is best pruned in late winter once the threat of extreme cold has passed. Deer don't particularly care for this plant and will usually leave it alone in favor of tastier treats. Gardeners should be aware of the following characteristic(s) that may warrant special consideration: Suckering, Insects, May get spines.

# Large Trees for tree lawns 5 feet wide and wider

## Common Hackberry *celtis occidentalis*



Ht. 40-60 ft., spd. 30-60 ft. Full sun to part shade. Low water needs (xeric). A large shade tree with an irregular habit when young, maturing to a stately rounded crown. Foliage is light green. Characteristic corky knobbed bark texture. Very adaptable and tolerant of heavy soils. Tiny reddish purple, sweet cherry-like berries that birds love ripen in late summer. A Colorado native. Commonly referred to as “one tough tree!”

The tree is commonly used as a replacement for American Elm. Its leaf is quite similar; however, its bark is quite different. It is tolerant of many urban environments and, according to the city of Fargo, ND, grows up to 18" a year when young in Fargo.

# Large Trees for tree lawns 5 feet wide and wider

## Fairview Maple

*Acer Platanoides*



Height 45', Spread 35' Zone 4. Upright, oval tree with reddish-purple new growth, maturing to bronze green and in the fall yellow-green to gold. . It bears greenish-yellow flowers in early spring. Tolerant of poor soils and harsh environmental conditions, but should be grown where vigorous surface roots will not be a problem. Growth rate—fast.

# Large Trees for tree lawns 5 feet wide and wider

## New Horizon Elm

*Ulnus Japonicus*

One only available now.



**Zone:** 4 **Height:** 55' **Spread:** 40' **Shape:** Upright oval, slightly arching **Foliage:** Dark green **Fall Color:** Yellow **DISEASE TOLERANCE:**

Dutch elm disease and phloem necrosis This cold tolerant hybrid elm was developed in a disease resistance program at the University of Wisconsin. Easy to grow, straight, and symmetrical in the nursery, it becomes a rugged street tree.

# Large Trees for tree lawns 5 feet wide and wider

## Beech Tree *Fagus sylvatica*



# Large Trees for tree lawns 5 feet wide and wider

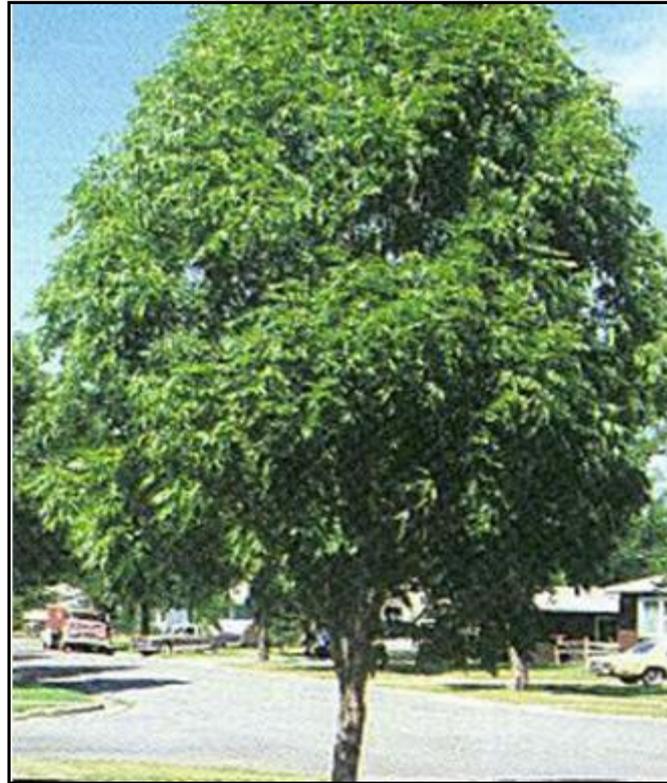
Greenspire Linden



*Tilia cordata* 'Greenspire' Height 40-50', Spread 30-35'. Greenspire has a straight trunk with a narrow, pyramidal crown, small, heart-shaped, dark green leaves; makes a good street tree. "Widely known for uniform branching, central leader and good disease and insect resistance".—Driedger.

# Large trees for tree lawns 5 feet wide and wider

Mancana Ash



A very attractive and hardy medium sized shade tree with a tightly rounded, almost lollipop shape and reliable yellow fall color, an excellent shade tree for smaller home properties, very low maintenance; has become extremely popular and trendy. Manchurian Ash Cultivars:

*Mancana Ash* *Fraxinus mandshurica* 'Mancana' Height 40-50', Spread 20-25' It has a dense upright, oval crown, produces no seed and has shiny dark green leaves. Tolerates drought and excess moisture; introduced by Morden Research Station, Morden Manitoba

# Extra photos

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Princess Kay Plum – flower

