Recommended Trees for North Dakota Communities

Top left: Briarwood Court playground, Wahpeton. Top right: Downtown Valley City. Bottom: Sargent County Courthouse, Forman
# TABLE OF CONTENTS

**INTRO & SYMBOL KEY**
- Page 3

**DECIDUOUS TREES**
- Pages 4-14
  - Alder
  - Birch
  - Buckeye
  - Catalpa
  - Chokecherry
  - Coffeetree
  - Cork tree
  - Crabapple
  - Elm
  - Ginkgo
  - Hackberry
  - Hawthorn
  - Honeylocust
  - Ironwood
  - Katsura
  - Lilac
  - Linden/basswood
  - Maackia
  - Maple
  - Oak
  - Serviceberry
  - Walnut
  - Willow

**FAMILY LIST**
- Page 15

**ND PLANT HARDINESS ZONE MAP**
- Page 16

**REFERENCES**
- Page 16

(*included in parentheses following every tree description)
Please keep **DIVERSITY** of species in mind—communities should take steps to choose varieties that do not currently dominate the landscape. Follow this guideline:

- 20% or less of trees from the same Genus
- 10% or less of trees from the same Species

**EXAMPLE:**

*Tilia* (Genus) *americana* (Species): American linden (Common name)

*Tilia* (Genus) *cordata* (Species): Littleleaf linden (Common name)

For example, if your community has 15% American linden and 8% Littleleaf linden (23% total for the Genus), then you may want to stay away from planting lindens.

A Tree Inventory & Plan (TIP)/public tree inventory* is an excellent resource for managing community trees. Go to [https://ndcitytrees.org/NorthDakota/](https://ndcitytrees.org/NorthDakota/), click ‘Explore Cities’. Find your city and click on it. Scroll down and click ‘Charts’. This will show you a pie chart of all of the tree species in your community. If any tree species on your list are more than 10%, avoid choosing those species when selecting trees for planting.

*contact [NDFS Community Forestry staff](mailto:NDFSCommunityForestryStaff) if your community does not have a TIP/public tree inventory.

For more information on Tree Classification, please visit [The Arbor Day Foundation](https://www.arborday.org).

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**SYMBOLS KEY**

- **=** Drought tolerant
- **=** Alkaline tolerant
- **=** Native to ND
- **=** Pollinator friendly
- **=** Overhead utility friendly
- **=** Large trees (45’ & up). Boulevard width should be 7 feet or larger. Large trees should be planted more than 35 feet away from other trees.
- **=** Medium trees (30-45’). Boulevard width should be 5 feet or larger. Medium trees should be planted at least 30-40 feet away from other trees.
- **=** Small trees (15-30’). Boulevard width should be wider than 4 feet. Small trees should be planted at least 25-30 feet away from other trees.
**ALDER**

*Alnus hirsuta* ‘Harbin’

**Prairie Horizon**

**Manchurian alder**

- Zone: 3
- Height: 30-40’
- Spread: 20-30’
- Shape: Upright
- Foliage: Dark green
- Fall color: Yellow

NDSU selection for upright growth and attractive foliage. Rapid growing. Decorative purple catkins and clusters of brown cone-like fruit. Drought tolerant. (1,4,6,7,10,12)

**BIRCH**

*Betula platyphylla* ‘Fargo’

**Dakota Pinnacle birch**

- Zone: 3
- Height: 35’
- Spread: 10-12’
- Shape: Upright, columnar
- Foliage: Dark green
- Fall color: Golden yellow

NDSU selection for form and bronze birch borer resistance. Tolerant of heat, drought, and alkaline soils. (1,7,11,12)

*Betula platyphylla* ‘Jefpark’ PP25,468

**Parkland Pillar birch**

- Zone: 3
- Height: 40’
- Spread: 6-7’
- Shape: Narrow, upright
- Foliage: Dark green
- Fall color: Yellow

Fast growing, suitable for screens or boulevard plantings. Tolerant of drought, heat, and alkaline soils. (7,11)

*see photo on page 14*

**Betula papyrifera** ‘Varen’ PP15768

**Prairie Dream paper birch**

- Zone: 2
- Height: 35-40’
- Spread: 20-25’
- Shape: Upright, oval
- Foliage: Dark green
- Fall color: Bright gold

NDSU selection for snow-white peeling bark. Excellent cold hardiness and resistance to bronze birch borer. Prefers a moist, well-drained site. (1,11,12)

**BUCKEYE**

*Aesculus x arnoldiana* ‘Autumn Splendor’

**Autumn Splendor buckeye**

- Zone: 3
- Height: 30-35’
- Spread: 25’
- Shape: Rounded
- Foliage: Dark green
- Fall color: Red

Large white blooms in spring, followed by brilliant red fall color. Prefers moist soil and full sun. Tolerates a wide range of soil conditions. (1,6,7,10)

*Aesculus x* ‘Bergeson’

**Prairie Torch buckeye**

- Zone: 3
- Height: 30’
- Spread: 30’
- Shape: Round, upright
- Foliage: Dark green
- Fall color: Orange-red

NDSU selection, showy yellow flowers. Fruit are spiny golf ball sized capsules that attract wildlife. Prefers moist, well-drained soils. (11,12)
CATALPA

*Catalpa speciosa*

**Northern catalpa**

- **Zone:** 4
- **Height:** 50-60’
- **Spread:** 35-40’
- **Shape:** Upright, oval
- **Foliage:** Green, heart shaped
- **Fall color:** Yellow-green

Fast growing. 2” long, tube-like white flowers appear in 4-8” clusters. Fruit is a long persistent pod. Very tolerant of heat and drought. (4,6,7,10,11)


**COFFEE TREE**

*Gymnocladus dioicus*

**‘Espresso-JFS’**

- **Zone:** 4
- **Height:** 50-60’
- **Spread:** 35-40’
- **Shape:** Oval to vase
- **Foliage:** Bluish-green
- **Fall color:** Yellow

Seedless cultivar. Drought tolerant. Excellent for tough urban locations. (1,6,7,10,11)

**CHOKECHERRY**

*Prunus maackii*

**Amur chokecherry**

- **Zone:** 2
- **Height:** 20-30’
- **Spread:** 25-30’
- **Shape:** Rounded
- **Flower:** White
- **Fall color:** Yellow

Very hardy, non-suckering. Produces white flowers and black fruit. Striking metallic, golden-brown, exfoliating bark. Good wildlife plant. (1,7)

**CORK TREE**

*Phellodendron amurense*

**‘His Majesty’**

- **Zone:** 3
- **Height:** 40’
- **Spread:** 35’
- **Shape:** Broad vase
- **Foliage:** Medium green
- **Fall color:** Yellow

Fast growing, upright spreading. Generally seedless. (10,11)

**Prunus maackii ‘Ming’**

**Ming chokecherry**

- **Zone:** 3
- **Height:** 10’
- **Spread:** 5-10’
- **Shape:** Round, upright
- **Flower:** White
- **Fall color:** Yellow

Clusters of white flowers late spring followed by small black fruit. Attracts birds. Exfoliating bark. (10)
Malus ‘Dolgo’

Dolgo crabapple

Zone: 3
Height: 30’
Spread: 25-30’
Flower: White
Fruit: Red, edible
Foliage: Green

One of the hardiest and earliest of the crabapples to bloom. Pink buds open to large, fragrant white flowers. Abundant fruits ripen in late summer are edible and excellent for jelly. (7,11)

Malus x adstringens ‘Durleo’ PP20,167

Gladiator crabapple

Zone: 2
Height: 20’
Spread: 9’
Flower: Pink
Fruit: Reddish-purple
Foliage: Bronze-purple

Upright, columnar and compact. Ideal for space-challenged sites. (3,6,7)

Malus ‘Jarmin’ PP 14337

Marilee crabapple

Zone: 4
Height: 25’
Spread: 10’
Flower: White
Foliage: Medium green
Fall Foliage: Orange

Upright, narrow form and virtually fruitless. Good disease resistance. (6,7,10,11)

Malus ‘Red Splendor’

Red Splendor crabapple

Zone: 3
Height: 20-25’
Spread: 20’
Flower: Pink
Fruit: Red
Foliage: Glossy green

Rounded form. Shiny, cherry-like, red, extremely persistent fruits. Good wildlife plant. (3,6,7)

Additional crabapple species

<table>
<thead>
<tr>
<th>Species</th>
<th>Zone</th>
<th>Flower</th>
<th>Fruit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams (Malus ‘Adams’)</td>
<td>4</td>
<td>Pink</td>
<td>Red</td>
</tr>
<tr>
<td>Adirondack (Malus ‘Adirondack’)</td>
<td>4</td>
<td>White</td>
<td>Bright red</td>
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<tr>
<td>Coralburst (Malus ‘Coralcole’)</td>
<td>3</td>
<td>Pink</td>
<td>Red-orange</td>
</tr>
<tr>
<td>Emerald Spire (Malus ‘Jefgreen’ PP23,863)</td>
<td>2</td>
<td>Pink</td>
<td>Red</td>
</tr>
<tr>
<td>Pink Spires (Malus ‘Pink Spires’)</td>
<td>2</td>
<td>Light pink</td>
<td>Purple-red</td>
</tr>
<tr>
<td>Prairifire (Malus ‘Prairifire’)</td>
<td>4</td>
<td>Red-purple</td>
<td>Maroon, cone shaped</td>
</tr>
<tr>
<td>Red Barron (Malus ‘Red Barron’)</td>
<td>4</td>
<td>Dark red to pink</td>
<td>Dark red</td>
</tr>
<tr>
<td>Show Time (Malus ‘Shotizam’)</td>
<td>3</td>
<td>Fuschia-red</td>
<td>Red</td>
</tr>
<tr>
<td>Sugar Tyme (Malus ‘Sutyzam’)</td>
<td>4</td>
<td>Snowy white</td>
<td>Rich red</td>
</tr>
<tr>
<td>Thunderchild (Malus ‘Thunderchild’)</td>
<td>3</td>
<td>Pink</td>
<td>Dark red</td>
</tr>
</tbody>
</table>
**ELM *all elms listed have resistance to Dutch elm disease (DED)*

A NOTE ON ELMS: There are many different DED resistant elms available. Please be aware of **MAINTENANCE** needs. All American elm selections require a significant investment in pruning during the first 10-15 years. Elms that have **high** or **very high** maintenance requirements will need the most attention (more species are listed on page 7). Regardless of species chosen, it is recommended to contact NDFS community forestry staff for a pruning workshop once elms are established (2-3 years after planting).

**Ulmus americana ‘Lewis & Clark’**

**Prairie Expedition® elm**

- **Zone:** 3
- **Height:** 55’
- **Spread:** 60’
- **Shape:** Rounded to spreading vase
- **Foliage:** Dark green
- **Fall color:** Yellow

NDSU selection, fast growth, **moderate maintenance** during formative years. Tough and extremely cold hardy. High DED resistance. (1,2,6,7,8,10,11,12)

**Ulmus davidiana var. japonica ‘Burgundy Glow’**

**Northern Empress elm**

- **Zone:** 3
- **Height:** 28’
- **Spread:** 24’
- **Shape:** Rounded open crown
- **Foliage:** Green
- **Fall color:** Burgundy red

NDSU selection. Very hardy small to medium sized elm. Tolerant of higher pH soils. Good drought tolerance. (6,10,12)

**Ulmus x ‘Morton’**

**Accolade elm**

- **Zone:** 4
- **Height:** 50-60’
- **Spread:** 25-40’
- **Shape:** Upright
- **Foliage:** Deep green
- **Fall color:** Golden yellow

Fast growth, **moderate maintenance** during formative years. Excellent disease and pest resistance. (2,6,7,8,10,11)

**Ulmus davidiana var. japonica ‘Discovery’**

**Discovery elm**

- **Zone:** 3
- **Height:** 35-40’
- **Spread:** 30’
- **Shape:** Upright, vase
- **Foliage:** Green
- **Fall color:** Yellow

Slow growth rate, **moderate maintenance** during formative years. Similar in shape to the American elm but smaller. Adapts well to a variety of soils. Stress and drought tolerant. (2,6,7,8,10,11)
**Cathedral elm**

*Ulmus americana* ‘Princeton’

- **Zone**: 4
- **Height**: 40-50’
- **Spread**: 40-60’
- **Shape**: Broadly vase-shaped
- **Foliage**: Medium to light green
- **Fall color**: Yellow

Very fast growth, very high maintenance during formative years. Good disease and pest resistance. (2,6,7,8,10,11)

*see photo on page 14*

**Triumph elm**

*Ulmus ‘Morton Glossy’*

- **Zone**: 4
- **Height**: 60’
- **Spread**: 35-40’
- **Shape**: Upright
- **Foliage**: Glossy, deep green
- **Fall color**: Yellow

Very fast growth, moderate maintenance during formative years. Good disease and pest resistance. (2,6,7,8,10,11)

<table>
<thead>
<tr>
<th>Additional elm species</th>
<th>Zone</th>
<th>Maintenance</th>
<th>Growth Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>‘Princeton’ elm</td>
<td>4</td>
<td>Very high</td>
<td>Fast</td>
</tr>
<tr>
<td>‘St. Croix’ elm</td>
<td>4</td>
<td>Very high</td>
<td>Very fast</td>
</tr>
<tr>
<td>‘Valley Forge’ elm</td>
<td>4</td>
<td>Very high</td>
<td>Very fast</td>
</tr>
<tr>
<td>‘New Horizon’ elm</td>
<td>4</td>
<td>High</td>
<td>Very fast</td>
</tr>
<tr>
<td>‘Vanguard’ elm</td>
<td>4</td>
<td>High</td>
<td>Fast</td>
</tr>
</tbody>
</table>

**Ginkgo**

*Ginkgo biloba* ‘Autumn Gold’

*Autumn Gold ginkgo*

- **Zone**: 4
- **Height**: 50’
- **Spread**: 30’
- **Shape**: Upright broad conical
- **Foliage**: Green
- **Fall color**: Yellow

Fruitless selection. Fan-shaped leaves. Tolerant of urban conditions. (6,7,10,11)

**Hackberry**

*Celtis occidentalis*

*Hackberry*

- **Zone**: 2
- **Height**: 50-75’
- **Spread**: 50’
- **Shape**: Spreading, rounded
- **Foliage**: Bright green
- **Fall color**: Soft yellow

Tall, spreading, native tree. Very adaptable to urban conditions. (1,4,6,7,9,10,11)
**Hawthorn**

**Crataegus crus-galli var. inermis**

**Thornless Cockspur hawthorn**

- Zone: 4
- Height: 15-20’
- Spread: 15-20’
- Shape: Rounded, spreading
- Foliage: Dark green
- Fall color: Orange

Abundant white flowers in early summer, followed by small bright red persistent fruit in autumn. Prefers moist conditions, but is drought-tolerant. (1,7,11)

**Crataegus x mordenensis 'Snowbird’**

**Snowbird hawthorn**

- Zone: 4
- Height: 12-15’
- Spread: 20’
- Shape: Upright, rounded
- Foliage: Dark green
- Fall color: Yellow

Fragrant double white flowers, minimal fruit production. (1,7,11)

**Honeylocust**

**Gleditsia triacanthos var. inermis ‘Harve’**

**Northern Acclaim honeylocust**

- Zone: 3
- Height: 35-45’
- Spread: 30-35’
- Shape: Symmetrical, upright
- Foliage: Dark green
- Fall color: Yellow

NDSU selection for hardiness. Thornless and seedless, drought resistant. (1,6,7,10,11,12)

**Gleditsia triacanthos ‘Skycole’**

**Skyline honeylocust**

- Zone: 4
- Height: 45’
- Spread: 35’
- Shape: Broadly pyramidal
- Foliage: Dark green
- Fall color: Golden yellow

Thornless and essentially fruitless. (7,11)

**Gleditsia triacanthos ‘Suncole’**

**Sunburst honeylocust**

- Zone: 4
- Height: 40’
- Spread: 35’
- Shape: Irregularly rounded
- Foliage: Bright yellow tip growth
- Fall color: Yellow-brown

Bright golden yellow, fine textured foliage. Thornless and seedless. (7,11)

*see photo on page 2

**Ironwood**

**Ostrya virginiana**

**Ironwood/American hophornbeam**

- Zone: 3
- Height: 30-45’
- Spread: 25’
- Shape: Oval to rounded
- Foliage: Bright green
- Fall color: Golden yellow

Slow growing. Hop-like fruits in late summer. Full sun to part shade. Prefers moist, well-drained soils. (1,4,6,7,9,10,11)
### KATSURA

*Cercidiphyllum japonicum*

**Katsura**

- **Zone:** 4
- **Height:** 40-60’
- **Spread:** 20-30’
- **Shape:** Pyramidal, broad
- **Foliage:** Bluish-green
- **Fall color:** Yellow

Heart-shaped foliage. Little tolerance for drought when young. Relatively tolerant of alkaline soil. A good selection for a park or garden. (7,10,11)

### LILAC

*Syringa reticulata*

**Japanese tree lilac**

- **Zone:** 3
- **Height:** 25’
- **Spread:** 25’
- **Shape:** Spreading
- **Foliage:** Deep green
- **Fall color:** Yellow

Creamy white flowers in large panicles early summer. Glossy red-brown bark. Tolerates a wide variety of moist, well-drained soils. (1,4,5,6,7,9,10)

**Syringa reticulata ‘Ivory Silk’**

**Ivory Silk Japanese tree lilac**

- **Zone:** 3
- **Height:** 25’
- **Spread:** 15’
- **Shape:** Compact, oval
- **Foliage:** Deep green
- **Fall color:** Yellow

Sturdy, more compact, oval growth habit. Cherry-like bark, large creamy white flower clusters. (1,4,5,6,7,9,10)

### LINDEN/BASSWOOD

*Tilia americana*

**American linden**

- **Zone:** 3
- **Height:** 75-90’
- **Spread:** 40-50’
- **Shape:** Rounded at maturity
- **Foliage:** Large, dark green
- **Fall color:** Yellow

Tall, spreading, adaptable, native linden. Fragrant yellow flowers and large, dense foliage. (1,4,7,10)

**Tilia americana ‘Boulevard’**

**Boulevard linden**

- **Zone:** 3
- **Height:** 60-70’
- **Spread:** 40’
- **Shape:** Roudned
- **Foliage:** Green
- **Fall color:** Yellow

Broadly pyramidal when young and nicely rounded with age. Dense foliage offers excellent shade. (1,7,10)

**Tilia americana ‘Bailyard’**

**Frontyard® linden**

- **Zone:** 3
- **Height:** 60-75’
- **Spread:** 40’
- **Shape:** Pyramidal
- **Foliage:** Dark green
- **Fall color:** Yellow

Fragrant yellow flowers. Ideal for boulevards and other sites where height is needed but width is limited. (1,7,10,11)
**Tilia americana ‘Redmond’**

**Redmond linden**

- **Zone:** 3
- **Height:** 40-60’
- **Spread:** 25-30’
- **Shape:** Pyramidal, uniform
- **Foliage:** Glossy, light green
- **Fall color:** Bright yellow

Dense foliage, very hardy. Fragrant clusters of pale yellow flowers. (1,7,10,11)

**Tilia cordata**

**Littleleaf linden**

- **Zone:** 4
- **Height:** 35-45’
- **Spread:** 30-35’
- **Shape:** Broad, pyramidal
- **Foliage:** Glossy, dark green
- **Fall color:** Yellow

Glossy dark foliage and fragrant pendulous flowers in early summer. Very adaptable, does well in poor soil. (1,4,7,9,10)

**Tilia x mongolica ‘Harvest Gold’ PP12,232**

**Harvest Gold linden**

- **Zone:** 2
- **Height:** 30-40’
- **Spread:** 25-30’
- **Shape:** Upright, oval
- **Foliage:** Green
- **Fall color:** Golden yellow

A very hardy selection with upright growth. Glossy, heart shaped leaves and fragrant yellow blooms in early summer. Exfoliating bark. (1,4,7,10,11)

**Maackia amurensis**

**Amur maackia**

- **Zone:** 4
- **Height:** 20-30’
- **Spread:** 25-35’
- **Shape:** Rounded
- **Foliage:** Dark olive green
- **Fall color:** Yellow

White flowers bloom mid-summer. Amber to copper colored bark. Adaptable to a range of soils. (1,5,6,7,10,11)
A NOTE ON MAPLES: In North Dakota, maples are often subject to iron and manganese chlorosis on high pH (alkaline) soils, which may cause dieback or death. Maples with iron and manganese chlorosis will exhibit yellow leaves with bright green veins. If there are maples in your community that have leaves that exhibit those symptoms, choose alternative trees.

For more information on iron chlorosis in trees, please visit: [https://www.ag.ndsu.edu/publications/lawns-gardens-trees/iron-chlorosis-in-trees](https://www.ag.ndsu.edu/publications/lawns-gardens-trees/iron-chlorosis-in-trees)

**Acer x freemanii ‘AF #1’ PP15,593**

**Firefall maple**

- **Zone:** 4
- **Height:** 40-60’
- **Spread:** 30-40’
- **Shape:** Upright, oval
- **Foliage:** Medium green
- **Fall color:** Orange to scarlet

Seedless selection with good branch angles. Exceptional cold hardiness, fast growing. (7,10,11)

**Acer ginnala ‘Jefum’**

**Royal Crown® amur maple**

- **Zone:** 2
- **Height:** 10-20’
- **Spread:** 10-20’
- **Shape:** Round, upright
- **Foliage:** Green
- **Fall color:** Red to deep purple

Multi-stemmed. Tolerant of alkaline soils. (10)

**Acer miyabei ‘Morton’**

**State Street maple**

- **Zone:** 4
- **Height:** 50’
- **Spread:** 35’
- **Shape:** Upright oval
- **Foliage:** Dark green
- **Fall color:** Yellow

Excellent drought and cold tolerance. (7,10,11)

**Acer tataricum ‘GarAnn’ PP15,023**

**Hot Wings maple**

- **Zone:** 3
- **Height:** 20-25’
- **Spread:** 18-20’
- **Shape:** Upright, spreading
- **Foliage:** Dark green
- **Fall color:** Yellow to red

Bright red samaras. Tolerant of alkalinity and dry conditions. (1,5,7,11)
A NOTE ON OAKS: There are two groups of oak- white oak and red oak. The red oak group largely has poor adaptability to environmental conditions in North Dakota. The white oak group has much greater resistance to oak wilt than the red oak group. Oak wilt is currently NOT found in North Dakota. All of the trees listed below are in the white oak group. For more information on oak wilt, please visit: [https://www.ndinvasives.org/oak-wilt](https://www.ndinvasives.org/oak-wilt)

**Quercus macrocarpa**

*Bur oak*

Zone: 3  
Height: 60-80’  
Spread: 40’  
Shape: Rounded, open  
Foliage: Dark green  
**Fall color:** Yellow-brown to purple

Drought tolerant native oak of the white oak family. Tolerates a wide range of soil types and air pollutants. Attractive corky bark. (1,4,6,7,9,10,11)

**Quercus macrocarpa ‘JFS-KW14’**

*Cobblestone oak*

Zone: 3  
Height: 55’  
Spread: 25-30’  
Shape: Narrow, upright  
Foliage: Glossy, dark green  
**Fall color:** Orange-yellow

Unusually corky branches. (1,6,11)

**Quercus macrocarpa ‘JFS-KW3’**

*Urban Pinnacle oak*

PP22815  
Zone: 3  
Height: 55’  
Spread: 25-30’  
Shape: Narrow, upright  
Foliage: Glossy, dark green  
**Fall color:** Orange-yellow

Lobed, dark green glossy foliage. Heat and drought tolerant. (1,6,10,11)

**Quercus x bimundorum ‘Midwest’**

*Prairie Stature oak*

Zone: 3  
Height: 30-40’  
Spread: 25-30’  
Shape: Pyramidal  
Foliage: Glossy, dark green  
**Fall color:** Reddish-purple

Outstanding NDSU selection. Prefers a moist, well-drained site. Excellent boulevard, feature, or park tree. (1,6,7,10,11,12)

**Quercus x warei ‘Long’**

*Regal Prince oak*

Zone: 4  
Height: 40’  
Spread: 20-25’  
Shape: Upright oval  
Foliage: Dark green  
**Fall color:** Yellow-brown

Grows faster than other oak, becoming oval with age. Tolerates wet or dry soil conditions. (6,7,10,11)
SERVICEBERRY

*Amelanchier x grandiflora*  
‘Autumn Brilliance’

**Autumn Brilliance serviceberry**

- **Zone:** 3
- **Height:** 20-25’
- **Spread:** 15’
- **Shape:** Rounded
- **Foliage:** Small, blue-green
- **Fall color:** Red-orange

White blossoms in spring, followed by sweet purplish-black fruit. Fall leaves are quite persistent. (1,4,5,7,11)

WALNUT

*Juglans nigra*  
Black walnut

- **Zone:** 4
- **Height:** 35-60’
- **Spread:** 30-50’
- **Shape:** Oval to rounded
- **Foliage:** Green
- **Fall color:** Yellow

Prefs moist, well drained soils. Fruit is a drupe bearing a nut. Good for wildlife. (1,4,6,7,9,11)

WILLOW

*Salix pentandra*  
‘Silver Lake’

**Prairie Reflection laurel willow**

- **Zone:** 2
- **Height:** 35-40’
- **Spread:** 25’
- **Shape:** Rounded
- **Foliage:** Shiny, dark green
- **Fall color:** Golden yellow

NDSU selection, Grows rapidly. Dark green highly glossy foliage. (1,7,12)
# FAMILY LIST

A Family is a single group of genera that closely or uniformly resemble each other in general appearance and technical character.

<table>
<thead>
<tr>
<th>Family Name</th>
<th>Example 1</th>
<th>Example 2</th>
<th>Example 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Betulaceae (Birch)</td>
<td>Alder</td>
<td>Birch</td>
<td>Ironwood</td>
</tr>
<tr>
<td></td>
<td>eg: Prairie Horizon</td>
<td>eg: Dakota Pinnacle</td>
<td></td>
</tr>
<tr>
<td>Bignoniaceae (Catalpa)</td>
<td>Northern catalpa</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cannabaceae (Hemp)</td>
<td>Hackberry</td>
<td></td>
<td></td>
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<tr>
<td>Cercidiphyllaceae</td>
<td>Katsura</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fabaceae (Bean/Pea/Legume)</td>
<td>Honeylocust</td>
<td>eg: Northern Acclaim</td>
<td>eg: Espresso</td>
</tr>
<tr>
<td></td>
<td>Kentucky coffeetree</td>
<td>eg: Espresso</td>
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</tr>
<tr>
<td></td>
<td>Maackia</td>
<td>eg: Amur</td>
<td></td>
</tr>
<tr>
<td>Fagaceae (Oak)</td>
<td>Oak</td>
<td>eg: Bur</td>
<td></td>
</tr>
<tr>
<td>Ginkgoaceae (Ginkgo)</td>
<td>Ginkgo</td>
<td>eg: Autumn Gold</td>
<td></td>
</tr>
<tr>
<td>Juglandaceae (Walnut)</td>
<td>Black walnut</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Malvaceae (Mallows)</td>
<td>Linden/Basswood</td>
<td>eg: American</td>
<td></td>
</tr>
<tr>
<td>Oleaceae (Olive)</td>
<td>Japanese tree lilac</td>
<td>eg: Ivory Silk</td>
<td></td>
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<tr>
<td>Roseaceae (Rose)</td>
<td>Chokecherry</td>
<td>eg: Amur</td>
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<tr>
<td></td>
<td>Crabapple</td>
<td>eg: Dolgo</td>
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<tr>
<td></td>
<td>Hawthorn</td>
<td>eg: Snowbird</td>
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<tr>
<td></td>
<td>Serviceberry</td>
<td>eg: Autumn Brilliance</td>
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<tr>
<td>Rutaceae (Rue/Citrus)</td>
<td>Cork tree</td>
<td>eg: His Majesty</td>
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<tr>
<td>Salicaceae (Willow)</td>
<td>Willow</td>
<td>eg: Prairie Reflection</td>
<td></td>
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<tr>
<td>Sapindaceae (Soapberry)</td>
<td>Buckeye</td>
<td>eg: Autumn Splendor</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maple</td>
<td>eg: Firefall</td>
<td></td>
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<tr>
<td>Ulmaceae (Elm)</td>
<td>Elm</td>
<td>eg: Prairie Expedition</td>
<td></td>
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</tbody>
</table>
REFERENCES:

1. Landscape & Boulevard Trees for North Dakota– Greg Morgenson NDSU 2012
2. Elm Trees-Dutch Elm Disease Resistant Varieties– U of MN Extension 2019
3. Choice Flowering Crabapple Cultivars for the Northern Plains– Herman, Chaput, West. NDSU 2011
4. North Dakota Tree Selector
5. Small Ornamental Trees for North Dakota Landscapes– Greg Morgenson NDSU 2018
6. Tough Trees for North Dakota Landscapes– Todd West NDSU 2018
7. Bailey 2020 Plant Catalog
8. Elms for North Dakota– NDSU Extension (F1893) October 2018
9. ND Tree Handbook
10. Ash Replacement Trees– Todd West NDSU 2019
11. J. Frank Schmidt & Son Co. Reference Guide
12. NDSU Plant Sciences-Woody Plant Introductions
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