**FAMILY: JUGLANDACEAE**

**BLACK WALNUT** (Juglans nigra)

- Fruit: 1.5" – 2" nut
- Growth Rate: Fast
- Shape: Oval
- Width: 40'
- Salt Tolerance: Poor
- Exposure: Full sun


**SHAGBARK HICKORY** (Carya ovata)

- Fruit: 1.5" nut
- Growth Rate: Slow
- Shape: Oval
- Width: 30'
- Salt Tolerance: Fair
- Exposure: Partial shade to full sun


**FAMILY: ROSACEAE**

**BLACK CHERRY** (Prunus serotina)

- Fruit: 1/3" drupe
- Shape: Oval
- Width: 30'
- Salt Tolerance: Good
- Exposure: Partial shade

Adapted to South Dakota. Hardy tree with picturesque form. Fruit presents little problem.

**AMUR CORKTREE** (Phellodendron amurense)

- Fruit: Seedless on many cultivars
- Growth Rate: Medium
- Shape: Vase
- Width: 45'
- Salt Tolerance: Good
- Exposure: Full sun

Native to Asia this tree is adapted to Sioux Falls. Drought tolerant, rugged beauty with wide spreading habit. Recommended cultivars: ‘His Majesty’, ‘Maché’, and ‘Shademaster’. (1)

**FAMILY: TILIACEAE**

**AMERICAN LINDEN** (Tilia americana)

- Fruit: 1/3 inch nut-like drupe
- Growth Rate: Medium
- Shape: Pyramidal
- Width: 30'
- Salt Tolerance: Poor
- Exposure: Full sun

Native to Eastern South Dakota this tree has fragrant flowers in the spring. Recommended cultivars: ‘Redmond’, ‘Bailyard’, ‘Dukota’, and ‘Glenlevens’. (1) and (2)

**LITTLE LEAF LINDEN** (Tilia cordata)

- Fruit: 1/3 inch nut-like drupe
- Growth Rate: Medium
- Shape: Pyramidal
- Width: 25'
- Salt Tolerance: Poor
- Exposure: Full sun

Native to Europe this tree has fragrant flowers. Cultivars selected for size and shape. Recommended cultivars: ‘Bailynii’, ‘Greenrose’, ‘June Bride’, and ‘Norin’. (1) and (2)

**SILVER LINDEN** (Tilia tomentosa)

- Fruit: 1/3 inch nutlet
- Growth Rate: Medium
- Shape: Pyramidal
- Width: 45'
- Salt Tolerance: Good
- Exposure: Partial shade to full sun

Native to Eurasia this tree is adapted to Sioux Falls. This tree tolerates heat and drought better than other lindens. Recommended cultivars: ‘Green Mountain’ and ‘Sterling’. (2)

**FAMILY: ULMACEAE**

**COMMON HACKBERRY** (Celtis occidentalis)

- Fruit: 1/3 inch drupe
- Growth Rate: Medium
- Shape: Vase
- Width: 25'
- Salt Tolerance: Poor
- Exposure: Full sun

Native to South Dakota this tree is adaptable to a broad range of soil conditions. Tolerates drought and hot summer winds. Wood is very strong. Recommended cultivar: ‘Prairie Pride’. (1)

**ELM HYBRIDS** (Ulmus japonica x wilsoniana)

- Fruit: 1/2 inch disc-shaped samara
- Growth Rate: Fast
- Shape: Vase
- Width: 50'
- Salt Tolerance: Fair to good
- Exposure: Full sun

Asian cross that is adapted to Sioux Falls. American elm-like with good Dutch elm disease resistance. Recommended cultivars: Accolade (‘Morton’) and Banana Charm (‘Morton Red Tip’). (1)

**JAPANESE ELM** (Ulmus japonica)

- Fruit: 1/2 inch disc-shaped samara
- Growth Rate: Fast
- Shape: Vase
- Width: 60'
- Salt Tolerance: Fair to good
- Exposure: Full sun

Native to Japan and Asia this tree is adapted to Sioux Falls. The tree is Dutch elm disease resistant with a wide spreading crown. Recommended cultivar: ‘Discovery’. (1)

**WILSON ELM** (Ulmus wilsoniana)

- Fruit: Single samara
- Growth Rate: Fast
- Shape: Vase
- Width: 25'
- Salt Tolerance: Fair
- Exposure: Partial shade to full sun

Native to Asia, this tree is adapted to Sioux Falls. Recommended cultivar: ‘Prospector’. (1)

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Approved Street Trees

**FAMILY: BETULACEAE**

**NORTHERN CATALPA** *(Catalpa speciosa)*

- **Fruit**: Long bean-like pods
- **Height**: >40'
- **Width**: >40'
- **Salt Tolerance**: Poor
- **Moisture**: Dry to moist
- **Exposure**: Full sun

Native to South Dakota. This tree tolerates heavy clay soils, wet sites, droughty sites, and alkaline conditions. Recommended cultivars: 'Skyline', 'Shademaster', and 'Northern Acclimat.'

**FAMILY: BIGNONIACEAE**

**NORTHERN CATALPA** *(Catalpa speciosa)*

- **Fruit**: Seedless on many cultivars
- **Height**: >40'
- **Width**: >40'
- **Salt Tolerance**: Good
- **Moisture**: Dry to wet
- **Exposure**: Full sun

Native to South Dakota. This tree is adaptable to different soil conditions. Grass grows well under shade of this tree. Recommended cultivars: 'Skyline', 'Shademaster', and 'Northern Acclimat.'

**FAMILY: FAGACEAE**

**BUR OAK** *(Quercus macrocarpa)*

- **Height**: >40'
- **Shape**: Round
- **Lifespan**: Long
- **Exposure**: Full sun

Native to South Dakota, this tree tolerates heavy clay soils, wet sites, droughty sites, and alkaline conditions. Recommended cultivars: 'Autumn Gold', and 'Magar.' Specify male trees because of noxious fruit smell. Virtually free of disease and pest problems. Recommended cultivars: 'Autumn Gold' and 'Magar.'

**NORTHERN RED OAK** *(Quercus rubra)*

- **Height**: >40'
- **Shape**: Round
- **Lifespan**: Long
- **Exposure**: Partial shade to full sun

This tree is just outside its native range but adapted to Sioux Falls. (1)

**SWAMP WHITE OAK** *(Quercus bicolor)*

- **Height**: >40'
- **Shape**: Round
- **Lifespan**: Long
- **Exposure**: Full sun

Outside of its native range this tree is adapted to Sioux Falls. Excellent in both wet and upland soils. (2)

**FAMILY: GINKGOACEAE**

**GINKGO** *(Ginkgo biloba)*

- **Height**: >40'
- **Shape**: Pyramid
- **Lifespan**: Long
- **Exposure**: Partial shade to full sun

Native to Asia this tree is adapted to Sioux Falls. Tolerates drought. Specify male trees because of noxious fruit smell. Virtually free of disease and pest problems. Recommended cultivars: 'Autumn Gold' and 'Magar.'

**FAMILY: HIPPOCASTANEA**

**OHIO BUCKEYE** *(Aesculus glabra)*

- **Height**: 30'
- **Shape**: Round
- **Lifespan**: Fair
- **Exposure**: Full sun

Adapted to South Dakota. First to put leaves on and first to lose leaves. Recommended cultivars: 'Autumn Splendor' and 'Homestead.'

**NORTHERN PIN OAK** *(Quercus ellipsoidalis)*

- **Height**: >40'
- **Shape**: Round
- **Lifespan**: Long
- **Exposure**: Partial shade

Northern Pin Oak (Quercus ellipsoidalis) tolerates neutral pH better than Pin Oak (Quercus palustris), which is not a recommended species for this area. Recommended cultivar of Northern Pin Oak: 'Majestic Skies.'

**KEY**

- (1) Recommended for areas with modified soils or newer developments with healthy soil less than 8 inches deep.
- (2) Trees require a minimum parking strip width of 7 feet.
- Trees in this guide may not be approved for permit for some locations due to tree species diversity concerns.