

### Suggested Shade Tree Species for Northfield Yards and Parkway

| Species Name            | Common Name            | Height at Maturity | Use     |      | Notes                                                                       |
|-------------------------|------------------------|--------------------|---------|------|-----------------------------------------------------------------------------|
|                         |                        |                    | Parkway | Yard |                                                                             |
| Abies concolor          | Concolor fir           | 30-50'             |         | X    | Full sun, slow-growing, drought resistant                                   |
| Acer saccharinum        | Silver maple           | 50'                |         | X    |                                                                             |
| Acer saccharum          | Sugar maple            | 50'                |         | X    | Many varieties available                                                    |
| Amelanchier sp.         | Serviceberry           | 5-25'              |         | X    | Single stem or clump; early flower, good berries                            |
| Betula nigra            | River birch            | 45-50'             | X       | X    |                                                                             |
| Carpinus caroliniana    | Blue beech             | 20-35'             |         | X    |                                                                             |
| Carya ovata             | Shagbark hickory       | 70-80'             |         | X    | Large tree, produces nuts, wildlife value                                   |
| Celtis occidentalis     | Hackberry              | 50-60'             |         | X    |                                                                             |
| Crataegus spp.          | Hawthorn               | 25-35'             |         | X    | Several varieties; wind-tolerant, wildlife value                            |
| Ginkgo biloba           | Ginkgo                 | 50-80'             | X       | X    | Columnar variety good for parkways; unique leaf                             |
| Gleditsia triacanthos   | Honeylocust            |                    |         | X    |                                                                             |
| Gymnocladus dioica      | Kentucky coffee tree   | 65-70'             |         | X    | "ugly duckling" young tree becomes beautiful shade tree; produces seed pods |
| Juglans nigra           | Black walnut           | 65-70'             |         | X    | Produces nuts; can suppress nearby vegetation                               |
| Liriodendron tulipifera | Tuliptree/Tulip Poplar | 60-90'             |         | X    | Climate-forward tree; fast-growing; unique leaf and flower                  |
| Magnolia stellata       | Star magnolia          | 15'-20'            | X       | X    |                                                                             |
| Ostrya virginiana       | Ironwood               | 25-40'             |         | X    | Great small yard tree, shade tolerant                                       |
| Pinus ponderosa         | Ponderosa Pine         | 60-125'            |         |      | Big tree for large yard or city parks only; climate tree                    |
| Pinus strobus           | White Pine             | 70-80'             |         | X    | Needs room (to 40' spread); wildlife tree                                   |
| Pinus resinosa          | Red Pine               |                    |         | X    | MN State Tree                                                               |
| Populus deltoides       | Cottonwood             | 80-100'            |         |      | For large yard or city use in parks                                         |
| Quercus bicolor         | Swamp White Oak        | 50-60'             | X       | X    | Full sun; tolerates drought                                                 |
| Quercus ellipsoidalis   | Northern Pin Oak       | 50-70'             |         | X    | Tolerates drought; intolerant of salt                                       |
| Quercus macrocarpa      | Bur Oak                | 60-80'             |         | X    | Can spread to 80' at maturity; wildlife value                               |
| Quercus rubra           | Northern Red Oak       | 50-70'             |         | X    | Fast-growing; tolerates dry or clay soils                                   |
| Quercus velutina        | Black Oak              | 50-60'             | X       | X    |                                                                             |
| Salix spp.              | Willows                | 60-80'             |         | X    | Several species, fast growers; moist soils                                  |
| Tilia americana         | Linden/Basswood        | 60-100'            | X       | X    | Attracts pollinators; good parkway tree                                     |
| Ulmus americana         | American elm           | 60-90'             | X       | X    | Many DED-resistant varieties available                                      |
|                         |                        |                    |         |      |                                                                             |