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| Name                             | Anoka Native | Form        | Growth Rate | Height  | Shade Tolerance     | Moisture               | Drought    | Soils              | Ecosystem                  | Wildlife Food & Cover  | Flowers/Bloom Time                                       | Fruit   | Comments  |
|----------------------------------|--------------|-------------|-------------|---------|---------------------|------------------------|------------|--------------------|----------------------------|--|--|---|---|
| <b>DRY FOREST</b>                |              |             |             |         |                     |                        |            |                    |                            |  |  |   |   |
| Mixed Oak                        | Y            | Tree        | Slow-Fast   | 60-80'  | Intolerant-Moderate | Moist-Dry              | Tolerant   | Sand/Variety       | OS, DOF, WPH, LH, MOF, MBF | Excellent food-acorn, insects, browse, buds Excellent cover-nesting, perching, escape, dens, cavities        | Inconspicuous  | Acorns late summer                                    | Tolerant of city living, yellow-brown fall color, don't prune April-Aug due to oak wilt           |
| Black Cherry                     | Y            | Tree        | Moderate    | 40-60'  | Tolerant            | Moist-Dry              | Moderate   | Variety            | DOF, MOF, MBF              | Excellent food-fruits, buds, insects, bark, twigs Excellent cover-perching, nesting, cavities                | White 1/3" across, spring                                | Edible red-black drupe, Aug-Sept                      | Fruits may be used for jelly and wine   |
| Common Chokecherry               | Y            | Small Tree  | Fast        | 20-30'  | Tolerant            | Moist-Dry Well Drained | Tolerant   | Variety            | OS, DOF, MOF               | Excellent food-nectar, insects, fruits, buds, twigs, foliage Good cover-nesting, perching, and loafing       | White, fragrant, spring                                  | Dark purple drupe, tart, edible, July-Aug             | Fruits may be used for jams and jellies   |
| Juneberry (Serviceberry)         | Y            | Shrub       | Moderate    | 8-15'   | Moderate            | Moist-Dry Well Drained | Moderate   | Variety            | DOF, MOF                   | Very good food-nectar, insects, fruits, buds, twigs Good cover-nesting, perching, escape cover               | White, fragrant, spring                                  | Dark purple drupe, tart, edible, July-Aug             | Fruits juicy and delicious, spreads to form thickets  |
| Hazelnut (American Filbert)      | Y            | Shrub       | Moderate    | 6-15'   | Moderate            | Moist-Dry              | Tolerant   | Variety            | DOF, MOF, LH               | Good food-nut, browse for rabbit, deer Good cover-nesting, escape  | White, inconspicuous                                     | Acorn-like nut, late summer                           | Nut has high nutritional value  |
| Sandcherry                       | Y            | Small Shrub | Fast        | 4-6'    | Intolerant          | Moist-Dry              | Tolerant   | Variety            | DOF, MOF                   | Excellent food-fruits, buds, insects, twigs, foliage Good cover-nesting, perching, and loafing               | White, fragrant, spring                                  | Dar purple drupe, edible, July-Aug                    | Outstanding red foliage, showy flowers, stunning fruit.   |
| <b>MESIC (MOIST) FOREST</b>      |              |             |             |         |                     |                        |            |                    |                            |  |  |   |   |
| White Pine                       | Y            | Tree        | Fast        | 80-100' | Moderate            | Moist-Well Drained     | Intolerant | Loam/Variety       | WPH, MOF                   | Good food-seeds, buds Good cover-winter cover, summer nesting and perching                                   | NA   | Cones   | Tallest MN pine, preferred eagle nesting  |
| Hackberry                        | Y            | Tree        | Mod-Fast    | 50-75'  | Tolerant            | Wet-Dry                | Tolerant   | Loam/Variety       | FF                         | Fair food-berries, twigs, buds Good cover-nesting, perching, cavities  | Yellow-green pendulous cluster, spring                   | Fleshy purple-brown berry with hard center, late fall | Large wide tree with unusual warty/corky bark, yellow fall color                                  |
| Sugar Maple                      | Y            | Tree        | Moderate    | 60-80'  | Very Tolerant       | Moist-Well Drained     | Moderate   | Loam               | MBF, LH                    | Fair food-seeds, buds, twigs, browse Excellent cover-nesting, perching, feeding, snags, cavities             | Inconspicuous  | Small "helicopter" seed with bract                    | Spectacular yellow fall color, strong branches "hard maple", sap used for maple syrup             |
| Red Maple                        | Y            | Tree        | Mod-Fast    | 40-60'  | Moderate            | Moist-Moderate Drained | Intolerant | Variety            | DOF, MOF, WPH, LH, HS, AS  | Fair food-seeds, buds, twigs Excellent cover-nesting, perching, feeding, den for cavity users                | Inconspicuous  | Small "helicopter" seed with bract                    | Spectacular red fall color  |
| Balsam Fir                       | N            | Tree        | Slow        | 40-60'  | Moderate            | Moist-Well Drained     | Tolerant   | Loam/Sand          | NA                         | Excellent Cover Nesting  | NA   | Cones   | Commonly used as a Christmas tree. Very symmetrical   |
| Paper Birch                      | Y            | Tree        | Mod-Fast    | 40-70'  | Intolerant          | Moist-Well Drained     | Intolerant | Sandy Loam/Variety | MOF, WPH, HS, TS, AS, WS   | Fair food-browse for deer and moose, insects, seeds, buds Good cover- perching, nesting                      | Yellow-green clusters                                    | Cone-like green-brown                                 | Vibrant white exfoliating bark  |
| Arrowwood                        | Y            | Shrub       | Moderate    | 7-10'   | Tolerant            | Moist-Well Drained     | Tolerant   | Variety            | MOF, HS, FF                | Excellent Food-berries, larval. Good cover-nesting.  | White flower clusters-late-spring                        | Purple drupe - fall                                   | Lustrous dark green leaves in summer changing to glossy red in fall                               |
| Elderberry                       | Y            | Shrub       | Fast        | 6-12'   | Tolerant            | Moist-Dry              | Tolerant   | Variety            | MOF, FF, HS                | Excellent food-berries songbirds. Fair cover-nesting   | White flat top flower clusters-summer                    | Purple drupe - late summer                            | Fruits used for jams & jellies. Beautiful flowers. fibrous roots good for riverbank stabilization |
| Common Ninebark                  | Y            | Shrub       | Moderate    | 5-9'    | Moderate            | Moist-Well Drained     | Intolerant | Variety            | MOF, LH                    | Good food-great nectar source, fruits eaten by several species of birds Good cover-nesting, escape, perching | White, Umbrella-like clusters, spring                    | Russet pod, dense clusters late fall                  | Golden yellow fall color, attractive fall papery layered bark                                     |
| <b>SHORELAND &amp; WETLAND</b>   |              |             |             |         |                     |                        |            |                    |                            |  |  |   |   |
| River Birch                      | Y            | Tree        | Mod-Fast    | 40-60'  | Intolerant          | Well Drained           | Intolerant | Variety            | LH, HS, FF                 | Fair cover-nesting, perching   | Small catkins, spring                                    | Small papery nutlet                                   | Resistant to bronze birch borer, underside of peeling shaggy bark is salmon colored               |
| White Cedar Transplants          | Y            | Tree        | Moderate    | 40-50'  | Tolerant            | Moist-Well Drained     | Tolerant   | Variety            | WCS                        | Good food-winter forage for deer Good cover winter cover, summer nesting, escape, feeding                    | NA   | Cones   | Aromatic, deer favorite   |
| Nannyberry                       | Y            | Large Shrub | Slow        | 15-18'  | Tolerant            | Moist-Well Drained     | Intolerant | Variety            | MOF                        | Good food-buds, twigs Good cover-nesting, escape, perching   | White clusters, spring                                   | Red to bluish-black edible berry                      | Berries persist through winter on red stems, nice fall color                                      |
| Highbush Cranberry               | Y            | Shrub       | Moderate    | 10-15'  | Moderate            | Moist-Well Drained     | Intolerant | Loam/Variety       | MOF, LH, HS, TS            | Excellent food-nectar, fruit, browse Fair cover-nesting, escape, perching                                    | White, early May   | Drupe, edible oval red berry                          | Highly recommended by DNR, holds fruit all winter   |
| False Indigo                     | Y            | Shrub       | Moderate    | 5-20'   | Intolerant          | Moist-Dry              | Moderate   | Sand               | LH, HS                     | Fair food-browse Fair cover-escape, perching   | Deep purple spike, May-June                              | Small pods, Aug                                       | Good for poor soil, used for shoreline and riverbank stabilization                                |
| Red-osier Dogwood                | Y            | Shrub       | Fast        | 5-10'   | Moderate            | Wet-Moist Well Drained | Intolerant | Loam/Organic       | TS, AS, WS, WP, WM         | Good food-berries, nectar, insects, buds, twigs Fair cover-nesting, escape                                   | White clusters, May-Aug                                  | White berry, July-Oct                                 | Red twigs and branches for winter interest  |
| Black Chokeberry                 | Y            | Small Shrub | Moderate    | 4-6'    | Moderate            | Moist-Dry              | Tolerant   | Variety            | WS, LH                     | Good food-berries Fair cover-escape  | White, fragrant spring                                   | Purple/black berries                                  | Brilliant red fall foliage, berries hold into winter  |
| <b>WINDBREAKS &amp; WILDLIFE</b> |              |             |             |         |                     |                        |            |                    |                            |  |  |   |   |
| Norway Pine                      | N            | Tree        | Mod-Fast    | 60-80'  | Intolerant          | Moist-Dry              | Tolerant   | Sand               | NA                         | Fair food-seeds, buds Good cover-winter cover, summer nesting, perching                                      | NA   | Cones   | MN State Tree   |
| Norway Spruce                    | N            | Tree        | Fast        | 40-60"  | Moderate            | Moist-Well Drained     | Tolerant   | Variety            | NA                         | Good Food-buds, Good winter –cover, summer nesting, escape   | NA   | Cones   | Fastest growing of the spruces, symmetrical   |
| White Spruce                     | N            | Tree        | Mod-Fast    | 40-60'  | Moderate            | Moist-Well Drained     | Moderate   | Variety            | NA                         | Good Food-buds, Good winter –cover, summer nesting, escape   | NA   | Cones   | Blue-green color, symmetrical   |
| Red Splendor Crab                | N            | Small Tree  | Mod-Fast    | 20-30"  | Intolerant          | Moist-Dry Well Drained | Moderate   | Variety            | NA                         | Excellent food- insects, nectar, buds, songbirds, browse Good cover-nesting, perching                        | Showy pink, spring                                       | Small edible tart, fall                               | Tree holds apples providing winter providing winter food supply                                   |
| Wild Plum                        | N            | Small Tree  | Fast        | 20-25'  | Intolerant          | Moist-Dry Well Drained | Tolerant   | Loam/ Sand         | NA                         | Very good food-fruit, insects, buds, nectar, browse songbirds, Good cover-nesting perching                   | Showy fragrant white, spring                             | Large edible drupe, Aug - Sept                        | Popular shrub for clustered plantings in open areas   |
| Mixed Lilac (early & late bloom) | N            | Large Shrub | Moderate    | 12-20'  | Intolerant          | Well Drained           | Tolerant   | Variety            | NA                         | Poor food-nectar Fair cover-nesting, perching, escape  | Fragrant lavender or white clusters, early & late spring | Cluster of woody capsules, flat tan seed              | Plant in breezy area to reduce powdery mildew   |
| Golden Currant                   | N            | Small Shrub | Moderate    | 3-5'    | Moderate            | Moist - Dry            | Tolerant   | Variety            | NA                         | Excellent food-berries and flowers, Good cover-escape  | Yellow, April - May                                      | Yellow, red or purple berries when ripe               | Fruits may be used for jams and jellies, humming birds attracted to the flowers                   |

**Ecosystem:** OS=Oak Savanna, DOF=Dry Oak Forest, MOF=Mesic (Moist) Oak Forest, MBF=Maple Basswood Forest, WPH=White Pine Hardwood Forest, LH=Lowland Hardwood Forest, FF=Floodplain Forest, HS=Hardwood Swamp, TS=Tamarack Swamp, WCS=White Cedar Swamp, AS=Alder Swamp, WS=Willow Swamp, WP=Wet Prairie, WM=Wet Meadow

**Native Prairie Seed Mixes** include grasses and wildflowers that are more resistant to drought, flood and pests; attract more wildlife; involve less maintenance; and provide beautiful displays of flowers, foliage and fall color. All of our prairie mixes include a package of oats to be used as a cover crop. If mowed before going to seed each of the first three years, they will disappear from your planting as the native plants take hold. Each seed mix is sufficient to cover 545 square feet. **We recommend establishing the grasses before planting wildflowers.** Site preparation is important so visit our website at <http://www.Anokaswcd.org>.

**Dry Mixed Height Prairie Seed** - This seed mix is perfect for dry sandy locations. Once it's established, it never needs water. The dry prairie grasses (short) mix includes and (tall) mix includes seven-plus grasses each. The dry prairie wildflower mix includes twenty-plus wildflowers

**Water's Edge Seed** - This seed mix is ideal for moist to wet areas. The water's edge wildflower mix includes twenty-plus wildflowers

**Tree Aids**

**Moisture Retention Root Gel** - Provided as a powder, when mixed with water this super absorbent material forms a gel. Dip the seedling roots before planting to ensure that water in the root zone is held in place to be released on demand. This helps to reduce the planting shock and is very beneficial in our dry, well-drained sandy soils. One bag treats 50 seedlings.

**Time Release Fertilizer** - Provided as granules, it lasts up to twelve months by slowly dissolving. Specially formulated for bare root seedlings, this fertilizer provides continuous nutrients when placed in the hole at the time of planting. This helps reduce the need for watering while producing a quicker, healthier landscape.