

2018 MORRISON SWCD TREE & SHRUB DESCRIPTIONS

| | <u>HEIGHT/ SPREAD</u> | <u>GROWTH RATE / FORM</u> | <u>NOTES</u> |
|--|----------------------------|---|--|
| TALL TREES Deciduous | | | |
| <u>BASSWOOD</u> (American Linden) | 100' / 40' - 75' | Medium - Fast / Large Rounded Crown | Heart-shaped leaves. Good shade tree. Generally free of insect or disease problems. Fragrant flowers. |
| <u>BIRCH, PAPER</u> | 50' - 70' / 25' - 50' | Medium / Rounded | "White Birch or Canoe Birch" Grows best in moist wooded slopes and along streams. Most often used for ornamental. |
| <u>BUCKEYE, OHIO</u> | 30' - 50' / 30' | Medium / Rounded | Nut Tree. Produces non-edible nuts. Orange to red fall color. One of the first trees to leaf out in spring. |
| <u>HACKBERRY</u> | 50' - 75' / 35' - 50' | Fast / Upright | Drought tolerant, shade tree. Grows best on fertile soils. Small purple berries. Rough, corky bark. No significant fall color. |
| <u>MAPLE, AUTUMN BLAZE</u> | 50' - 60' / 30' - 40' | Fast / Dense Oval | {Acer X Freemanii} Yellow or Chartreuse flower clusters in Early Spring. Striking Orange/Red fall color. |
| <u>MAPLE, RED</u> {Rubrum} | 50' - 70' / 35' - 40' | Medium - Fast / Rounded | {Acer Rubrum} Small Red flowers in spring, brilliant Red fall color. Tolerates most soils. Great for wildlife. |
| <u>MAPLE, RED SUNSET</u> | 50' - 60' / 30' - 40' | Medium / Upright / Dense | {Acer Rubrum} One of the highest rated trees in the Ohio Shade Tree Evaluation Tests. Retains fall color longer than most varieties. |
| <u>MAPLE, SCARLET JEWELL</u> | 50' - 70' / 23' - 30' | Medium / Full / Upright | {Acer Rubrum} First Edition. Brilliant show of Red flowers each Spring. Deep Crimson in Fall. Full to Partial Sun. |
| <u>MAPLE, SILVER</u> | 60' - 80' / 40' - 50' | Rapid / Rounded | {Acer Saccharinum} Silver green foliage turns yellow in fall. Wide range of soil tolerance. Likes full sun. |
| <u>MAPLE, SUGAR</u> | 50' - 75' / 50' - 50' | Slow - Medium / Upright | {Acer Saccharum} Native Tree. Dark green foliage turning deep yellow to orange in fall. Thrives in moist soils. Very shade tolerant. |
| <u>MAPLE, SUGAR</u> (FALL FIESTA) | 50' - 75' / 50' - 50' | Slow - Medium / Upright | {Acer Saccharum} Dark Green foliage turning deep Yellow to Orange in fall. Source for Maple Syrup. |
| <u>OAK, RED</u> | 60' - 80' / 40' - 50' | Medium / Rounded | Massive, long-lived. Tolerates most soils. Lumber high value. Great for wildlife. Moderate shade tolerance. |
| <u>OAK, SWAMP WHITE</u> | 60' - 70' / 25' - 50' | Medium / Oval to Rounded | Tolerates heavy, wetter soils. Fall color is yellowish tan to orange brown. Good transplant success. |
| <u>OAK, WHITE</u> | 75' - 100' / 75' - 100' | Slow - Moderate / Rounded | Short-trunk, low branching tree. Grows in a wide variety of soils, but prefers upland loom soils. |
| <u>POPLAR, SIOUXLAND</u> {Hybrid} | 40' - 60' / 20' - 35' | Fast / Pyramidal Shape | A cotton less cottonwood. Likes full sun. A seedless hybrid. Good for roadside, windbreaks & riparian planting. Requires moist soil, but can tolerate dry soil. |
| <u>WALNUT, BLACK</u> | 75' - 100' / 75' - 100' | Moderate / Broad Crown | Nut Tree. Prefers deep, rich soil & plenty of space. Dark green leaves. Valued timber tree. Due to taproot, start w/small trees or nut. |
| SHORT TREES Deciduous | | | |
| <u>ASH, MOUNTAIN</u> | 20' - 30' / 20' - 25' | Slow - Medium / Rounded, Narrow | White flowers produce orange berries in the fall. Likes sun & good drainage. Birds like the fruit after it's been frozen. |
| <u>CHOKECHERRY</u> | 20' - 25' / 10' - 20' | Fast / Rounded | White flowers produce red to purple fruit. Drought & heat tolerant. Birds love it! Tree or Shrub. |
| <u>CRABAPPLE, CHESTNUT</u> | 12' - 15' / 12' - 15' | Rapid / Rounded | Edible small 2" fruit. Harvest Mid-Late August. Red over Orange/Yellow. Sweet, rich & pleasant nut-like flavor. Very cold hardy. An excellent pollinator for other apples. |
| <u>CRABAPPLE, DOLGO</u> | 35' - 40' / 25' - 30' | Vigorous / Wide-Spread | White flowers. Very fragrant. Red, edible, 1.5" fruit, mid to late August. Attracts butterflies & birds. Very cold hardy. |
| <u>CRABAPPLE, PRAIRIE FIRE</u> | 15' - 20' / 15' - 20' | Medium / Upright, Rounded | Intense Pinkish-Red flowers. 3/8" fruit, does not drop. Birds love the fruit. Attracts butterflies. |
| <u>CRABAPPLE, RADIANT</u> | 15' - 20' / 15' - 20' | Rapid / Compact/Symmetrical | Deep Pink flowers. Succulent Fragrance. 1/2" bright Red over Orange fruit. Good for cooking. |
| <u>CRABAPPLE, RED SPLENDOR</u> | 15' - 20' / 20' - 20' | Moderate - Fast / Upright, Spreading | Blossoms range from white to dark pink. Very hardy, litter free. Fruit stays on in the winter. Attracts birds & butterflies. |
| <u>CRABAPPLE, ROYALTY</u> | 18' - 20' / 20' | Medium / Upright/Rounded | Deep Red flowers. Fragrant. 3/4" Purple-Red fruit. Apple butter, spiced apples. Nice foliage form. |
| <u>ELDERBERRY</u> | 6' - 12' / 6' - 12' | Fast, Vigorous / Rounded | White flowers, small black berries that are edible for both humans & wildlife. Tree or Shrub. |
| <u>HAWTHORN, WASHINGTON</u> | 15' - 25' / 15' | Slow - Medium / Oval to Rounded | White flowers. Thorns. Red 1/8" berries. Excellent for wildlife! Slow to medium growth rate. |
| <u>MAPLE, GINNALA</u> {AMUR} | 15' - 20' / 15' - 20' | Medium - Fast / Irregular | {Acer Ginnala} Flowers in May, vivid scarlet in fall. Very hardy, wide range of soils. Withstands heavy pruning. |
| <u>PLUM, AMERICAN</u> | 10' - 30' / 8' - 25' | Medium - Fast / Globular | White flowers, hardy, needs sun, tolerates dryness. Native plant that forms thickets. Tree or Shrub. |

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|---|----------------------------|---|--|
| <u>SHRUBS Deciduous</u> | | | |
| <u>ARROWWOOD</u> | 8' - 12' / 6' - 15' | Medium / Rounded | Dark green foliage w/white flower clusters. Deep blue fruit. Fall color purple-red. |
| <u>BUFFALOBERRY</u> | 6' - 14' / 12' - 15' | Slow - Medium / Rounded | Thorny shrub. Well adapted to dry & poor soils. Edible berries. Good for jams & jellies. Wildlife. |
| <u>CHERRY, NANKING</u> | 6' - 8' / 15' | Medium - Fast / Wide Spread | "Bush Cherry" Very Hardy. Wide spreading shrub with showy white flowers. Very hardy, prefers sun. Good for jams, jellies & juices. Birds love the tasty red fruit! |
| <u>CHOKEBERRY, BLACK</u> | 3' - 6' / 3' - 6' | Slow - Moderate / Rounded | Tolerates a wide range of soils. Flowers white in spring with fruit turning black. Fruit is not edible. |
| <u>CRANBERRY, AMERICAN</u> | 8' - 12' / 8' - 12' | Medium - Fast / Rounded | White, flat flower clusters. Hardy. Bright red berries. Foliage turns maroon in fall. |
| <u>DOGWOOD, REDOSIER</u> | 8' - 10' / 6' - 12' | Fast / Rounded | Multi stemmed, spreading shrub. Green foliage/purple in fall. Shade tolerant. Thrives-wet soils. Twigs are red in winter, year-round color. Freely suckers. |
| <u>JUNEBERRY (SERVICEBERRY)</u> | 15' - 30' / 10' - 20' | Medium / Globular | Numerous white flowers in Early Spring. Produce Deep Blue, edible berries Late July. Dark waxy leaves. Shade or sun. Drought tolerant. |
| <u>LILAC, COMMON PURPLE</u> | 10' - 15' / 6' - 12' | Medium / Upright | A very nostalgic flower. Blooms deep purple to wine red. Very fragrant, single flowers with white edges. Suckers. |
| <u>NANNYBERRY</u> | 15' - 18' / 6' - 10' | Medium - Fast / Upright | Glossy green leaves with clusters of ivory flowers. Bears black fruit eaten by birds. Red fall color. |
| <u>ROSE, HANSON HEDGE</u> | 5' - 6' / 5' - 7' | Moderate - Fast / Upright | Colorful, fragrant, pink flowers. Showy, red hips good for wildlife. Hybrid 'Rugosa' Type. |
| <u>EVERGREENS Conifer</u> | | | |
| <u>CEDAR, WHITE</u> | 40' - 50' / 20' - 50' | Medium / Conical | Grows on wetland and upland. Used for windbreaks and wildlife habitat. NEEDLE: Soft/Fan-Like/Pliable. DEER: Love to Eat. |
| <u>FIR, BALSAM</u> | 45' - 75' / 20' - 25' | Slow / Pyramidal | Tolerant of shade & moist soils. Nice fragrance. Wildlife plantings, windbreaks, Christmas Trees. NEEDLE: Short/ flat. DEER: Bucks Like to Rub. |
| <u>PINE, NORWAY (Red)</u> | 75' - 100' / 50' - 75' | Medium - Fast / Conical | Valuable for pulpwood & timber. Great for windbreaks. Likes full sun. NEEDLE: Long/Stiff. DEER: Bucks Like to Rub. |
| <u>PINE, SCOTCH</u> | 30' - 50' / 30' - 40' | Medium / Conical | Prefers a sandy, well drained soil. Attractive orange bark on upper trunk & main branches. NEEDLE: Medium - Long. DEER: Leave Alone. |
| <u>PINE, WHITE</u> | 75' - 100' / 50' - 75' | Fast / Conical | Shade tolerant, useful in windbreaks, wildlife & Christmas trees. NEEDLE: Long/Soft. DEER: Love to Eat. |
| <u>SPRUCE, BLACK</u> | 30' - 60' / 15' - 25' | Slow / Conical | Grows well in organic soils but will do well on upland soils as well. NEEDLE: Very Short. DEER: Bucks Like to Rub. |
| <u>SPRUCE, BLACK HILLS</u> | 30' - 50' / 20' - 35' | Medium / Conical, Dense, Shapley | Dense, shapely tree. Great for windbreaks. Full sun. NEEDLE: Short/Dark-Green/Crown Shaped. DEER: Bucks Like to Rub. |
| <u>SPRUCE, COLORADO "BLUE SPRUCE"</u> | 80' / 20' - 35' | Medium / Conical | Most adaptable spruce. Non-native. Thrives in moist or dry soils. Used for windbreaks & Christmas trees. Most adaptable spruce. NEEDLE: Short/Stiff/Sharp. DEER: Bucks Like to Rub. |
| <u>SPRUCE, NORWAY</u> | 80' / 20' - 50' | Very Fast / Pyramidal, Cascading | Attractive evergreen. Grows on most sites. Cascading appearance. Prefers full sun. NEEDLE: Very Short. DEER: Bucks Like to Rub. |
| <u>SPRUCE, WHITE</u> | 75' - 100' / 20' | Fast / Upright Pyramidal | Native to MN. Very hardy & adaptable. Withstands heat, cold & drought. Mass planting, wildlife, windbreaks, Christmas trees & pulpwood. NEEDLE: Short. DEER: Bucks Like to Rub. |
| <u>TAMARACK</u> | 50' - 75' / 20' - 25' | Moderate - Fast / Straight / Upright | Tolerates wet areas well. Grows on upland. Bright green foliage in summer. Loses foliage each year. NEEDLE: Medium/Flat/Light Green. DEER: Leave Alone. |

If you would like to see more detailed information pertaining each species, come into Morrison SWCD, USDA Service Center, 16776 Heron Road, Little Falls, or go online at www.morrisonswcd.org

2018 MORRISON SWCD FRUIT TREE DESCRIPTIONS

| | <u>HEIGHT/ SPREAD</u> | <u>GROWTH RATE / FORM</u> | <u>HARVEST TIME</u> | <u>FRUIT SIZE</u> | <u>COLOR FRUIT</u> | <u>FLAVOR</u> | <u>BEST USED FOR</u> |
|---|---------------------------|-------------------------------|--|---|---|---|--|
| APPLE TREES Deciduous | | | | | | | |
| <u>CRABAPPLE, CHESTNUT</u> | 12' - 15' / 12' - 15' | Rapid / Rounded | Mid - Late August | Small 2" | Red over Orange / Yellow | Sweet, Rich & Pleasant Nut-Like | Fresh Eating Cooking Jams Sauces |
| <u>CORTLAND</u> Semi-Dwarf | 12' - 15' / 14' | Moderate / Rounded | Late-September Early October | Medium | Bright Red Snowy Center | Springly Tropical Flavor | Eating Cooking Salads |
| <u>FROSTBITE</u> Semi-Dwarf | 12' - 15' / 14' | Moderate / Rounded | Late September to Mid-October | Small | Maroon Red over Yellow- Gold Background | Very Sweet Intense Taste Crisp, but Firm Texture and Juicy | Ciders Cooking |
| <u>HARALSON</u> Semi-Dwarf | 12' - 15' / 14' | Medium / Rounded | Late-September Early-October later-the-better for best flavor | Medium Prone to biennial bearing | Bright Red w/ a spot of green & pronounced small tan- colored spots | Firm Crisp Juicy Tart | Fresh Eating Baking, Pies Freezing Keeps very well |
| <u>HONEYCRISP</u> Semi-Dwarf | 12' - 15' / 14' | Moderate / Rounded | Late September | Medium to Large | Red, w/dappled Yellow background | Exceptionally Crisp & Juicy | Fresh Eating, Cooking, Salad Excellent storage |
| <u>HONEYGOLD</u> Semi-Dwarf | 12' - 15' / 14' | Moderate / Rounded | October | Medium to Large | Yellow | Crisp Juicy Sweet | Excellent for Fresh Eating Cooking |
| <u>RED BARON</u> Semi-Dwarf | 10' - 15' / 15' | Moderate / Rounded | Early Season Mid-September | Medium to Large | Red and Yellow | Juicy Flesh Mild Sweet | Fresh Eating Cooking Sauces |
| <u>RED PRAIRIE SPY</u> Semi-Dwarf | 12' - 15' / 14' | Medium / Rounded | Late-September Early-October Very Productive | Medium | Blushed Red | Sweet to Tart Flavor | Best for Baking Long-Term Storage Life |
| <u>SNOWSWEET</u> Semi-Dwarf | 12' - 15' / 14' | Moderate / Rounded | Mid - Late September | Medium | Red / Yellow Firm, snow- white flesh, slow to oxidize. | Savory, almost buttery flavor. Sweet with slight tart balance and bright overtone | Fresh Eating, Snack Trays, Salads, Sauces |
| <u>STATE FAIR</u> Semi-Dwarf | 12' - 15' / 14' | Rapid / Rounded | Mid - August | Medium | Red Striped | Sprightly Tart | Fresh Eating Baking, Cooking All Purpose |
| <u>ZESTAR!</u> Semi-Dwarf | 12' - 15' / 14' | Medium / Rounded | Early Apple Late August | Large | Bright Red w/ Greenish Yellow | Crisp & Juicy Best know for excellent sweet/tart flavor | Excellent for Fresh Eating Cooking Much longer storage life than other early apples |

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|---|---------------------------|--|--|-----------------------|--|--|--|
| <u>CHERRY TREES</u> Deciduous | | | | | | | |
| <u>EVANS BALI</u> (SOUR) Standard | 15' - 20' / 10' - 12' | Vigorous / Pyramidal | August (Extremely hardy buds) | 1" | Deep, Dark Red | Much sweeter than other sour cherries | Excellent for Fresh Eating Baking, Cooking |
| <u>MESABI</u> (SOUR) Standard | 10' - 14' / 10' | Medium to Vigorous / Pyramidal | Early July | Medium | Long Stemmed Red w/ Red Flesh | Sugar content halfway between pie Cherrie & 'Bing' Cherries | Fresh Eating Baking, Cooking |
| <u>METEOR</u> (SOUR) Standard | 10' - 14' / 10' | Fast / pyramidal | Late July | Large | Bright Red | Tart | Sauce Pie |
| <u>PEAR TREES</u> Deciduous | | | | | | | |
| <u>PARKER</u> Semi-Dwarf | 15' / 8' - 12' | Vigorous / Upright | August | Large | Yellow / Bronze | Fine Grained Tender & Juicy Very similar in flavor & texture to a 'Bartlett' | Fresh Eating Canning Pollinator: Any Variety |
| <u>SUMMERCRISS</u> Semi-Dwarf | 10' / 8' | Fast / Oval Free of fire blight. | Mid August Annual Bearer | Medium 3 - 3.5" | Red-Blushed | Mild & Sweet with a crisp texture | Fresh Eating Canning Storage Life: 2 months Pollinator: 'Golden Spice' |
| <u>PLUM TREES</u> Deciduous | | | | | | | |
| <u>PEMBINA</u> Standard | 10' - 15' / 12' | Rapid | Mid August | Large | Red w/Bluish waxy bloom on the skin | Yellow Flesh Juicy Sweet | Desert Cooking Canning |
| <u>PIPESTONE</u> Standard | 10' - 15' / 8' - 12' | Vigorous / Random | Late August Very Hardy to -40. | X-Large | Attractive Red w/Golden Blush | Sweet, juicy, Yellow flesh w/excellent quality | Good for Fresh Eating, Jams & Jellies. |
| <u>SUPERIOR</u> Standard | 15' - 20' / 15' - 20' | Vigorous / Random | Late August Heavy Bearing Often sets fruit the first year. | Large | Dark Red | Flesh is Yellow Sweet & Juicy | One of the best plums on the market. Hardy. Fresh Eating Jams & Jellies Can be used as a Pollinator. |
| <u>WANETA</u> Standard | 10' - 15' / 8' - 12' | Rapid / Random | Late July Produces well the first season after planting. | Large | Red | Good Quality Sweet, Juicy & of Good Quality | One of the best market plums. Fresh Eating Canning |