

Species	Purchase Age/Size	Foliage/ Flower	Mature Height	Site Preferences	Growth Rate	Comments
WILDLIFE SHRUBS cont.						
Red Osier Dogwood (<i>Cornus sericea</i>) Native	10-18"	Bright green leaves, white to cream flowers June-August, white berries may persist into winter.	4-20'	Moist to saturated, nitrogen-rich soils. Common on edges of ponds and streams.	Fast	Green bark and twigs in summer, deep burgundy fall through spring. Excellent browse, nesting cover and fruits are eaten by birds and mammals.
Elderberry (<i>Sambucus canadensis</i>) Native	10-18"	Bright, green leaves, canopy provides shade for fish. White or cream-colored flower clusters June – August.	12' Multi-stemmed, 6-8' spread.	Full sun. Well-drained, slightly acidic soil along streams and bottomlands, tolerates wet sites.	Fast	Bluish-black berry clusters used in jelly, preserves, wine. Summer food for game, songbirds, bears, deer. Roots stabilize streambanks.
Ninebark (<i>Physocarpus opulifolius</i>) Native	18-24"	White flower clusters in June, red fruit in mid-September.	5-9' multi-stemmed, spreading shrub.	Tolerates full sun and dry conditions. Adaptable, found along streams and on rocky slopes.	Slow to moderate	Beautiful exfoliating bark. Flowers are excellent source of nectar, fruits are eaten by many birds.
Black Chokeberry (<i>Aronia melanocarpa</i>) Native	24-36"	White flower clusters, glossy green foliage in summer, turning red in fall.	Multi-stemmed, 3 - 6' in height, 3 - 8' width	Full sun to partial shade. Moist soil. Cold-hardy.	Moderate, spreads by shoots into colonies	Produces juicy purplish -black fruit, used for jelly and fruit drinks. Browsed by deer and rabbits, fruit eaten by grouse.
Shadbush Serviceberry/ Juneberry (<i>Amelanchierca Canadensis</i>) Native	12-24"	Early, showy white flowers. Yellow to red leaves in fall.	6-20'	Full sun to partial shade. Moist, well-drained soil. Will tolerate wet conditions.	Slow to moderate	Important food source for migrating birds. Early source of pollen for bees. Fruit can be eaten, best when cooked.
American Cranberry Bush (<i>Viburnum trilobum</i>) Native	24-36"	White flower clusters in May. Red foliage in fall	6-12' Can be as wide as it is tall.	Full sun to partial shade. Moist, well-drained soil.	Moderate (Slow the first 2 years)	Attractive bright red fruit is edible for humans and birds, midsummer through winter.
American Filbert/Hazelnut (<i>Corylus americana</i>) Native	24-36"	Dark green foliage turns yellow-green in fall. Dense, low growth provides cover and nesting.	8-10' Multi-stemmed, round-topped bush.	Shade tolerant. Rich, moist, well-drained soils. Plant more than one tree for nut production.	Moderate to fast	Nuts are eaten by squirrels, foxes, deer, ruffed grouse, turkey, and pheasant. Twigs, leaves and catkins browsed by rabbits, deer and moose.
Speckled Alder (<i>Alnus rugosa</i>) Native	24-36"	Leaves 2-4" long, toothed edges. Yellow-red male catkins and pick female flowers in early spring, fruit matures in late August.	Multi-stemmed, 15-25' grows in dense thickets	Full sun to partial shade. Adapts to many soil types. Can tolerate flooding as well as occasional drought. Used in site rehabilitation.	Fast	Root nodules support nitrogen-fixing bacteria. Cover and browse for deer and rabbits. Turkey, ruffed grouse, bobwhite, pheasant and woodcock eat seeds, buds and catkins.

The bareroot stock offered will come as seedlings, transplants, or grafted fruit trees. A seedling has been grown entirely in its original seedbed. A transplant has been removed from its original seedbed and replanted in a new area to allow for more growth. The numbers listed next to the evergreens on the order form indicate that a (2-3) transplant is a 5 year old plant that was grown 2 years in a seedbed and 3 years in a transplant bed. Plants are dormant, leafless, with roots "bare" of soil.	
VEGETABLE AND SEED MIX	
JERSEY SUPREME ASPARAGUS – High yield and uniform spear size; early, cold tolerant and adaptable to warm and cool climates; good resistance to rust and fusarium; does better in light to medium sandy soils.	
ASPARAGUS PURPLE PASSION – Mild flavor and tender spears; bright purple color when served fresh, color reduced when cooked; plant 6-8 inches apart in rows. Zones 3-8	
MACDONALD RHUBARB – Excellent producer, vigorous, upright plant producing large, tender stalks, red color; resistant to root-rot. Zones 4-8.	
WILDFLOWER SEED MIX - This hardy mix is excellent for reseeding reclamation projects, conservation areas, roadside ground cover, and yards where flower planting may be difficult. Contains 100% annual and perennial wildflower seeds of different colors and maturities, a multicolored carpet that changes week to week.	
GRAFTON COUNTY CONSERVATION SEED MIX - Fine to course-textured mix of grasses suited to a wide range of soil types. Will tolerate full sun and medium shade. Used for roadsides and slopes, logging roads and landings, and lawn mix for poorer soils. Contains small amount of white clover. Seed at 5 lbs per 1,000 sq. ft.	
Species	Comments
FRUIT TREES	
FRUIT TREES AND BUSHES, AND NUT TREES: Most fruit trees and bushes need cross-pollination with a different variety of that type of fruit for good production. Plant at least two different types of apples, or already have one close by for pollination. Walnut and hazelnut trees need two trees of their own variety to produce well.	
Indian Summer Crabapple Mature height 20'	Abundant pink to red flowers, extended early bloom period. Bright red fruit. Excellent wildlife food source.
Hyslop Crabapple Mature height 15-20'	Purchase height 5". White blossoms, tart red fruit in September used in jellies and cider. Early to mid-season pollinizer
Grimes Golden Apple emla 7, semi-dwarf	Upright-spreading tree. Small to medium apple that ripens late September, yellowish apple is crisp and tender with spicy, sweet flavor. Apples used for desserts and cooking. Popular for making hard cider. Stores well. Excellent pollinizer.
Nova Spy Apple emla 7, semi-dwarf	Trees bloom mid to late season, early to mid-October harvest. Trees are very productive and may need thinning for fruit size. Average vigor. Resistance to fire blight and scab. Apples are large, firm, juicy with tart-sweet vanilla-like flavor, excellent for eating, pies and cider.
McIntosh Apple emla 111, semi-dwarf	Trees bloom early to mid-May, fruit ripens mid-September into October. Apples become sweeter, with more red color later in season. Apple has crisp flesh, is exceptionally juicy, spicy and sweet-tart flavor, and bright white in color. Great for cooking and eating. Cold hardy tree. Resistant to cedar-apple rust and fire blight.
Green Gage Plum	Purchase height 5". Self-fertile, biennial tendency, moderately vigorous. Yellow-green fruit with red mottling, oval-shaped, sweet, juicy; ideal dessert plum, great for jellies.
Sunrise Pear	This variety harvests two weeks before Bartlett. Fruit is yellow, often finishing with a slight blush. Fruit is aromatic, juicy and sweet, used for eating and desserts. Impressive resistance to fire blight. Stores 2 to 3 months.
STRAWBERRIES, RASPBERRIES AND BLUEBERRIES	
Earliglow Strawberry Early season Zones 4-8	Produces small to medium berries sweet flavor for eating or freezing. Berries have firm, glossy skin, and firm flesh. Plants are vigorous and runner well Good resistance to red stele, intermediate resistance to Verticillium wilt. Prefers sunny, weed-free, well-drained soils. Soil pH should be 6.5-6.8 for best growth.
Sonata Strawberry Mid-season Zones 4-7	Productive with large, uniform conic-shaped berries that are glossy and bright red. Excellent flavor. For best results apply good rates of magnesium and nitrogen. Good plant vigor and winter hardy. Soil pH should be 6.5-6.8 for best growth.
Nova Raspberry Mid-season Zones 3-8	Berries have good flavor; are bright red, firm, medium size with good shelf life. Canes are high-yielding, vigorous, upright with light spines. Prefers deep, loamy soil with full sun, good moisture and drainage. pH 6.0-6.8.

STRAWBERRIES, RASPBERRIES AND BLUEBERRIES cont.

Boyne Raspberry Early season Zones 3-7	Ripens early summer. Berries are deep red, medium-size, sweet and aromatic. Great for freezing and jams. Very winter hardy and vigorous. Prefers deep, loamy soil with full sun, good moisture and drainage. pH 6.0-6.8. Zones 4-8.
Patriot Blueberry Early season Zones 3-7	Purchase height 18-30", mature height 4-6'. Ripens early season. An extremely winter hardy plant with large, dark blue berries with good flavor. Patriot is adapted to many soil types. Prefers acid soil with pH of 4.5-4.8. Plant two varieties.
Northland Blueberry Mid-season Zones 3-7	Berries are medium-size, firm, very flavorful, similar to wild blueberries; excellent for freezing. Consistent production. Prefers acid soil with pH of 4.0-5.0. Plant two varieties. Mature height 4-6'.

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DECIDUOUS TREES

Black Cherry (<i>Prunus serotina</i>) Native	2-3'	Profuse white flowers in spring, golden fall foliage	50' Irregular crown	Prefers sun, shade intolerant. Moist, deep soils	Moderate	Fruit ripens June to October, is good for wine and jelly. Fruit is food source for birds and mammals, deer browse twigs. Wood is valued for furniture-making, veneers and crafts.
Black Gum Tupelo (<i>Nyssa sylvatica</i>) Native	2-3'''	Dense green foliage, yellow orange to red in fall. Greenish white flowers.	30-60' with straight trunk, rounded, pyramidal shape.	Shade tolerant. Well-drained, light-textured soil, will tolerate brief flooding.	Slow to moderate	Fruit eaten by bear, foxes, ducks, robin, woodpeckers, turkey. Twigs browsed by deer.
Shagbark Hickory (<i>Carya ovata</i>) Native	12-18"	Yellow-green compound leaves (usually 5 long, narrow leaflets) turning golden brown in fall. Yellow-green flowers in April-May.	70-90' tall, irregular with oval-rounded crown. Good shade tree, needs plenty of space. Does not transplant well due to long taproot.	Full sun to partial shade. Rich, moist, well-drained loams. Tolerates clayey soil.	Slow	Bark is smooth and gray when young, exfoliates in long strips on older trees. Wood is very hard, good for smoked meats, firewood, tool handles, ladders, gun stocks, furniture. Edible nuts eaten by birds and mammals.
Sugar Maple (<i>Acer saccharum</i>) Native	2-3'	Green leaves, orange-red in fall. Yellow flowers, fall winged seeds.	60-80' Straight trunk round crown. Important timber tree.	Shade tolerant. Moist, rich, well-drained soil.	Slow to moderate	Browsed by deer, moose and snowshoe hare. Nesting site for songbirds. Maple syrup made from sap.

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GROUNDCOVERS AND FLOWERS

Hosta Pack – 2 each: **Ventricosa**: dark green, heart-shaped leaves, medium-purple blooms July - August, 1-3'; **Hyacinthina**: blue-green, funnel-shaped leaves, lavender flower in July, 22" tall; **Albo Marginata**: Crisp green leaves with bold white margins, blooms July – August, 18" tall; **F. Aureo Marginata**: oval to heart-shaped leaves with deep green to olive green centers and golden yellow margins, blooms July – August, 12-18" tall; **Undulata Varigata**: narrow oval-shaped wavy green leaves with white center stripe, lavender flowers in June-July, 1-2' tall. Hostas form a mounded shape, grow well in partial shade, prefer moist, well-drained soil, excellent border plant for shade garden.

Perennial Flower Pack – 2 each: **Michigan Sunset Daylily**: 32-26" tall, 5" blooms are orange-red blend with gold throat, blooms mid-to-late season, full sun to partial shade; **Stella de Oro Daylily**: 15-24" tall, golden yellow 2-3" blooms June – August, full sun to partial shade, moist soils; **Apricot Beauty Daylily**: 24-30" tall, orange-to-peach petals are darker toward the center, blooms June – July, full sun to partial shade; **Blue King Iris**: 28-35" tall, light blue bloom throughout June, full sun, non-acidic soil; **Snow Queen Iris**: 18-24" tall, pure white bloom with yellow center, blooms late spring-early summer, well-drained and moderately fertile soil; Autumn Joy Sedum: 24" tall, broccoli-like heads in July with abundant pink flower clusters, turning salmon-rose then burnt red to bronze in fall, full sun.

Fern Pack – 2 each: **Christmas**: 1-2' tall, evergreen, dark green leaflet 2-3' long, prefers shade to partial shade, neutral to acid soil; **Cinnamon**: 2-5' tall, non-evergreen, first foliage resembles cinnamon sticks, later foliage is deep waxy green, tolerates sun or shade, thrives in wetter areas; **Maidenhair**: 18" tall, non-evergreen, lacy green fronds, prefers moist and shady woodlands; **New York**: 18" tall, semi-evergreen with yellow-green leaves tapered at both ends, spreads rapidly, prefers shade to partial sun, moist woodlands; **Ostrich**: 3-6' tall, bright green fronds, prefers light shade to partial sun, and rich moist to wet soil.

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Pachysandra (<i>spurge</i>)	1-yr. cutting	Lustrous green leaves, white flowers spring.	Trailing vine, to height of 6"	Full sun to heavy shade. Hardy, will grow in any soil.	Fast	Water liberally, will form solid ground cover in 2 years.

CONIFERS

American Arborvitae/ Northern White Cedar (<i>Thuja occidentalis</i>) Native	2-1/2-2 10-18"	Yellow-green, scale-like flat foliage with fanlike sprays.	6-50'. Conical shape, used in hedges, shelter plantings.	Partial sun. Cool, moist, loamy soil.	Moderate	Food and shelter for deer. Twigs eaten by moose, rabbits, hare; seeds eaten by squirrels, songbirds.
Balsam Fir (<i>Abies balsamea</i>) Native	3-2, 10-18"	Flat green needles, white underneath. Upright cones.	40-60' Steeple-shape, Christmas tree	Full sun. Acidic, moist, well-drained soil.	Moderate	Fragrant, holds its needles. Twigs eaten by hare, deer, moose, grouse eat seeds.
Fraser Fir (<i>Abies fraseri</i>)	3-2, 10-18"	Similar to balsam fir.	Similar to balsam fir.	Full sun. Cool, well-drained soil.	Moderate	Appalachian Mountains native.
Colorado Blue Spruce (<i>Picea pungens</i>)	2-1, 9-15"	Sharp 1" silver-blue needles	100'. Used for ornamentals, landscaping.	Full sun. Moist, well-drained soil.	Slow	Frost resistant, tolerates wet sites.

WILDLIFE SHRUBS

Arrowwood (<i>Viburnum dentatum</i>) Native	24-36"	Dense foliage turns red in fall. White flower clusters May-June.	10-15' Rounded crown	Partial shade, but very adaptable. Moist soil.	Fast	Blue-black fruit eaten by deer, small mammals, turkey, pheasant, grouse and songbirds. Good cover and nesting.
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