

**WILDLIFE SHRUBS cont.**

Species	Purchase Age/Size	Foliage/ Flower	Mature Height	Site Preferences	Growth Rate	Comments
Silky Dogwood ( <i>Cornus amomum</i> ) Native	24"+	Dark green leaves, silky underneath, red in fall. Yellow-white flowers.	8-12'	Full sunlight to partial shade. Moist to wet soil.	Moderate	Birds eat blue-gray berries. Good for windbreaks, wildlife borders and slope stabilization.
Butterfly Bush ( <i>Buddleja davidii</i> )	24-36"	Green leaves above, wooly below. Tiny fragrant flower clusters in summer.	5-12' Mulch over winter, cut dead branches to ground in spring.	Partial to full sun. Moist, well-drained soil.	Fast	Nectar-rich flower color ranges from dark purple to pink to white, attractive to hummingbirds and butterflies.
Elderberry ( <i>Sambucus canadensis</i> ) Native	24-36"	Bright, green leaves, provide shade on streambanks. White or cream 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 provide streambank stabilization.
Common Purple Lilac ( <i>Syringa vulgaris</i> )	24-36"	Leafy green foliage. Fragrant purple flower in May.	12-20' Multi-stemmed, long-lived shrub.	Full sun, needs at least partial sun to flower.	Moderate to fast. Adapts to most sites.	Excellent border or screen, can be sheared to make a hedge. Tolerates urban conditions.
Spicebush ( <i>Lindera benzoin</i> ) Native	24-36"	Deep green leaves, turn yellow in fall. Small yellow-white flowers (March-April).	3-12'	Partial to full sun. Shade tolerant. Moist soil.	Fast	Shiny red berries in fall are a favorite of wood thrushes. Deer, rabbits and birds browse the leaves or eat the fruit.
Staghorn Sumac ( <i>Rhus typhina</i> ) Native	24-36"	Narrow, compound dark green leaflets, pointed at tip, orange-red in fall. Greenish flowers bloom June-July.	15-30' Thicket-forming, will spread from root suckers. Trunks lean with velvety twigs.	Grows in sun and partial shade. Can grow in dry, low-nutrient soils. Tolerates a wide variety of conditions.	Fast	Compact red, hairy fruit eaten by gamebirds and many songbirds. Good winter emergency wildlife food.
Eastern Sweetshrub ( <i>Calycanthus floridus</i> )	24-36"	Aromatic dark green leaves in summer, golden-yellow in fall. Dark red flowers.	6-10' Multi-stemmed. Spreads by suckering. Grows taller in shade.	Full sun to partial shade. Prefers rich loams, tolerates most soils.	Moderate	Long-lasting, fragrant flowers attract butterflies and insects. Whitetail deer browse foliage.
False Indigo ( <i>Amorpha fruticosa</i> ) Native	24-36"	Small, purple to dark blue upright, flower spikes April to June.	10-15' loose, airy shrub, thicket-forming.	Full sun to partial shade. Sandy loamy, dry or moist soils. Adaptable.	Fast	Nectar attracts bees, butterflies, and other nectar eating insects. Used for windbreak or erosion control.

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.

**WILDLIFE SHRUBS cont.**

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American Filbert/Hazelnut ( <i>Corylus americana</i> ) Native	18-24"	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.

**ROOTS AND SEED MIX**

**Mary Washington ASPARAGUS** – Heirloom variety, high-yield variety produces long succulent spears; excellent flavor; resistant to rust, winter hardy and heat tolerant. Partial to full sun. Zones 3-8.

**MacDonald RHUBARB** - Excellent producer, vigorous, upright plant producing large, tender stalks, red color; resistant to root-rot. Zones 4-8.

**Big Top HORSERADISH** – Selected for vigor, wide adaptability and resistance to foliage diseases, rust and bacterial spot (all common problems in horseradish). These horseradish plants are top performers; a few roots will last a lifetime! Zones 3-8, soil pH level of 6.2 - 6.7. Horseradish roots can be harvested during the 2nd fall after planting. Cold hardy, grows in sun or shade. Plants will spread and sprout away from root planting over the years.

**WILDFLOWER SEED MIX** - Wildflower Mix Flower Mix for the Northeast. A blend of 19 perennial and self-sowing annual species native to or naturalized in northeast U.S. and Canada. Includes black-eyed Susan, New England aster, blazing stars, sweet William, Shasta daisy, bachelor's button, Echinacea and scarlet flax. Broadcast in spring or fall in a well-prepared weed-free seedbed in a sunny spot. Seed at a rate of 1 lb/4500 sq ft. ~2,140 seeds/g.

**GRAFTON COUNTY CONSERVATION SEED MIX** - Fine to coarse-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.

**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.

Species	Comments
<b>Chestnut Crabapple</b> Mature height 15-20'	Slightly upright tree. Large white blossoms. Large persistent marketable fruit used in preserves or decorations. Excellent early to mid-season pollinizer.
<b>Cortland Apple</b> emla 7, semi-dwarf	Mature height 15', Fruit is a beautiful red, very large, with pure white flesh. Apple is sweet with a hint of tartness. Great for salads, baking and freezing. Picked seven to ten days after McIntosh..
<b>Daybreak Fuji Apple</b> emla 7, semi-dwarf	Mature height 15', with open spreading growth. Mid-season bloom, large-size fruit, orange-red blush; early ripening, high-quality Fuji.
<b>Honeycrisp Apple</b> emla 7, semi-dwarf	Mature height 15', with open spreading growth, well-anchored, tree. Fruit is 3", mostly orange-red; crisp, sweet and juicy; ripens in September, stores well. Prefers full sun.
<b>Bluebyrd Plum</b>	The fruit is blue with amber flesh, medium to large in size with excellent flavor and high sugar content. The tree is vigorous, productive and has shown great resistance to black knot. Bluebyrd blooms before Stanley and requires cross pollination.
<b>Red Bartlett Pear</b>	A red sport of the Bartlett variety, turns bright red when fully ripened in late summer. Sweet and juicy, great for desserts. Winter hardy.

**STRAWBERRIES**

<b>Wendy Strawberry</b> Early season Zones 3-8	Ripens early season, produces firm bright red berries with excellent flavor. Highly productive with good fruit size all season, good for freezing. Resistant to red stele and powdery mildew. Prefers sunny, weed-free, well-drained soils. Soil pH should be 6.5-6.8 for best growth. Zones 3-8.
<b>Cavendish Strawberry</b> Early mid-season Zones 3-7	Produces large, firm berries with excellent flavor, and excellent freezing qualities. Performs well over a wide range of growing conditions. Prefers sunny, weed-free, well-drained soils. Soil pH should be 6.5-6.8 for best growth.

Species	Comments
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### RASPBERRIES

<b>Prelude Raspberry</b> Early season Zones 4-8	Berries are round-conic, coherent with good flavor. Most production early summer, also fall-bearing, vigorous canes. Good for freezing. Prefers deep, loamy soil with full sun, good moisture and drainage. pH 6.0-6.8.
<b>Eden Raspberry</b> Sumemr mid-season Zones 4-8	Berries are large, firm, light to medium in color with exceptional flavor. Strong canes are spineless and shown to be moderately winter hardy. Prefers deep, loamy soil with full sun, good moisture and drainage. pH 6.0-6.8.

### BLUEBERRIES

<b>Blueray Blueberry</b> Early mid-season Zones 4-7	Purchase height 18-30", mature height 4-6'. Ripens early mid-season. Large, dark blue berries with sweet, high-quality flavor. Berries are excellent for freezing. Bush is vigorous, productive and winter-hardy. For best production plant two varieties. Prefers acid soil with pH of 4.5-4.8.
<b>Reka Blueberry</b> Early season Zones 4-7	Berries are dark blue, firm, excellent flavor and freezing quality. Vigorous plants produce large crops; grows in light, sandy soil, peat and heavier clay; tolerant of wetter ground. Prefers acid soil with pH of 4.0-5.0. Plant two varieties. Mature height 4-6'.

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**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.

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### DECIDUOUS TREES

American Mountain Ash ( <i>Sorbus americana</i> ) Native	2-3'	Compound leaves, orange-yellow to red in fall. Small, white flowers.	30' Short trunk with spreading branches.	Full sun to light shade. Prefers acidic soil, well-drained.	Moderate	Orange fruit clusters persist into winter, eaten by grouse, turkey, songbirds. Browsed by deer.
Washington Hawthorne ( <i>Crataegus phaenopyrum</i> )	1-2'	Glossy dark green leaves on thorny stems, red-orange in fall. Fragrant white flower clusters in late spring.	25-30' Low, horizontal branches with thorns, rounded crown	Full sun, will not tolerate full shade. Prefers well-drained, moist soils.	Moderate.	Flowers provide nectar for bees, hummingbirds and butterflies. Red berries in fall are persistent throughout winter, and a food source for songbirds and game birds.
Honeylocust ( <i>Gleditsia triacanthos var. inermis</i> ) Native	2-3'	Green glossy compound leaves, with many small leaflets. Small fragrant flowers in May-June. Yellow-gold foliage in fall.	70' Irregular, oval crown. Casts light shade. Can form dense thickets.	Full sun to partial shade. Drought and salt tolerant	Fast. Dense wood. Aggressive sprouting.	Inermis variety is thornless and nearly seedless. Flowers are attractive to pollinating insects. Browsing and grazing animals eat shoots in spring and bark in winter. Good cover for wildlife.
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:** emerald-green leaves with white edges, lavender flowers August-September, 18-24"; **F. Aureo Marginata:** wide oval-shaped, leaves with deep to olive green centers and thin golden yellow margins, lavender flower in July, 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: **Dream Baby Daylily:** 18" tall, very fragrant creamy apricot petals purple-red center with green throat, blooms May through July, full sun, well-drained; **Frances Fay Daylily:** 24" tall, light melon-yellow flower, 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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### CONIFERS

American Arborvitae/ Northern White Cedar ( <i>Thuja occidentalis</i> ) Native	2-1/2, 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, great 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"	Needles are shiny dark green above, silvery underneath.	50' Narrow, spire-like crown.	Full sun. Cool, well-drained soil.	Moderate	Fragrant. Excellent needle retention. Appalachian Mountains native.
Colorado Blue Spruce ( <i>Picea pungens</i> )	2-2, 9-15"	Sharp 1" silver-blue needles.	100'. Pyramid-shaped, broad, dense branches.	Full sun. Moist, well-drained soil.	Slow	Frost resistant, tolerates wet sites. Rarely damaged by deer. Used in landscaping, privacy and wind breaks.

### WILDLIFE SHRUBS

**Bird and Butterfly Pack** – 2 each: **Butterfly Bush:** description page 2; **Elderberry:** description page 2; **Blazing Star** (*Liatris spicata*): 2-4' tall, thin green grasslike leaves, rose purple (or white) spike flower heads August-September, prefers moist rich soil and full sun; **Ninebark:** 5-9' spreading shrub with exfoliating bark, white flower clusters in June, red fruit in September, grows along streams and rocky slopes, tolerates full sun and dry conditions, excellent source of nectar; **Apricot Beauty Daylily:** 24-30" tall, range 2-3" blooms June – July, remove old flowers, full sun to partial shade, deep fertile soils. Tolerates heat and humidity.