

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**

Species	Purchase Age/Size	Foliage/ Flower	Mature Height	Site Preferences	Growth Rate	Comments
Red Osier Dogwood ( <i>Cornus sericea</i> ) Native	24-36"	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 turn deep burgundy fall through spring. Excellent browse, nesting cover and fruits are eaten by birds and mammals.
Butterfly Bush ( <i>Buddleja davidii</i> )	24-36"	Green leaves above, wooly gray 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.
Ninebark ( <i>Physocarpus opulifolius</i> ) Native	24-36"	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.
Spicebush ( <i>Lindera benzoin</i> ) Native	18-24"	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.
Arrowwood ( <i>Viburnum dentatum</i> ) Native	18-24"	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, game and songbirds. Good cover and nesting.
Black Chokeberry ( <i>Aronia melanocarpa</i> ) Native	18-24"	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/ ( <i>Amelanchier Canadensis</i> ) Native	10-20"	Early, showy white flowers. Yellow to red leaves in fall.	6-20'	Full sun to partial shade. Moist, well-drained soil.	Slow to moderate	Important food for migrating birds. Early pollen source for bees. Fruit is edible, best when cooked.

**WILDLIFE SHRUBS CONT.**

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False Indigo ( <i>Amorpha fruticosa</i> ) Native	12-24"	Small, purple to 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, insects. Used for windbreak or erosion control.
American Filbert/Hazelnut ( <i>Corylus americana</i> ) Native	18-24"	Dark green foliage turns yellow-green in fall. provides cover and nesting.	8-10' Multi-stemmed, dense, round-topped bush.	Shade tolerant. Rich, moist, well-drained soils. Plant more than one tree for nut production.	Moderate to fast	Squirrels, foxes, deer, ruffed grouse, turkey, and pheasant eat nuts. Twigs, leaves browsed by rabbits, deer, moose.

**ROOTS AND SEED MIX**

**ASPARAGUS, JERSEY KNIGHT** – Extremely vigorous; large succulent spears; excellent flavor; resistant to rust, crown rot and fusarium; does better in heavy, clay soils. Zones 3-8  
**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** - 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 rate of 1 lb/4500 sq ft. ~2,140 seeds/g.  
**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.

**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>Mt. Evereste Crabapple</b> Mature height <10', dwarf	Red buds open to large white blossoms. Small orange-red apples persist into winter. Excellent early bloom pollinizer. Disease resistant. Tree support recommended.
<b>Blondee Apple</b> emla 7, semi-dwarf	Mature height 15', Apple is yellow-skinned Gala-type apple, very good for fresh eating with sweet-tart flavor, firm white flesh is slow to brown, crunchy texture. Stores 2-3 months.
<b>Baldwin Apple</b> emla 7, semi-dwarf	Mature height 15', with open spreading growth. Medium to large fruit is sweet and crisp, holds its shape when cooked, delicious cider apple popular in 1800's. Stores well. Tends to be a biennial bearer.
<b>CrimsonCrisp Apple</b> emla 7, semi-dwarf	Mature height 15' with open spreading growth. Late season bloom; medium-size fruit, matures mid-season, crimson red color, crisp texture, tart flavor, stores well.
<b>Green Gage Plum</b>	Self-fertile, biennial tendency, moderately vigorous. Yellow-green fruit with red mottling, oval-shaped, sweet, juicy; ideal dessert plum, great for jellies.
<b>Harrow Sweet Pear</b> Harrow Research Station in Ontario, Canada	From. This variety harvests with Bartlett and sizes slightly larger. Fruit has a very attractive finish with a red blush over smooth, yellow skin and the flavor is mildly sweet. The tree is hardy, productive and has proven resistance to fire blight.

**STRAWBERRIES**

Species	Comments
<b>Earliglow Strawberry</b> Early season Zones 4-8	Small to medium berries with 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.
<b>Brunswick Strawberry</b> Early mid-season Zones 4-8	Large, firm berries, rated excellent flavor. Good plant vigor and disease resistance. Prefers sunny, weed-free, well-drained soils. Soil pH should be 6.5-6.8 for best growth.

**RASPBERRIES**

<b>Killarney Raspberry</b> Early mid-season Zones 4-7	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>Encore Raspberry</b> Late mid-season Zones 4-7	Berries are large, firm, red color with good flavor. Encore is vigorous, sturdy, upright, nearly spineless and has excellent winter hardiness. Prefers deep, loamy soil with full sun, good moisture and drainage. pH 6.0-6.8.

**BLUEBERRIES**

<b>Bluecrop Blueberry</b> Mid season Zones 4-7	Berries are large and bright blue, with superb flavor fresh or frozen. Known for its hardiness, vigor and consistent production. Needs well-drained soil. Prefers acid soil with pH of 4.5 -54.8. Plant two varieties. Mature height 4'-6'
<b>Northland Blueberry</b> 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**

American Basswood ( <i>Tilia americana</i> ) Native	24-36"	Alternate, uneven heart-shaped leaves. Yellow-white flowers in May-June are fragrant, nectar-bearing in drooping clusters.	70' Dense, round crown. Good shade tree.	Full sun to partial shade. Prefers deep, well-drained soils. Soil-enriching, bringing calcium and magnesium up from soil profile and depositing it in leaf litter.	Fast. Vigorous sprouts from cut stumps.	Flowers produce choice nectar for honey. Fruits are eaten by birds and small mammals, twigs and buds provide browse for birds and deer. Older tree cavities used by wildlife.
American Plum ( <i>Prunus Americana</i> ) Native	12-24"	Dark green, oval leaves with toothed edge. White 1" flowers are single or in clusters.	15-20' with broad crown. Shallow, widespread roots sucker, ideal for bank stabilization.	Full sun. Moist, soils, tolerates flooding. Does not tolerate shade or drought or fire.	Moderate.	Thorny branches create thickets for cover and nesting. Edible 1" red fruit eaten by deer, quail, grouse, pheasant. Browsed by deer.
Black Walnut ( <i>Juglans nigra</i> ) Native	24-36"	Compound yellow-green leaves. Flowers May-June.	70-90' Up to 150' Important timber tree.	Full sun. Deep, fertile, moist, well-drained soil. Toxic to nearby plants.	Moderate to fast – slower on poor soils	Large, sweet nuts consumed by wildlife and humans.
Sugar Maple ( <i>Acer saccharum</i> ) Native	10-20+"	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.
Black Gum Tupelo ( <i>Nyssa sylvatica</i> ) Native	12-24"	Dense green foliage, yellow orange to red in fall. Greenish white flowers.	30-60' with straight trunk, rounded, pyramid 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.

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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	3-1, 8-14"	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. More open than balsam with firmer branches. Appalachian Mountains native.
Colorado Blue Spruce ( <i>Picea pungens</i> )	2-1, 10-16"	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**: description page 2; **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.