

2010 TOMPKINS COUNTY SWCD TREE & SHRUB SEEDLING, GROUND COVER SALE

All species are bare-root stock. Seedlings have grown entirely in their original seedbed. Transplants have been transplanted from the seedbed to a transplant bed. This allows the plant to grow a denser root system, more branching and a thicker stem.

The district reserves the right to refund payment or provide a substitute on species if unavailable.

THE DISTRICT IS NOT RESPONSIBLE FOR THE FAILURE OR SUCCESS OF YOUR PLANTINGS. THIS MEANS THAT THERE IS NO GUARANTEE WITH THIS PLANT MATERIAL ON SUCCESS OF PLANTINGS.

EVERGREENS:

FIR Balsam: *Abies balsamea*: Conical Tree with smooth gray bark interspersed with fragrant resin blisters, dark green leaves, whitish green beneath. Needs a moist site. Grows up to 50 ft. Makes a great Christmas tree.

FIR Cannan: *Abies balsamea phanerolepis*: Color is dark to bluish dark green, the undersides of the needles have two white stripes very similar to the Fraser Fir with more limber branching. Naturally adapted to overly moist sites and late frosts.

FIR Concolor: *Abies concolor*: Also called White Fir. It is a native of the west coast. It grows well on both dry and wet sites. It tolerates shade well and is excellent as an ornamental or a Christmas tree. Caution: It has a very deep root tap. Plant only on deep soils. It is also very susceptible to late spring frosts.

FIR Douglas: *Pseudotsuga mesziesii*: Native to the Western United States. These trees are somewhat choosy about their growing sites. They require a well-drained soil without shallow bedrock or an impervious hardpan. Prefers north and east slopes. They are highly valued as a Christmas tree and used in windbreaks. Caution: Very susceptible to late spring frosts.

FIR Fraser: *Abies fraseri*: Native to the Appalachian. It is an excellent Christmas tree, a fast grower when young, and grows to a height of 30 to 40 feet. Likes well drained cool. Moist soil. Prefers north and east slopes. Least affected by late spring frosts. Does poorly on hot, dry sites. May not survive extreme droughty conditions.

PINE Austrian: *Pinus nigra*: Native to Europe. A tree that grows to a height of 50 feet. Grows well on a variety of soils. It is a very attractive ornamental. It is an excellent windbreak because of its stiff branches.

PINE White: *Pinus strobes*: Eastern White Pine. Slender, conical tree when young, becoming irregular and flat-topped with age, often losing major branches. Excellent specimen tree or hedge. Grows up to 120 feet.

SPRUCE CO Blue: *Picea pungens*: Native to the Central Rocky Mountains. It requires a more fertile, well-drained site than white spruce and prefers south and east slopes. It is used mostly as an ornamental and to a lesser degree as a Christmas tree.

SPRUCE Norway: *Picea abies*: A native of Europe. Grows well on a variety of soils. However, the first five years of growth are very slow. It is not recommended for Christmas trees because the needles drop quickly. Used mostly for ornamentals and in windbreaks.

SPRUCE White: *Picea glauca*: Native to northern New York and Canada. Grows well on a variety of soils. When open grown as an ornamental it develops a handsome conical growth that extends nearly to the ground. Used as Christmas trees, in windbreaks, and as ornamentals.

DECIDUOUS TREES:

ALDER Tag: *Alnus serrulata*: 25' height small tree. Most noted attribute elongated yellow-catkins provide interesting color. They make excellent plants along stream banks and poor soil areas.

BASSWOOD (American Linden): *Tilia Americana*: Basswood is a desirable ornamental tree known for its fast growth and longevity. Bees are especially attracted to the fragrant flowers. They make a delicious honey from the flowers that is considered a delicacy by beekeepers and honey connoisseurs. Grows in hardwood hammocks and loamy (fine-textured) soils of river floodplains and wetland areas

LOCUST Black: *Robinia pseudoacacia L*: 40' high, fast growing tree. Fragrant flowers May-June. Tolerates dry, saline conditions and is nitrogen fixing.

HONEYLOCUST Thornless: *Gleditsia triacanthos*: Want quick shade?? Don't like to rake leaves?? Want a maintenance free tree? Here it is! This fast growing tree and will grow 2' or more a year over a 10 year period. Easily transplanted, it withstands a wide range of conditions, including urban pollution. It reaches maximum development on rich, moist bottomlands or on soils of a limestone origin. It is tolerant of drought conditions; high pH; and is salt tolerant. Makes an excellent lawn tree for filtered shade and it won't "shade out" the grass growing below it.

MAPLE Sugar: *Acer saccharum*: 50' high, spreading canopy tree. Prefers well-drained soils. Brilliant fall leaf colors and pleasing growth habit.

OAK White: *Quercus alba*: 60' high, slow growing tree. This tree is great feed for wildlife, and is also a great timber tree. White Oak grows well in most soil types.

POPLAR Hybrid: *P. deltoides x p. nigra*: 100' upright and rapid growing tree. This tree is great for wet areas and windbreaks.

SASSAFRAS: *Sassafras albidum*: 30-60' aromatic tree or thicket-forming shrub. The fruit is shiny bluish-black berry that is devoured by birds. The leaf color ranges from green to yellow in the summer, to deep orange, scarlet and then purple in the fall. Sassafras grows in moist, particularly sandy soils in the sun, however light shade is preferred.

TULIP TREE: *Liriodendron tulipifera*: 70-90' fast growing tree, May-June with greenish-yellowish petals. Full sun, well-drained loam.

WALNUT Black: *Juglans nigra*: 50' high and wide. Well-formed trunk devoid of low branches. Prefers moist soils but will tolerate drier conditions. Highly prized as a wood product.

DECIDUOUS SHRUBS:

BURNING BUSH: *Euonymus alatus*: 15-20' broad and mounded shrub. Dark green leaf turning brilliant red in fall. Very adaptable plant. Tolerates most soils. Should be pruned heavily in spring.

BUTTERFLY BUSH: *Buddleia davidi*: 5-12' multi-stemmed shrub. Fragrant flowers July through fall. Attracts butterflies. Tolerates most soils. Should be pruned heavily in spring. When purchasing this plant you are getting a viable root and the growth will start at the bottom.

CHERRY Sand: *Prunus besseyi*: 4-6' high and wide shrub. It has attractive gray, green leaves, showy white flowers, and a sweet black fruit in the summer. Sand Cherry tolerates hot, dry conditions.

DOGWOOD Red Osier: *Cornus stolonifera*: 7-9' slender, upright shrub. Red stem, white drupe fruit mid-August. Best in wet or swampy conditions. Great structure for holding soil on sloped areas.

DOGWOOD Silky: *Cornus anomum*: 6-10' red, multi-stemmed shrub. White/purplish drupe fruit in August. Thrives in moist and wet soils. Favorite for attracting birds.

ELDERBERRY: *Sambucus Canadensis*: 5-12' multi-stemmed shrub. In mid-June it has white flowers and in mid-August it has purple fruit. Elderberry tolerates soils and roadside conditions. When purchasing this plant you are getting a viable root and the growth will start at the bottom.

FORSYTHIA: *Forsythia x intermedia*: 8-10' upright and wide shrub. Yellow flowers in April for 2-3 weeks. Prefers loose soil, does well in any type. Full sun needed for maximum flower.

JUNEBERRY: *Amelanchier alnifolia*: 6-20' erect suckering multi-stemmed shrub. White flowers produced in April with fruit ripening in June, enjoyed by various birds. Thrives in moist well-drained, acid soils. Full sun to partial shade.

LILAC Common: *Syringa vulgaris*: 8-12' leggy, upright shrub. Fragrant flowers mid-May.

CHOKEBERRY Red: *Aronia arbutifolia*: Multi-stemmed with suckers; stems are upright; overall shape of the shrub is oval. Clusters of small, white flowers in mid-spring; small, round bright red fruit in late summer and autumn; autumn color is red to reddish-purple. Full sun to partial shade; tolerates both wet and dry sites; prefers acid soil.

SPICEBUSH: *Lindera benzoin*: 6-17' high shrub with similar spread, producing flowers March-April. A tea can be made from the leaves and twigs. This shrub grows best in well-drained, moist soils in full sun or 1/2 shade.

WILLOW STREAM-CO: *Salix stream-co*: 8-10' round dense shrub. Great for wet areas. Used to stabilize stream banks and making baskets.

WITCH-HAZEL: *Hamamelis virginiana*: 20-30' wide spreading shrub. Yellow fragrant flowers last in to late October. This native plant will grow in wet shady areas as well as in the open sun.

DECIDUOUS FRUIT SHRUBS:

BLUEBERRY Highbush: *Vaccinium*: **Blue crop:** Upright hardy and drought resistant bush. Large firm aromatic berry; **Jersey/mid:** vigorous erect bush. Medium size, firm, sweet berry.

BLACKBERRY: *Rubus darrow*: This plant produces large black fruit that is firm, fleshy, and sweet. Blackberry will produce over a long period of time. It is a very hardy and heavy producer. The root systems of this plant have great soil holding capacity.

CURRANT Red Lake: *Ribes rubrum*: is a very productive, semi-erect vigorous grower that produces clusters of large bright red berries borne on 2-3 year old wood. Red lake is a glossy green leafed plant suitable for hedging. Fruits can be used for jams and jellies. The bushes are highly ornamental and provide visual appeal, take up a relatively small growing area, and provide plenty of fruit for eating fresh or making into preserves and pies. Currants are very high in vitamin C and cancer preventative antioxidants. They tolerate partial shade and prefer a cool, moist growing area. Northern slopes with protection from direct sun are ideal. Planting along the side of a building or shady arbor is suitable as well. Avoid sites with poor air circulation, which increases the incidence of powdery mildew. Rich, well drained soils that have a high moisture holding capacity are best. Incorporate organic matter (compost, peat, or manure) to improve the soil, particularly if it is somewhat sandy. Prune currant plant when the plants are dormant in late winter or early spring.

RASPBERRY RED: *Rubus latham*: 3-5' Dark Green Foliage on an upright bush, producing bright berries. Bloom time late spring, fruit begins to ripen in mid summer. Full sun required.

GOOSEBERRY Pixwell: *Ribes Saxifragaceae*: Nearly thornless, vigorous and produces large amounts of high quality berries. Berries are green, then turn pink with whitish stripes. The name "picks well" comes from fruit that hangs on stems below branches that are easily reached.

GROUNDCOVERS:

DAYLILY: *Hermerocallis*: Sunset – 36" high perennial, flower, orange with a yellow-gold throat. Highly adaptable plant thriving in most soil conditions and will tolerate light shade. Drought resistant, almost disease free. Extensive root systems make this an excellent soil erosion plant.

GRASS FOUNTAIN: *Pennisetum*: 1-3' upright-open, mound forming plant. Does well as a transition grass between formal and natural areas. Flowers July through fall color changing from a whitish purple to coppery purple that persists into winter. Prefers full sun to very light shade. Does well in any fertile, moist wet or well-drained soil. Great for erosion control.

HOSTA: *Fortunei-Hyacinthina*: 22" high, spreading plant. It has a blue-green leaf color, and a funnel-shaped, lavender flower that appears in July. Hosta will tolerate sun, and grows best in well-drained soils. This plant has an extensive root system, which makes it excellent for erosion control. It is also disease resistant.

MYRTLE: *Vinca minor*: 1' evergreen vine. Grows almost anywhere, ranging from deep shade to dull sun in dry to moist soil types. Green foliage is enhanced in May by a purple bloom.

PACHYSANDRA: *Pachysandra terminalis*: 1' trailing evergreen. Spikes of snowy flowers in bloom in April. At it's best in shade and acid soil. Good cover under trees and shrubs.

CONSERVATION TREE PACS:

BUTTERFLY PAC: Ninebark, Butterfly Bush, Black Cherry, Lilac, Sun Set Daylily

NATIVE FLOWERING PAC: Am. Mountainash, Spicebush, Am Cranberry, Red Chokeberry, White Flowering Dogwood

SONG BIRD PAC: American Cranberry, Am Bittersweet, Elderberry, Sassafras, Witch-Hazel

FAST GROWING SHADE PAC: Tag Alder, Thornless Honey Locust, Basswood, Silver Maple, Tulip Tree

FERN PAC: Christmas, Cinnamon, Maidenhair, New York, Ostrich

WILDFLOWER PAC: Blazing Star, Bluebells, Black-Eyed Susan, Solomon's Seal False, Red Trillium

PERENNIAL FLOWER PAC: Alice in Wonderland & Christmas Daylily, Blue King & Snow Queen Iris, Autumn Joy Sedum

POND HABITAT PAC: Red Osier Dogwood, Buttonbush, Ninebark, Pussy Willow, Tag Alder

FRUIT TREE PAC: Bartlett Pear, Bing Cherry

APPLE TREE PAC: Cortland, McIntosh

**** Nursery reserves the right to substitute any of the above with a replacement if needed.**

WILDFLOWER SEEDS:

Original – A balanced blend of Perennial and Annual species designed to perform in a wide variety of growing conditions with a full spectrum of color and bloom times.

Sunny – This mix lends itself to full sun, drier conditions, still with a full spectrum of color. Perfect for the low maintenance areas in the landscape plan.

Shady – Designed for lower light conditions but will perform in full sun also. Will not tolerate dense shade but does well with dappled or part day sun exposure.

Bird & Butterfly – The flowers in this blend attract Hummingbirds and Butterflies all summer long. The heavy reseeding annuals act as a natural food source for songbirds all winter.

Enviro-Friendly – A balanced blend of flowering herbs and wildflower varieties that is designed to attract beneficial insects and desirable birds. Also contains species, which will help deter many garden pests. Great for garden borders or as a stand-alone planting.

Monarch Waystation Seed Kit – Each kit includes twelve (12) seed packs, including six (6) milkweeds and six (6) additional nectar plants. Please note the actual species included in each kit may vary due to seed availability. Included are butterfly Weed, Showy Weed, Common Milkweed, Swamp Milkweed (*Asclepias incarnate subsp. Incarnate*), Swamp Milkweed (*Asclepias incarnate subsp. Pulchra*), Tropical Milkweed, Swan Plant, Purple Milkweed, Cosmos Dwarf Sensation Mix, Joe Pye Weed, Floss Flower, Purple Coneflower, Tithonia Torch, Verbena

Regional Envirothon – this is a high school competition that is free to all students, they compete in 5 different categories: soils, aquatics, forestry, wildlife and a current issue, the winning team from each county goes on to a state wide event and then the state winner goes on to the Canon Envirothon. Students can win college scholarships and products for their school at the Canon level. This year's state event will be held at Keuka College, Penn Yan, NY.