

2011 TREE & SHRUB SALE

PLANT A TREE FOR ARBOR DAY!

Return your order promptly because the supply is limited. Orders will be filled on first-come basis. **No orders will be honored after Thursday, March 31, 2011. Leftover inventory may be purchased on pickup day only. Pickup date is Friday, April 17, 2010; time 2:00 PM to 6:00 PM at the *Chenango County Fairgrounds on East Main Street in Norwich.***

INCLUDE FULL PAYMENT WITH YOUR ORDER. PAYABLE TO: CCSWCD

- No orders will be shipped. The District is not responsible for orders not picked up or for the success or failure of your plantings.
- The District reserves the right to refund payment if products are unavailable.
- All trees are bare rootstock. See enclosed descriptions. Planting and handling instructions will be provided for you when you pick up your order.
- A reminder postcard will be sent to you on or about April 5, 2010.

CALL 607-334-8634, EXT. 101 with questions regarding the tree and shrub sale.

PLEASE NOTE: All trees and shrubs are to be used for effective conservation practices such as windbreaks, soil erosion, and/or wildlife habitat creation. This sale is not intended to provide items to be planted for ornamental purposes and all trees and shrubs will not be removed with roots attached for sale.

EVERGREENS (CONIFERS):

- **CEDAR, WHITE:** An evergreen with scale like needles. Young shoots are ½” long and pointed. Branches are flattened and scale-like. Foliage has spicy fragrance when crushed. It grows on a wide variety of soils.
- **FIR, BALSAM:** Native to NY & Canada. Needles are ¾ to 1 ½” long, dark and shiny green above. Unlike spruces, its cones grow upright. It prefers well-drained soil and north and east slopes. It is widely used as Christmas trees and an ornamental. It is susceptible to late spring frosts, avoid dry sites.
- **FIR, CONCOLOR:** Also known as white fir. Flexible silvery blue-green needles 2-3” long. Needs deep, well-drained soil. Excellent Christmas tree with good needle retention.
- **FIR, DOUGLAS:** These trees require a well-drained soil, without shallow bedrock or an impervious hardpan. Prefer north and east slopes. Needles are ¾ to 1 ½” long, yellow-green or blue-green in color and protrude from all sides of the branch. Can attain heights of 50’. A highly valued Christmas tree or used in windbreaks. DO NOT PLANT IN CLOSE PROXIMITY TO BLUE SPRUCE.
- **FIR, FRASER:** Needles are ½ to 1” long, dark green above and silvery white beneath, and crowded on the upper side of the twig. This is an excellent Christmas tree. A fast growing tree when young, with full growth to a height of 30-40’. Likes well-drained, cool and moist soil. Prefers north and east slopes. May not survive severe drought conditions.
- **HEMLOCK, CANADIAN:** 50-75’ Moderate growth rate; sandy, loam soil; full sun or full shade; adaptable to wide range of soil moisture.
- **LARCH, AMERICAN:** 30-65’ Grows in most soils including clay and limestone. Does best in moist, but well drained soils. Fast grower. Wildlife: grouse will eat the buds, seeds, and needles.
- **PINE, AUSTRIAN:** A very hardy tree that withstands city conditions better than many other pines. It is tolerant of most soils and if it has adequate moisture will succeed in fairly heavy clay and alkaline soils. Has a lustrous dark green color while the bark is dark brown with gray-brown mottled ridges. Expected 20-yr height would be 35-50’.
- **PINE, SCOTCH:** Grows under wide range of drainage conditions, although best growth is made in deep, well-drained sandy soils. Requires full sunlight and will soon die if overtopped by fast-growing hardwoods. Needles are in clusters and are 2 ½ to 3” long, slightly twisted and sharply pointed. At full growth measures 60-90’ tall. Used for boarders, windbreaks and Christmas trees but requires a lot of shearing.

- **PINE, WHITE:** Fast growing, very versatile long-needle pine. Limber branches require some shaping but retains needles well. Used for Christmas trees and lumber. Grows well in most soils, will tolerate some shade but does best in full sun.
- **SPRUCE, BLACK HILLS:** 80' large tree, dense & pyramidal. It is a naturally occurring variety of White Spruce. Long stout branches from ground up, denser growth form than species. Root system is shallow, fibrous and wide spreading giving good use for farm windbreaks. Browsed by mammals. Nesting site for birds. Makes a good winter cover.
- **SPRUCE, COLORADO BLUE:** Needles are approximately 1" long and very sharp, bluish-green or whitish in color. Matures to 80-100' in height. It requires a more fertile, well-drained site than white spruce and prefers north and east slopes. A highly valued Christmas tree. DO NOT PLANT IN CLOSE PROXIMITY TO DOUGLAS FIRS.
- **SPRUCE, NORWAY:** Needles are short 1/3 to 3/4" long. Grows well on a variety of soils. However, the first five years of growth are very slow. Rarely used for Christmas trees because the needles drop quickly. Very desirable for use as windbreaks. Height: 80 to 100'.
- **SPRUCE, WHITE:** Needles are 1/3 to 1" long, at first pale bluish and silvery, becoming blue-green. Best choice for wetter soils but grows well on a variety of soils. When open-grown it develops a handsome conical growth, which extends to the ground. Used as Christmas trees and windbreaks.

FRUIT TREES:

APPLE:

- **BRAEBURN:** Medium to large firm fruit, orange-red blush over yellow green, tangy, crisp and juicy. Keeps well and is good for fresh eating and cooking. Ripens in October to November.
- **HONEYCRIP:** Zone 3. crisp, juicy with excellent flavor, rated superior! Keeps in common storage up to 5 months. Fruit is mottled red over yellow. Ripens late September to late October.
- **GOLDEN DELICIOUS:** Zone 4, Best all purpose apple. The fruit is yellow and bears early in the season.
- **MALUS RED DELICIOUS:** Zone 4. Most popular of all red apples. Vigorous tree, heavy fruit production on spurs. Best in full sun location. Ripens late Sept into Oct. Fireblight and rust resistant. Distinctive flavor.
- **MALUS-MCINTOSH:** APPLE (Semi-dwarf), MCINTOSH: Zone 4 A crisp red apple with bright white flesh and refreshing sweet flavor

CHERRY

- **BING:** Zone 5. Old fashioned favorite. Excellent flavor, large dark red heart shaped fruit. Ripens mid-June to July. Best pollinated with Stella, Rainer, Montmorency.
- **RAINER:** Zone 5. Heavy and early bearing, sweet yellow blushed red cherry. Vigorous, heat tolerant tree. Fruit keeps well after harvest. Ripens in July. Needs cross-pollination with Bing, Lambert or Stella.

PLUM

- **EARLY ITALIAN:** Zone 4. Hardy and delicious (fresh, cooked or dried) large, purple skin greenish yellow-fleshed fruit. Self-fertile, cross-pollination with another European variety brings heavier crops.
- **ITALIAN:** Zone 4. This plum-prune tree produces large, dark purple fruit that is good for both canning and drying. It is self-fertile, but cross-pollination with another European plum variety brings heavier crops.

PEACH

- **ELBERTA:** Zone 5 Large, yellow blushed red fruit. Juicy, flavorful freestone flesh. Ripens from late July to mid-September (in cold climates). Good for fresh, canning, freezing and jam. Self-fertile and a good pollinator for other peaches.
- **ELEGANT LADY HAVEN:** Zone 5 to 9, plant in full sun with well-drained soils. The fruit has yellow flesh with a deep red skin. Perfect for tree ripening because it holds well on the tree. Self fertile.

BLACKBERRY

- **BLACKBERRY:** Large black fruit is firm, fleshy and sweet. Produces heavily over long periods of time. Very hardy. The root systems have great soil holding capacity.

BLUEBERRY

- **HIGHBUSH:** Vigorous erect bush. Medium size, firm, sweet berry. Plant in moist, well-drained, acid soil in sun or partial shade.
- **BLUE JAY BLUEBERRY:** Clusters of white flowers in the spring, berries ripen in mid-summer. 5-7' in height plant in acidic, moist soil in full or partial sun.
- **PATRIOT BLUEBERRY:** Early-season. Patriots are hardy and tolerant to wet soils. It grows to about 4 feet with white flowers in the spring, the dark green summer foliage, and the fiery orange fall leaf color. Produces giant, dark blue, and highly flavorful berries. For zones 3–8.

CURRENT,

- **RED LAKE:** 3' shrub – A vigorous, hardy, and productive multi-stemmed clump shrub. Grows best in summer humid, cool regions. Medium to bright red fruit ripen in July.

DECIDUOUS SHRUBS & SMALL TREES:

- **BUTTERFLY BUSH:** 5-12' multi-stemmed shrub. Fragrant flowers bloom July thru fall. Attracts butterflies. Tolerates most soils and hot, dry conditions.
- **BUTTONBUSH:** Zone 5. 3-6' rounded gangling shrub. This native plant is great for wet areas. Has an interesting white flower in late summer. (Pond Habitat Pack)
- **CHOKEBERRY, RED:** Zone 4 – 10' high x 5' wide, spreading multi-stemmed shrub. Bright red fruit throughout the fall, glossy into winter months. Extremely effective border or mass groupings. Highly adaptable to many soil types. Tolerates wet and dry, full or half shade. Watershed, Habitat/Food Wildlife, Shelterbelt
- **CRANBERRY, AMERICAN:** 8-12' multi-stemmed shrub. White flowers in May followed by bright red fruit Sept through February. Fruit can be used in jelly and is great for attracting birds. Environment, Human Food, Habitat/Food Wildlife, Shelterbelt, Native
- **ELDERBERRY:** 5-12' Multi-stemmed shrub. White flowers in mid-June, purple fruit mid-August. Tolerates roadside conditions. Habitat/Food, Shelterbelt, Environmental Forestry, Native
- **FORSYTHIA:** 8-10' upright and wide shrub. Develops yellow flowers in April for 2-3 weeks. Prefers loose soil, but does well in any type. Full sun needed for maximum flowering.
- **LILAC:** 8-12' leggy, upright shrub. Develops fragrant flowers mid-May.
- **NINEBARK:** 5-9' Spreading shrub. May-June it has white flowers and in mid-September it has a red fruit. It has beautiful exfoliating bark. Ninebark tolerates full sun and dry conditions. (Butterfly Pack) (Pond Habitat Pack)
- **REDOSIER DOGWOOD:** Zone 2. 7-9' slender, upright shrub. It has a red stem and white drupe fruit in mid-August. Redosier Dogwood is best in wet or swampy conditions. It is also a great structure for holding soil on sloped areas. (Pond Habitat Pack)
- **SASSAFRAS:** Zone 4. 30'-60' aromatic tree or thicket-forming shrub. The fruit is an elliptical 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. (Song Bird Pack)
- **SERVICEBERRY, SASKATOON:** Will reach 20' at maturity. White flowers with purple fruits in the late spring. The fruit is eaten by several species of song and game birds. Tolerant of moist soil conditions. Prefers acid soil with full sun to partial shade.
- **SPICEBUSH:** 6-17' high shrub with similar spread, producing fragrant yellow-green flowers March-April. A tea can be made from the leaves and twigs, it is also a great plant for attracting wildlife. Spicebush grows best in well-drained, moist soils in full sun or partial shade. It has a fast growth rate.
- **WITCH-HAZEL:** 20-30' wide spreading shrub. Fragrant yellow flowers last into late October. This native plant will grow in wet shady areas as well as in the open sun.

DECIDUOUS TREES:

- **ALDER, BLACK:** Zone 4-7, 25' spread with a mature height of 60'. Grows rapidly in full sun to part shade and prefers moist/wet soils. A great erosion control tree species.
- **BEECH, AMERICAN:** Attractive 60-80' tree with beautiful smooth bark; long-lived and disease resistant. Nuts are edible and an excellent wildlife food. Prefers moist, well-drained soils. (Nut Tree Pack)
- **CHERRY, BLACK:** 50' high, pendulous branched tree. Profuse white flowers in spring, leaf color in fall intense. Fruit good for making wine and jelly. Great food for wildlife.
- **DOGWOOD, WHITE FLOWERING:** Beautiful deciduous under-story tree. Scarlet berries attract a variety of birds. Does well in moist, acidic soils, partial or full shade.
- **FILBERT, AMERICAN:** 8-15' multi-stemmed shrubby tree. PH adaptable but prefers well-drained soils. Full or partial sun. Nuts mature late September. Windbreak-screen; wildlife.
- **LOCUST, THORNLESS HONEY:** To 100', Zone 4. Fast growing, upright spreading habit. Tolerant of a wide range of soil and climatic conditions. Good lawn tree. Seed propagated.
- **MAPLE, RED:** 60' height, with equal to lesser spread. Very tolerant of soils, prefers slightly acid. Strong wood; with fall color range from green to flaming orange. Widely used for wetland plantings.
- **MAPLE, SUGAR:** 50' high, spreading canopy tree. Prefers well-drained soils. Brilliant fall leaf colors and pleasing growth habit. Grows fast & good for wildlife, shade, lumber, and syrup sap.
- **MAPLE, SILVER:** 50-70' high, fast growing upright tree, with strong spreading branches. It matches rugged conditions with growth and durability. Silver Maple is an excellent source of shade. (Fast Growing Shade Pack)
- **MOUNTAIN ASH (American):** Will grow to 30' high and 18' wide. White flowers May to June in dense clusters, later followed by large, dense, showy clusters of bright-red berries. A favorite of songbirds and grouse. Prefers acid soils, not good in drought conditions.
- **OAK, BURR:** A common shade tree in urban areas. Grows quickly on moist soils and is intolerant of flooding during the growing season. Grows in full to partial sun. Many birds and small mammals eat the acorns.
- **OAK, NORTHERN RED:** 80' High. Beautiful rapid growing Oak; stout spreading branches forming a broad round topped head; large leaves turning dark red in fall. Good shade tree. Drought tolerant, wildlife food, native.
- **OAK, PIN:** Grows to 75' transplants easily, successful for urban plantings. Tolerates poor soils and drought conditions.
- **OAK, RED:** 60-70' high. Fast growing, tolerates a variety of soil conditions. Tolerates city conditions. Produces acorns at 2-5 year intervals when mature, wildlife food, fall foliage is reddish to deep red. (Nut Tree Pack)
- **OAK, WHITE:** Grows to 80'. Slow to medium growth rate, large majestic form. Valuable hardwood. A great source of food for wildlife; good fall color, excellent acorn production.
- **SYCAMORE:** 75' high shade tree. Fast growing in well-drained soil. Exfoliating bark. (Pond Habitat Pack)
- **TULIP TREE:** 80' to 100' tall and maintains a fairly narrow oval crown with up to a 40 foot spread. The flowers, which look like tulips, produce a nectar-like fragrance that attracts hummingbirds, cardinals and finches. The tulip tree is fast growing and does well in acidic, moist, well drained soil and full sun.
- **TUPELO/ BLACK GUM:** Mature height 40', a great large shade tree with a medium growth rate. Performs best in full/sun to partial shade and is adaptable to wet or dry soil conditions. Excellent fall color.
- **WALNUT, BLACK:** 50' high and wide. Has a well-formed trunk devoid of low branches. Prefers moist soils but will tolerate drier conditions. Highly prized for its wood.
- **KWANZAN FLOWERING CHERRY:** A hardy cherry with double pink flowers that bloom in April. The Kwanzan Cherry does not bear fruit. Tolerates most soils, prefers well-drained but can survive occasionally wet soils. Has a poor salt tolerance and requires full sun/part shade.

PERENNIAL FLOWER PACK:

DAYLILIES

- **ALICE WONDERLAND (Mid Bloom):** Full sun/part shade. Bright yellow single flower. Propagates by root.
- **CHRISTMAS CAROL (Early-Mid Bloom):** Strong red flowers with yellow highlights. Wet tolerant, attracts hummingbirds, full sun to mostly shady.

IRISES

- **BLUE KING:** 24"-36" in height. Blue violet flowers, full sun, propagates by dividing rhizomes, tubers, corms or bulbs.
- **SNOW QUEEN:** 18-24" in height, full sun to mostly shady areas, white flowers, propagates by dividing rhizomes, tubers, corms or bulbs.

SEDUM

- **AUTUMN JOY:** Zones 3-9. Flowers are massed together, full sun to partial shade in well drained soils. Deer resistant. Good border plants and rock gardens. Attracts butterflies.

GROUNDCOVERS:

- **BITTERSWEET, AMERICAN:** 20' vigorous climbing vine. Yellow-orange fruit collected for dried flower arrangements. Great for poor soils and in full sun. Should be planted in an area by itself as it can overtake surrounding vegetation. (Songbird Pack)
- **FOUNTAIN GRASS:** 1-3' upright open, mound forming plant. This plant does well as a transition grass between formal and natural areas. Fountain Grass flowers, July through the fall, with its color changing from a whitish purple to coppery purple, that will persist into winter. It prefers full sun to very light shade. Fountain grass does well in any fertile, moist wet or well-drained soil. It is also great for erosion control.
- **HOSTA:** 22" high, spreading plant; blue-green leaf color, lavender flowers appear in July. Tolerates sun, prefers well-drained soils. Excellent for erosion control, disease-resistant.
- **MYRTLE:** 1' evergreen vine. Grows almost anywhere, ranging from deep shade to full sun in dry to moist soil types. Green foliage is enhanced in May by a purple bloom.
- **PACHYSANDRA:** Evergreen groundcover for use in borders, under trees and shrubs. Plant 1 foot apart provides dense weed resistant groundcover in 1-2 years. This is one of the most attractive evergreen groundcovers available. Good cover under trees/shrubs.
- **STELLA DE ORO DAYLILY:** 12" blooms from May-July, orange trumpet shaped flower. Forms dense clumps. Full sun to light shade. (Butterfly Pack)
- **BEARBERRY:** Zone 2-6. Grows 6-12" tall and can grow 3-15' wide in a dense mat. An evergreen shrub with red berries that last from fall until the next spring. Has bell shaped white or pink flowers that bloom in April or May. Can tolerate partial shade. Salt tolerant and attracts hummingbirds.

SUPPLIES:

- **MARKING FLAGS:** 30" wire shaft w/plastic flag
- **SLOW RELEASE FERTILIZER TABS:** Timed release 20-10-5 tablets
- **TREE PRO TREE WRAPS:** 48" protector/shelter with netting against deer.

WILDFLOWER SEEDS:

- **ANNUAL OVERSEEDING BLEND:** Designed specifically to brighten mature wildflower plantings, bringing back the range of colors that may be lost as natural selection occurs. This all-annual blend of varieties includes items that bloom quickly, colorfully and profusely. May also be used for new seeding for quick result.
- **BIRD & BUTTERFLY BLEND:** This mix will attract nectar-loving birds and insects. Also contains varieties that produce seed that winter-feeding birds will appreciate.
- **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.
- **OLD GLORY:** A patriotic all-purpose mix. A blend of White Alyssum, Baby's Breath, Blue Flax, Bachelor Button, Red Poppy and Red Fox. Show your spirit!
- **CONSERVATION MIX:** A mix containing 65.93% Fescue Creeping Red, 26.40% Trefoil Empire, and 5.92% Red Top. One 30 lb. bag will cover 1 acre of ground.