

SPRING PLANT SALE

*Saturday May 5th
9 am - 12 pm
59 Waterfront Plaza, Newport, VT*



Please Return Orders by: Friday March 30th



Orleans County Natural Resources Conservation District

ALL PROCEEDS BENEFIT OUR CONSERVATION PROGRAMS:

Nutrient Management Planning - With a USDA grant OC-NRCD staff assist farmers in preparing nutrient management plans. We take soil and manure samples, set yield goals and provide a detailed farm assessment through field surveys, mapping and recommend management to manage erosion.



Best Management Practices Program - USDA funding supports OCNRCD to work with farmers to install small animal and field management conservation practices such as fencing, cover cropping and clean water diversions.

Conservation Field Day - With funding support from local businesses our annual Conservation Field Day hosts students, teachers and professionals to engage youth in activities related to agriculture and land stewardship.

Portable Skidder Bridge Rental - We rent a \$100/month heavy duty skidder bridge to loggers for stream crossings in an effort to reduce channel erosion and stream degradation.

AerWay® Field Aeration Equipment - We have an aerator for rent for \$6/acre. Reduce compaction, increase soil health, crop yields and improve water and nutrient infiltration. Funding is available for rental and associated costs.

Trees for Streams - With a grant from VACD works with landowners to conserve stream frontage and install forested buffers through a VT initiative called *Trees For Streams*.

Lake Shore Buffering - Similar to Trees for Streams, Lake Shore Buffering addresses natural resource concerns such as erosion, runoff, and habitat fragmentation.

To learn more contact Sarah Damsell at 802-334-6090 x7008 or sarah.damsell@vt.nacdnet.net

Fruit Trees and Shrubs

NATIVE FRUIT SHRUBS — 6" large plugs \$12.00 each (bareroot)

Elderberry — *Sambucus nigra* (Samdal) These plants are vigorous, producing long shoots from soil level one growing season and bearing fruit the next. These are removed after bearing and replaced by the current year's growth. Large fruit clusters with good flavor ripen annually in August. Berries have high anthocyanin content..very good for you! Partially self fertile though yields increase with another plant. Zones 3-7



Currant (Pink Champagne) - This is the tastiest currant on the market for fresh eating! Pink Champagne currant is a vigorous upright 5' bush, free of leaf diseases, with a beautiful translucent pink mid season fruit. Pink Champagne is easy to grow 4-5' apart , shade tolerant & bear fruit quickly. Zones 3-7

APPLES - \$22.00 (bareroot)

Liberty (3/8" caliper) — Medium to large apples. Shiny red and green skin with crisp, juicy light yellow flesh. Good for fresh eating, cooking and pies. The most disease resistant apple ever developed, resistant to apple scab, cedar apple rust, fire blight, and powdery mildew. Harvest: Sept – Oct and stores well. Zones 4-7



Honeycrisp (1/2" caliper) — Medium to large apples. Mottled orange to red skin and cream-white crisp flesh. Great for fresh eating, pies, and cider. Exhibits outstanding winter hardiness and is moderately resistant to apple scab. Harvest: Sept to Oct and stores well. Zones 3-6

Cortland (1/2" caliper) — Cortland is a large ruby red apple that won't brown. Apples ripen in mid-September and are great for pies, cider and eating. This self-pollinating is a great option because it is reliable and bears heavy crops each season. The apple is crisp, tart and sweetly perfumed. It does not require a pollinator and will grow between 16-24' tall. Zones 4-6

McIntosh (1/2" caliper) — The McIntosh apple is a heavy producer that will give you apples in mid-September. The apples are medium to large, bright red with a little green or yellow. They have a mildly tart taste and they are great for apple sauce, cider and baking. It will grow to about 25' tall and wide. While this tree does not require a pollinator, but it will do better with one. Zones 4-6.

RASPBERRIES - \$5.00 each (bareroot crowns)

Killarney — A very winter hardy variety, developed in Canada. It is known for its bright red color and beautiful aroma. It is an early-mid season variety with sturdy upright-growing canes, medium sized. Zones 3-7.

Nova — A great hardy variety, developed in Nova Scotia. A summer bearing raspberry, tolerant of the heat and produces large yields. Berries are firm, bright-red, medium to large in size, and have good shelf life. Canes are vigorous, growing upright with light spines. Zones 3-8.



BLUEBERRIES - \$12.00 each 14" *Require cross pollination, plant 2 varieties for best fruiting results (bareroot)

Patriot — An early variety by the University of Maine, where growing seasons are short and winter hardiness is a must. This variety is vigorous and grows upright to a height of 4 to 6 feet. Patriot adapts to many different soil types and performs better in heavier soil than other varieties. The fruit is large with good flavor. Zones 3-8.

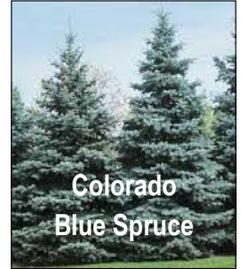
Northland - A variety developed by Michigan State University, has excellent winter hardiness. It has produced a consistent crop following winter temperatures as low as -30F. The medium-size berries are very flavorful - similar to wild blueberries. Grows to 4 feet with attractive foliage throughout the fall. Zones 3-7.



Trees and Shrubs

EVERGREENS - \$6.00 each (bareroot)

Blue Spruce - *Picea pungens* 12-18" The Blue Spruce is the most sought after evergreen of all. It can grow up to 100 feet, and has a brilliant blue-green color and stately pyramidal shape that is used in parks, gardens, and as a living screen. The Blue Spruce is also a very popular selling Christmas tree. Zones 3-7



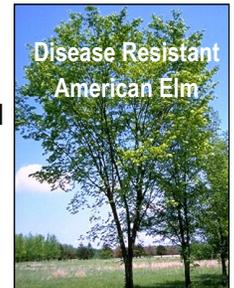
Northern White Cedar or American arborvitae – *Thuja occidentalis* 12-18" A beautiful tree that can be managed as a hedge, may reach heights up to 50 feet. Foliage is dark green to yellow and aromatic. Valued for its uses as a landscape tree as well as its value for timber and wood products. Zones 2-7

Balsam Fir – *Abies balsamea* 12-18" Widely used as a Christmas tree, this native fir may reach heights up to 70 feet. Foliage is dark green and aromatic. Balsam fir prefers cold climates, well-drained, acidic soil and is valued as a wildlife food source. Zones 3-7

Tamarack (Larch) - *Larix laricina* 3'-4' This native deciduous evergreen is a fast grower, planted as an ornamental for its beautiful needles that turn golden before dropping off in the fall. Shade & cold tolerant, likes moist well-drained soils. Grows 40-80'. Zones 2-5

DISEASE RESISTANT TREES - \$28.00 each (bareroot)

American Elm – *Ulmus americana* 'Valley Forge' (5 ft) Selected after 20 years of testing by the U.S. National Arboretum, 'Valley Forge' has been proven to be highly resistant to Dutch elm disease. Possesses the classic American elm tree shape, transplants easily, is fast growing and exhibits tolerance to salts, drought, poor soil conditions and air pollution. A great opportunity to plant an old American favorite. Grows 60-70' Zones 4-9

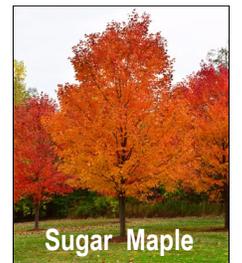


DECIDUOUS TREES AND SHRUBS - \$6.00 each (bareroot)

Common Lilac - *Syringa vulgaris* 24-36" Grows 6-32' tall. Aromatic purple flowers are produced in spring. Lilacs produce fragrant flowers in shades of lavender, deep purple and white that bloom primarily in May. Lilac bushes can live for hundreds of years. Spreading firewood ash around the drip line of the bush can help produce bigger and better blooms. Zones 3-7



Sugar Maple (Hard maple) – *Acer saccharum* 24-36" Grows to 50' tall. Prefers well-drained soils. Brilliant fall leaf colors and pleasing growth habit. Zones 3-8



Red Maple (Soft maple) – *Acer rubrum* 36-48" Grows to 60' tall. Valued for firewood, sap for maple syrup, and its radiant bright red fall leaf color. Its sap has a slightly lower sugar content than sugar maple, however it will excel in wet soils where sugar maple will not. Zones 3-9

Silver Maple – *Acer saccharinum* 24-36" Grows to 70' tall, with strong spreading branches. Grows naturally along streams and rivers, matching rugged conditions with growth and durability. It can be used for producing maple sap in wet river-side areas, although it has a lower sugar content than sugar and red maples. It is also valued for its great shade producing canopy and beautiful yellow fall foliage. Zones 5-9

Black Walnut - *Juglans nigra* 36-48" Grows to 70' tall. Valued for its fine straight-grained wood and large nuts that ripen between Sept and Oct, and are consumed by wildlife and humans. Produces some seed when 4 to 6 years old. Zones 2-7



Red Oak *Quercus rubra* 12-24" Grows 50-70'. Bristle-tipped leaves turn red in autumn. The brown acorn is round, almost 1 inch long, with a flat, thick, saucer like cap and grows singularly or in pairs. The red oak is a favorite among lumbermen, landscapers and wildlife. Zone 4-7

Find more plants on back cover!! →→

Native Wetland Plants

WETLAND BEAUTIFICATION SHRUBS — \$7.00 each (bareroot)

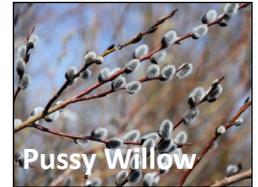
Add ecological value and beauty to the moist areas on your property! These native species thrive in moist to wet soils. Wetlands are vital to our ecosystem, providing services such as flood protection, water filtration, wildlife habitat and carbon sequestration among many others.

Pussy Willow – *Salix discolor* 24-36” Grows to 20’ tall tree. Prefers moist, well-drained soils. Flowers are soft, silvery catkins used for table decorations, borne in early spring before leaves appear. Zones 4-8

Witch-hazel – *Hamamelis virginiana* 36-48” Grows to 25’ tall. Hardy & slow-growing small tree, prized for fragrant leaves & twigs, yellow flowers and fall foliage. Leaves are oval, and wavy toothed. Grows in sun or partial shade, prefers in moist soil. Fruit appears in a small capsule and is eaten by ruffed grouse. Zones 3-8

Winterberry – *Ilex verticillata* 12-24” Grows to 3-10’ tall. Female plants produce scarlet red to orange, globular fruit that mature by late summer, often remaining on the plant into mid-winter. Prized ornamental often used for Christmas decorations. Prefers moist to wet soils. Male and female plants are needed to produce berries, **plant in pairs for best results**. Zones 3-9

Black Chokeberry – *Aronia melanocarpa* Very ornamental shrub growing to 8’ with flowery blossoms and colorful, edible fruit. Prefers wet soils and full sunlight. Fruit is held into winter, and can be canned or made into healthy fruit drinks. Zones 4-9.



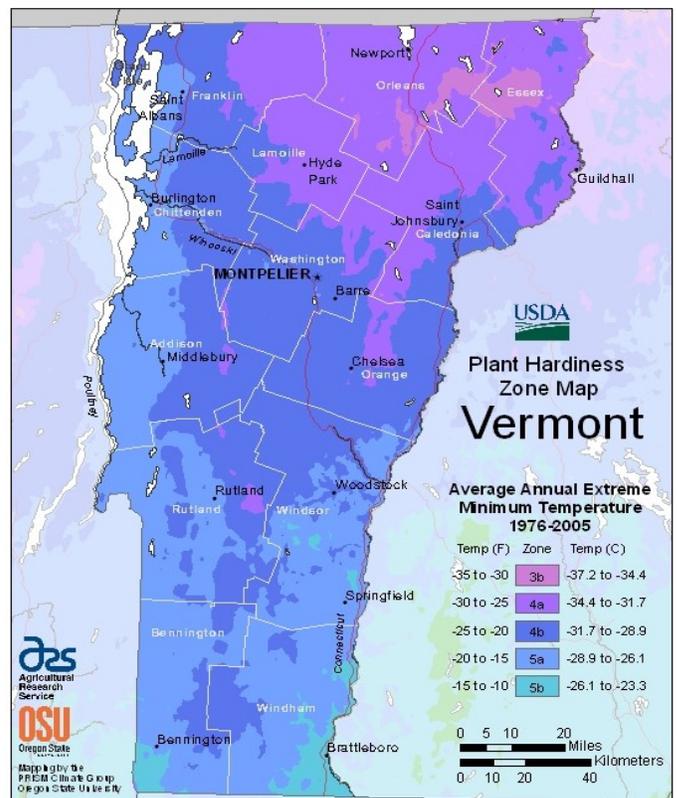
All orders must be picked up on the day of the plant sale:

Saturday May 5th 2018, 9 am to noon

**In front of the Newport USDA Office
59 Waterfront Plaza, Newport, VT
(next to Hoagies)**

The 2012 USDA Plant Hardiness Zone Map is the standard by which gardeners can determine which plants are most likely to thrive at a location. The map is based on the average annual minimum winter temperature, divided into 10-degree F zones.

**Please Return Orders by
Friday March 30th**



VISIT OUR WEBSITE!

www.vacd.org/conservation-districts/orleans-county

SPRING PLANT SALE ORDER FORM

Orders must be submitted by March 30th

Supplies are limited! Requests will be processed in the order they are received.

Name (Please print): _____

Address: _____

Phone: _____ Email: _____

| PLANT | PRICE | QUANTITY | TOTAL |
|-----------------------------|--------------|----------|-------|
| Elderberry | \$12.00 | | |
| Current — Pink Champagne | \$12.00 | | |
| Apple — Liberty | \$22.00 | | |
| Apple — Honeycrisp | \$22.00 | | |
| Apple — Cortland | \$22.00 | | |
| Apple — McIntosh | \$22.00 | | |
| Raspberry — Killarney | \$5.00 | | |
| Raspberry — Nova | \$5.00 | | |
| Blueberry - Patriot | \$24.00/pair | | |
| Blueberry - Northland | \$24.00/pair | | |
| Blue Spruce | \$6.00 | | |
| White Cedar | \$6.00 | | |
| Balsam Fir | \$6.00 | | |
| Tamarack | \$6.00 | | |
| American Elm "Valley Forge" | \$28.00 | | |
| Common Lilac | \$6.00 | | |
| Sugar Maple (hard maple) | \$6.00 | | |
| Red Maple (soft maple) | \$6.00 | | |
| Silver Maple | \$6.00 | | |
| Black Walnut | \$6.00 | | |
| Red Oak | \$6.00 | | |
| Pussy Willow | \$7.00 | | |
| Witch Hazel | \$7.00 | | |
| Winterberry | \$7.00 | | |
| Black Chokeberry | \$12.00 | | |

TOTAL = \$ _____

DONATION = \$ _____

Please consider supporting our mission and programs by donating to the Orleans County NRCD. Thank you for your support!

Please make checks payable to: Orleans County NRCD.

Mail check and order form to:

OCNRCD, 59 Waterfront Plaza, Newport, VT 05855

GRAND TOTAL = \$ _____

NOTE: All plant roots are treated with Terra-Sorb®, a non-toxic gel used to keep roots moist during transport and planting. This improves survival by improving water absorption and protecting plants in heat-stressed and drought-prone situations. This product is not approved for certified organic operations.

Please check this box if you DO NOT want the trees you ordered treated with Terra-Sorb® Hydrogel

Birdhouse Order Form

George Buzzell Scholarship Fund



This year the Orleans County NRCD is please to partner with the George Buzzell Scholarship Fund to raise money to support students who reside in Orleans County interested in pursuing secondary

education in the natural resources management-related field. To date, the fund has awarded seven scholarships to students from Orleans County. The George Buzzell Scholarship Fund was established in 2013 in honor of the late Orleans County Forester of 44 years.

Why should I install a birdhouse?

While some birds build nests on tree branches, in dense shrubs or even in the eaves of our house, others seek small enclosures. These small cavities are often created by woodpeckers and then used by other species called "cavity nesters". The challenges is that many of our forests lack enough cavities to go around, and thus providing additional suitable nesting areas helps our feathered friends. Below are examples of the types of cavity nesters that might use a birdhouse:

- Bluebird
- Chickadee
- Winter wren
- Nuthatches

Our birdhouses

Birdhouses are made possible through the George Buzzell Scholarship Committee, hand built by materials and time donated by Allen Yale of Derby. For more details on the George Buzzell Scholarship please contact Colleen Goodridge, PO Box 515, Albany, VT 05820 or wcedar@sover.net



Each birdhouse measures approximately 6" by 6". The roof is 7" by 7" with a 15 degree slope. The height of each box is 12" with a 1 1/4" opening for birds to enter. Birdhouses will come unfinished, allowing you to stain or paint them.

Name: _____

Address: _____

Phone: _____

Email: _____

Number of bird houses: _____ x \$20*/box = \$ _____ Total

**Suggested donation price*

Please make checks out to Orleans County NRCD



All proceeds from the purchase of bird houses go directly to support the George Buzzell Memorial Scholarship Fund. Each bird house is provided at a suggested donation of \$20 per bird house. The image to the left is an example of the design used, see above for specific dimensions.