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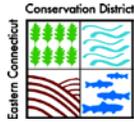
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ECCD OUTLOOK

A publication of the Eastern Connecticut Conservation District

Winter 2014-2015 Edition

Best Wishes to Retiring Board Member Norma O'Leary!



Norma O'Leary and ECCD Board Chair Bill Jorsz

After decades of sharing her conservation and agricultural knowledge and quiet leadership with the Eastern Connecticut Conservation District, Norma O'Leary has recently retired from ECCD and is moving onward - full steam ahead - raising funds to develop a town playground in her hometown of Thompson.

In addition to Norma's service to ECCD, she has been a dynamic leader, not only in eastern Connecticut, but throughout the state. Norma has served as ECCD's representative on the CT Council on Soil and Water Conservation, the CT Association of Conservation Districts and the Eastern CT Resource

Conservation and Development Area, Inc. Originally serving on the Board of Directors of the Windham County Soil & Water Conservation District, Norma continued her volunteer service when the State consolidated its eight Conservation Districts into five back in 2003. The merger of Windham County and New London County Districts then became the Eastern CT Conservation District.

Norma has served in a wide array of capacities! Retiring as Vice Chair, she has also held the positions of Board Chair, Nominating Committee Chair, worked on the Personnel Committee, hosted events and served as mentor to so many, including women in agriculture. On behalf of all the conservation community, we would like to wish Norma the very best in all her future endeavors. ECCD will strive to uphold the level of excellence you inspired in us.

Big Efforts in the Little River Watershed A Priority for ECCD and the National Water Quality Initiative

The USDA Natural Resources Conservation Service (NRCS) recently released its Request For Proposals for funding opportunities through their National Water Quality Initiative, working with 174 small watersheds across the nation to improve water quality, including the Little River watershed in eastern Connecticut. State Conservationist for NRCS, Lisa Coverdale, explains in the release that, "This initiative is a focused approach in areas facing significant natural resource challenges. It bolsters the positive results of landscape conservation initiatives NRCS and its partners already have underway." The Eastern Connecticut Conservation District (ECCD) has been very active within the Little River and its tributaries, as a priority watershed, for many years, and has several conservation initiatives underway.

Led by Marc Cohen of the Atlantic States Rural Water & Wastewater Association, ECCD participated in meetings during the Little River Source Water Protection Project. As a source of drinking water for the Town of Putnam, protection of the Little River watershed has been a high priority for ECCD and our efforts will continue into the future.

Continued on page 10

Signs of the Time

The Eastern CT Conservation District incorporates an education and outreach component into every project we conduct. This important component helps ECCD to inform the public of all benefits incorporated into the project. Recently, ECCD has developed interpretive panels for completed projects such as the Small Farm BMP Demonstration Project located at the UConn Horse Paddock in Storrs, Hallville Fishway in Preston, Riparian Buffer Project at Mago Point in Waterford and Colony Road Tree Filters in East Lyme.

Interpretive panels help demonstrate proper use of Best Management Practices. These panels include a QR (Quick Response) code linking the public to a specific website through their cell phones. This QR code is linked to the district's website where you can see a list of our current projects and outreach programs available in eastern Connecticut.



For additional information you can download any free QR reader app to your smart phone and then scan the QR code below and learn more about ECCD's projects! ECCD intends to take informational displays to the next level.

In order to maximize outreach campaigns in the future, ECCD is currently seeking funding to install kiosks at various locations in eastern Connecticut. In addition to maps or pictures, descriptions and QR codes, a kiosk can include information such as regulations, survey results, data for records and educational games in a computer that can be easily updated.



Source: Wikipedia

A Colonial Favorite!

New Jersey Tea, *Ceanothus americanus*, was used by the North American Indians for upper respiratory infections, and later became popular for making a non-caffeinated tea beverage from its leaves during the Revolutionary War. Today herbalists are utilizing its red roots and root bark for ailments of the lymph system. Available from this year's plant sale, Item #10, New Jersey Tea is the perfect compliment for your circa colonial times home or business, or as a great plant with a wealth of native history!

On a more current note, in 2014 ECCD used New Jersey Tea in a demonstration coastal riparian buffer planting in Waterford, where it was a big hit with the local pollinators. See Item #10 on our order form.

American Hazelnut

Corylus americana

Relive your childhood memories in Connecticut with delicious native hazelnuts grown and picked right in your own yard!

Or, provide a special treat for the native wildlife along your woodland borders, including game and a wonderful variety of birds such as turkeys, northern bobwhites, tufted grouse and pheasants.

Hazelnut is a deciduous shrub that tends to sucker from the roots, in manageable moderation, spreading five to ten feet wide and up to ten feet tall. It makes an excellent border in either full sun or part shade.

The nuts mature September to October and are slightly smaller than the filberts purchased in the stores. Hazelnut is very winter hardy. A good watering an hour before planting is recommended. See Item #11 on our order form.



2015 ECCD ANNUAL SPRING SEEDLING AND PLANT SALE

WHAT: Bareroot seedlings and potted plants, all winter hardy to at least Zone 6, which is our growing area (descriptions and order form follow).

WHEN: **Order deadline:** March 31, 2015 postmark.

Southern area pickup at **Ocean State Job Lot Building, south end, Gales Ferry** (space donated by Ocean State Job Lot): 1:00 p.m. to 6:00 p.m. on Friday, April 17th; and at 9:00 a.m. to noon on Saturday, April 18th.

Northern area pickup at **Brooklyn Fairgrounds, Route 169, Brooklyn** (space donated by the Windham County Agricultural Society): 1:00 p.m. to 6:00 p.m. on Friday, April 24th; and at 9:00 a.m. to noon on Saturday, April 25th.

Please indicate on the order form whether you will be picking up at the Ocean State Job Lot location or the Brooklyn Fairgrounds. This is important since the seedlings and plants for each pickup point are delivered a week apart and are not carried over from one pickup to the other.

HOW: One hundred seedlings of most tree species can fit easily into a grocery sack. Potted plants take up more room. Be prepared to keep the roots of the bareroot plants moist and covered until actual planting. Herbs and perennials should be sheltered until mid-May.

AND: The District cannot be responsible for any orders not picked up by noon on Saturday unless prior arrangements have been made. Sorry, there are no refunds on orders not picked up.

QUESTIONS: Call Kate at 860-887-4163, Extension 400, between 9:00 a.m. and 3:00 p.m.

CODE KEY FOR PLANTS:

**BD—attracts birds, BE—attracts bees, BT—attracts butterflies, D—Deer Resistant
HM—attracts hummingbirds, M—works well in meadow, N—native,
RB—works well as a riparian buffer plant, RG—works well in rain garden**

BAREROOT EVERGREEN SEEDLINGS (In bundles of 25 of each)

- 1. BALSAM FIR:** 12 to 24 inch tall 5-year bareroot seedlings. Needles are 1 inch, excellent fragrance and retention, grows best in cool, moist sheltered locations. Widely used for Christmas trees and ornamentals. **N**
- 2. CONCOLOR FIR:** 8 to 16 inch tall 3-year bareroot seedlings. Soft, silver-blue 2" needles with excellent retention and a citrus aroma. Withstands heat and dryness well, likes well drained soil best. Great for Christmas and for ornamental.
- 3. COLORADO BLUE SPRUCE:** 10 to 16 inch tall 4-year bareroot seedlings. Color ranges from blue-green to silvery blue, superb color, excellent shape, good growth rate. One of the finest for Christmas tree, ornamental and windbreak use. **BD**
- 4. NORWAY SPRUCE:** 8 to 18 inch tall 3-year bareroot seedlings. Fastest growing spruce, short-needed with deep green color. Demand for Christmas tree, ornamental and reforestation. **BD**
- 5. WHITE SPRUCE:** 8-16 inch tall 3-year bareroot seedlings. Very hardy, compact, with short blue-green needles, fast rate of growth, tolerates wide variety of soils. Used for Christmas, ornamentals and windbreaks. **BD**
- 6. WHITE PINE:** 7 to 15 inch tall 3-year bareroot seedlings. Soft blue-green needles 3-5" long, fast growth, excellent needle retention. Desirable for Christmas, ornamentals, reforestation. **N, BD**

TREES & SHRUBS (#1, #2 or #3 "gallon" containers)

- 7. AZALEA, *Azalea viscosum* 'Ribbon Candy':** Dense, slightly taller, bluish-green foliage, blooms mid-late Jun with masses of pink, star shaped flowers with distinctive white stripe that bisects each petal. Fragrant. Full sun to part shade. Moist, well drained soils. Matures to 5-7' tall. (#2) **N, BD, BE, BT, HM**

- 8. BEAUTYBERRY**, *Callicarpa dichotoma*: Shrub with long arching branches with small pink flowers Jun-Aug, becoming clusters of purple berries. Has been used as folk remedy to prevent mosquito bites. Annual pruning helpful. Full sun to part shade. likes medium moisture. Matures 3-6' tall. (#2) **BD**
- 9. TRUMPET VINE**, *Campsis radicans*: Dense, vigorous woody climbing vine, clusters of showy reddish-orange trumpet shaped flowers through summer. Strong support recommended. May take several years to bloom. Full sun (best for flowering) to part shade. Tolerates most soils. Matures to 30-40' tall. (#1) **N,BD,BE, BT,HM**
- 10. NEW JERSEY TEA**, *Ceanothus americanus*: From colonial times. Dense, compact spreading plant, flower stalks from leaf bases early May, fragrant tiny white flowers in late May, easy to grow. Full sun to part shade. Med to dry moisture, drought resistant. Matures to 3-4' tall. (#2) **N,BE,BT,HM,M,RB**
- 11. AMERICAN HAZELNUT**, *Corylus americana*: Strong, multi-stem, dense, producing delicious, human-edible nuts in Sep-Oct. Full sun preferred. Dry to moist, well drained soil, tolerates poor soil. Matures to 10' tall. (#2) **N,BD**
- 12. HONEYSUCKLE**, *Diervilla lonicera* 'Copper': Low bush, emerging leaves of copper, growing to deep green, showy yellow flowers late Jun-early Jul. Capsule-like fruit in fall. Full sun to part shade. Wide range of moist to dry soils, adapts to poor soils. Matures to 2-3' tall. (#2) **N,BD,BE,BT,RB**
- 13. FRANKLINIA**, *Franklinia alatamaha*: Flowering tree of the tea family, *saved from extinction in colonial times*, dark green leaves have ridged texture, 3-5" sweetly fragrant, white blooms in Jul-Aug, with bright orange-red fall foliage. Likes organically rich, med moisture, well drained soils. Full sun to part shade. Matures 10-15' tall. (#3) **N**
- 14. OAK LEAF HYDRANGEA**, *Hydrangea quercifolia* 'Snow Queen': Large, dark green, oak-like leaves, pure white pyramidal panicles of flowers beginning in Jul, fading to pinkish purple, striking red-bronze fall color. Full sun to part shade. Med moisture, well drained soil. Matures to 4-6' tall. **N**
- 15. WINTERBERRY**, *Ilex verticillata*: Dense round plant with deep green foliage, stunning array of red berries that birds adore. Handles moist or wet soil. Sun to part sun. Matures to 8-10' tall. (#3) **N,BD,RG**
- 16. MOUNTAIN LAUREL**, *Kalmia latifolia* 'Pink Charm': Shiny deep green foliage, dense, rounded, strong pink blooms May-Jun. Tolerates shallower, drier soils. Matures 8-10' tall. (#2) **N,BD,BE,RG**
- 17. NORTHERN BAYBERRY**, *Myrica pensylvanica*: Wide, spreading presence, deep green foliage densely held, very aromatic when crushed. Essential oil used in soaps, candles and other household products. Full to part sun. Moist or dry soils. Matures to 5-6' tall. (#1) **N,BD,BE,BT,RG**
- 18. BLACK GUM**, *Nyssa sylvatica*: Dense, shiny shade tree with deep green foliage, turning brilliant red in fall, inconspicuous flowers followed by deep purple berries in late summer. Full sun to part shade. Likes moist soils but tolerates dry. Matures to 30-40' tall. (#3) **N,BD,BE,BT,RB**
- 19. CINQUEFOIL**, *Potentilla fruticosa* 'Gold Finger': Densely formed leaflet foliage with 1" golden yellow buttercup-like flowers from early to late summer. Leaflets covered with silky, silvery hairs. Full sun. Likes moist soils and tolerates rocky areas. Matures to 4' tall. (#2). **N**
- 20. SUMAC**, *Rhus aromatica* 'Gro-Low': Fragrant, non-poisonous ground cover with short spikes of yellow flowers in the spring turning to red fruits, rich orange-red fall foliage. Good for hard to cover areas with poor soils. Full sun to part shade. Tolerates most soils but requires good drainage. Matures to 1-3' tall. (#2). **N,BD,BT, RB**
- 21. PUSSY WILLOW**, *Salix discolor*: Provides flower catkins in spring, often used for cuttings, provides varying food sources for bees, birds, and butterflies, and cover for birds. Tolerates most soils, including moist. Matures to 20-25' tall. (#2) **N,BD,BE,BT,RB,RG**
- 22. ELDERBERRY**, *Sambucus canadensis* 'Adams': Dense, round, deep-green foliage, profuse creamy white flattened heads of flowers in Jun, followed by abundant dark blue/black berries, provides cover and food for birds and butterflies. Matures to 8-10' tall. (#3) **N,BD,BE,BT,RB,RG**
- GRASSES** (#1 or #2 "gallon" containers)
- 23. EVERGOLD VARIEGATED SEDGE**, *Carex morrowii* 'Evergold': Clump forming with green margins and yellow stripe down middle, attractive in containers, useful as ground cover under trees or near water gardens. Part shade to full shade. Like moist, well drained soil. Matures to 12-18" tall. (#1) **RG**

24. NORTHWIND SWITCH, *Panicum virgatum*: Tall, easy to grow, narrow, upright, wide-bladed, dark olive-green foliage with hint of powdery blue, summer stalks with showy, upright flower panicles above foliage. Likes poor, sandy, droughty to moist, well-drained soils. Matures to 5-6' tall. (#1) **N,BD,BT,D,M,RB,RG**

25. FOUNTAIN GRASS, *Pennisetum alopecuroides* 'Hameln': Upright clump, arching, deep green foliage, silvery to pinkish-white wheat-like flowers Aug-Oct, foliage turns orange-bronze in fall, cut back to ground in late winter, good for low spots. Full sun (prefers) to part shade. Average med to wet soils. Matures to 18-30" tall. (#2) **BD,RB,RG**

26. FOUNTAIN GRASS, *Pennisetum orientale* 'Karley Rose': Foliage clumps to 18" with showy, fluffy, pinkish-white flower spikes shooting outward from foliage, blooms Jun-Aug, cut back to ground in late winter. Full sun to part shade. Average, well drained soil. Matures to 2-3' tall. (#2)

27. LITTLE BLUESTEM, *Schizachyrium scoparium* 'The Blues': Loads of slender green foliage in clumps, seed stalks in Aug with purplish-bronze flowers. Outstanding bronze to orange fall foliage color. Full sun. Likes dry or moist soil. Matures to 2-4' tall. (#2) **N,BD,BT,RG**

PERENNIALS (#1 or #2 "gallon" containers)

28. ANISE, *Agastache* 'Nectar Orange': Compact form with citrus scented foliage, budded flower spikes bloom Jul-Sep with peachy-orange blooms. Remove spent flowers to encourage rebloom. Pinch to increase fullness. Excellent cut flower. Full sun. Average to dry soil. Matures 15-18" tall. (#8") **HM**

29. NARROWLEAF BLUESTAR, *Amsonia hubrechtii*: Erect clump with willow-like foliage, blooms Apr-May with powdery blue 1/2" star-like flowers in clusters. Bright green foliage turns gold in fall. Recommend to cut stems back 6" after flowering for good fall form. Full sun to part shade. Average well drained soil. Matures to 2-3'. (#1) **BT,D,RG**

30. SWAMP MILKWEED, *Asclepias incarnata*: Long, lance-like foliage with umbels of small, mauve-pink fragrant flowers from late Jun-Jul. Host plant to Monarch butterflies. Full sun. Moist soil. Matures to 3-4' tall. (#2) **N,BD,BT,D,HM,M,RG**

31. BUTTERFLY WEED, *Asclepias tuberosa*: Low profile, produces umbels of small orange flowers mid-July into Aug. Full sun to part shade. Drier soils. Matures to 18-30" tall. (#1) **N,BD,BE,BT,D,HM,M,RG**

32. ASTER, *Aster novii* 'Purple Dome': Dense dwarf form, blooms Sep-Oct with 2" diameter deep purple, yellow center, daisy-like flowers in gorgeous mounding form. Full sun. Moist soil. Matures to 15-18" tall. (#2) **N,BT,RG**

33. ASTILBE, *Astilbe chinensis* 'Visions': Shorter, more compact mound of bronze-green broad leaves with deep cuts, blooms Jul-Aug with densely packed, tiny, raspberry colored flower panicles, erect to arching. Part shade to full shade. Prefers rich soil, regular moisture. Matures to 12-18". (#1) **RB,RG**

34. CLEMATIS, *Clematis* 'Niobe': Vine producing dark ruby 4-6" blooms Jun-Sep, needs support structure, blooms primarily from current year's stems, recommended to cut back stems hard in late winter, flowers can be cut and floated in bowls. Full sun to part shade. Should be kept moist, well drained soil. Matures to 8-12' tall. (#8")

35. WILD BLEEDING HEART, *Dicentra eximia*: Amazing amount of fragrant, pink-red heart shaped flowers from Apr-Sep. Part shade to full shade. Moist soil. Matures to 12-18" tall. (#1) **N,BT,D,HM,RG**

36. DWARF JOE PYE WEED, *Eupatorium dubium* 'Little Joe': Butterfly magnet! Deep green foliage with big domes of fragrant, long lasting, lavender-pink flowers, blooming Jul-Sep. Looks great in groups. Full sun to part shade; moist areas or around ponds. Matures to 3-4' tall. (#2) **N,BE,BT,M,RG**

37. GENTIANA, *Gentiana* 'True Blue': Sturdy, well branched stems, thin green leaves, bright, upward facing 2" blue flowers up and down stem, blooms Jul-Sep. Full sun to part shade. Avg. soil moisture. Matures to 24-30" tall. (#1)

38. GERANIUM, *Geranium cinereum* 'Ballerina': Compact form, soft pink flowers with dark maroon eyes and veins, spring to summer blooming, can be sheared mid-summer for extra long flowering, good for rock gardens, edging and ground cover. Full sun to part shade. Dry to med moisture, well drained. Matures to 4-6" tall. (#8") **D**

39. FALSE SUNFLOWER, *Heliopsis helianthoides* 'Summer Sun': Stiff stems producing 3" double, golden-yellow flowers with mahogany centers, great for cutting, blooms Jun-Sep, remove spent flowers to extend bloom season. Full sun. Dry to med average soil. Matures to 3-4' tall. (#2) **N,BD,BE,BT,M,RG**

40. SHASTA DAISY, *Leucanthemum x superbum* 'Becky': 2-3" classic white daisy, yellow center, blooming Jul-Sep with deadheading, hardy, durable. Full sun. Average dry to med moist, well-drained soil. Matures to 3' tall. (#1) **BT,D**

41. BEE BALM, *Monarda didyma* 'Jacob Cline': Deep green fragrant foliage, deep scarlet 3" tubular flowers blooming July-Sep, Hummingbird favorite. Likes sun to partial sun and good airflow. Matures to 3-4' tall. (#2) **N,BD,BE,BT,HM,M,RG**

42. POPPY, *Papaver oriental* "Brilliant": Fine, hairy, deep green foliage, fiery 6" scarlet-orange blooms with jet black eye in May-Jun. After blooming, foliage dies away and plant goes dormant for summer. Full sun to part shade. Neutral soil, med moisture that drains well. Matures to 30-36" tall. (#1)

43. PHLOX, *Phlox stolonifera* 'Home Fires': Ground cover producing true pink flowers May-Jun. Part shade to full shade. Moist, well drained, humus enriched soil. Matures to 6-8" tall. (#1)

44. STONECROP, *Sedum spectabilis* 'Autumn Joy': Large, bushy broccoli-like plants with pink flower heads in Aug that turn deep mauve-red by fall, blooms Aug-Oct. Full sun to part shade. Med moist soil. Matures to 12-24" tall. (#2) **BD,BT,D**

45. GOLDENROD, *Solidago rugosa* 'Fireworks': Mounded form, beautiful end of season plant with 12-18" long strings of gold flower Aug-Sep. A favorite of Monarch butterflies. Full sun. Tolerant of dry soils. Matures to 24-30" tall. (#2) **N,BD,BE,BT,D,M,RB**

KITCHEN GARDEN

46. BLUEBERRIES: *Vaccinium corymbosum*: Set of three individually potted plants, grow in full sun with moist, acidic (ideal pH 4.5-4.8), well-drained soil. For cross-pollination, we offer sets of 3 plants-one each of: early, mid and late-season bearing plants. Matures to 4-6' tall. (#1) **BD,BE** Perennial.

47. CHILE PEPPER, *Ancho Poblano*: Mildly hot, tasty, 4" long peppers, maturing from green to red in 65 days, a staple in Mexican cooking [called Poblano when fresh, Ancho when dried]. (#1) Annual.

48. JALAPENO PEPPER, *Pepper* 'Conchos': Smooth, moderate heat in a larger size jalapeno, 2" in diameter, 3-4" long. Ready for picking green at 65 days or red at 90 days. (#1) Annual.

49. RHUBARB, *Rheum* 'Victoria': A classic heirloom vegetable, around since 1837. A superior variety known for its large stems and bright red skin. Used for a wide variety of dishes. (#2) Perennial.

50. SWISS CHARD, *Beta vulgaris* 'Bright Lights': Leafy vegetable with a great mix of bright neon colors, milder than some swiss chards, great in the garden or in a patio container. Pick outer stalks when they reach 20" and allow smaller stalks to mature. Full sun. Matures to 20-24" tall. (#1) Annual.

51. BLACKBERRIES. *Rubus* 'Chester': Thornless, large, very sweet, high quality fruit. Ripens in July. Full sun to part shade. Moist, slight acidic soil. Matures 3-5'. (#2) Perennial.

52. RED RASPBERRIES, *Rubus* 'Jaclyn': Vigorous growing, dark red raspberries with great size, firmness, outstanding taste, producing summer into fall. Full sun. Matures to 4-6' tall. (#1) Perennial.

53. STRAWBERRIES, 'Cavendish': Excellent flavor and overall quality, attractive large fruit, winter hardy, long growing season, good resistance to disease. Sold by bundle of 25 bareroot plants. Perennial.

LANDSCAPING NEEDS

54. BARLEY STRAW: Bales of barley straw now available for controlling your pond algae this spring! For more information on using barley straw to control algae in your pond, we invite you to check out the link on our website at www.ConserveCT.org/eastern.

55. FERTILIZER TABLETS: 1 application fertilizes 2 full years. Use 1-2 tablets for each plant set out. Easy to use, safe, will not harm new trees or shrubs. After holes are dug, place 1-2 tablets in hole under each plant, shrub or tree. Tablets slowly release plant food feeding plants for 2 full years.

56. SOIL ANALYSIS: Performed by UConn Soil Lab: Standard nutrient analysis with limestone and fertilizer recommendations. This analysis is recommended for most lawn and garden samples. Sampling is best done in the fall, but can be done anytime. Kit contains instructions, mailing bag and includes analysis & recommendation.

Eastern Connecticut Conservation District 2015 Annual Plant Sale

Name _____ Phone: Home _____ Work _____

Address _____ Town, ST, Zip _____

_____ I will pick up my order at the **Ocean State Job Lot Complex, Gales Ferry**, on April 17th or 18th
Space generously donated by Ocean State Jobbers, Inc.

_____ I will pick up my order at the **Brooklyn Fairgrounds** on April 24th or 25th
Space generously donated by the Windham County Agricultural Society

Orders due postmarked no later than March 31, 2015.....Pick up at two locations in April
 New London County/Southern Customers may pick up at Ocean State Job Lot Bldg., south end, Gales Ferry, Route 12
 ...on Friday, April 17, 1-6 PM or Saturday, April 18, 9 AM to Noon
 Windham County/Northern Customers may pick up at the Brooklyn Fairgrounds (Fairground Road entrance)
 ...on Friday, April 24, 1-6 PM or Saturday, April 25, 9 AM to Noon

Evergreen Bareroot Seedlings sold by Bundles of 25 SEEDLINGS-per-SPECIES

1-3 Bundles \$27 each 4 or more Bundles \$25 each

- 1. Balsam Fir. Number of Bundles _____
- 2. Concolor Fir. Number of Bundles _____
- 3. Colorado Blue Spruce. Number of Bundles _____
- 4. Norway Spruce. Number of Bundles _____
- 5. White Spruce. Number of Bundles _____
- 6. White Pine. Number of Bundles _____

Total Number of Tree Bundles _____ **x Price per Bundle: \$** _____ **= Seedling Total \$** _____

TREES & SHRUBS			CODES	PRICE	QTY	TOTAL
7.	Azalea	2gal	<i>Azalea viscosum</i> 'Ribbon Candy'	N,BD,BE,BT,HM	\$22	
8.	Beautyberry	2gal	<i>Callicarpa dichotoma</i>	BD	\$19	
9.	Trumpet Vine	1 gal	<i>Campsis radicans</i>	N,BD,BE,BT,HM	\$16	
10.	New Jersey Tea	2gal	<i>Ceanothus americanus</i>	N,BE,BT,D,HM,M,RB	\$22	
11.	American Hazelnut	2gal	<i>Corylus americana</i>	N,BD	\$20	
12.	Honeysuckle	2gal	<i>Diervilla lonicera</i> 'Copper'	N,BD,BE,BT,RB	\$22	
13.	Franklinia	3gal	<i>Franklinia alatamaha</i>	N	\$43	
14.	Oak Leaf Hydrangea	2gal	<i>Hydrangea quercifolia</i> 'Snow Queen'	N	\$22	
15.	Winterberry	3gal	<i>Ilex verticillata</i>	N,BD,RG	\$30	
16.	Mountain Laurel	2gal	<i>Kalmia latifolia</i> 'Pink Charm'	N,BD,BE,RG	\$27	
17.	Northern Bayberry	1gal	<i>Myrica pensylvanica</i>	N,BD,BE,BT,RG	\$14	
18.	Black Gum	3gal	<i>Nyssa sylvatica</i>	N,BD,BE,BT,RB	\$25	
19.	Cinquefoil	2gal	<i>Potentilla fruticosa</i> 'Gold Finger'	N	\$20	
20.	Sumac	2gal	<i>Rhus aromatica</i> 'Gro-Low'	N,BD,BT,RB	\$22	
21.	Pussy Willow	2gal	<i>Salix discolor</i>	N,BD,BE,BT,RB,RG	\$20	
22.	Elderberry	3gal	<i>Sambucus canadensis</i> 'Adams'	N,BD,BE,BT,RB,RG	\$24	
GRASSES						
23.	Variegated Sedge	1gal	<i>Carex morrowii</i> 'Evergold'	RG	\$10	
24.	Northwind Switch	1gal	<i>Panicum virgatum</i> 'Northwind'	N,BD,BT,D,M,RB,RG	\$12	
25.	Fountain Grass	2gal	<i>Pennisetum alopecuroides</i> 'Hameln'	BD,RB,RG	\$14	
26.	Fountain Grass	2gal	<i>Pennisetum orientale</i> 'Karley Rose'		\$14	
27.	Little Bluestem	1gal	<i>Schizachyrium scoparium</i> 'The Blues'	N,BD,BT,RG	\$12	

PERENNIALS				CODES	PRICE	QTY	TOTAL
28.	Anise	8"	<i>Agastache 'Nectar Orange'</i>	HM	\$14		
29.	Narrowleaf Bluestar	1gal	<i>Amsonia hubrectii</i>	BT,D,RG	\$9		
30.	Swamp Milkweed	2gal	<i>Asclepias incarnata</i>	N,BT,D,HM,M,RG	\$13		
31.	Butterfly Weed	1gal	<i>Asclepias tuberosa</i>	N,BD,BE,BT,D,HM,M,RG	\$13		
32.	Aster	2gal	<i>Aster novii 'Purple Dome'</i>	N,BT,RG	\$11		
33.	Astilbe	1gal	<i>Astilbe chinensis 'Visions'</i>	RB,RG	\$8		
34.	Clematis	8"	<i>Clematis 'Niobe'</i>		\$21		
35.	Wild Bleeding Heart	1gal	<i>Dicentra eximia</i>	N,BT,D,HM,RG	\$10		
36.	Dwarf Joe Pye Weed	2gal	<i>Eupatorium dubium 'Little Joe'</i>	N,BE,BT,M,RG	\$13		
37.	Gentiana	1gal	<i>Gentiana 'True Blue'</i>		\$11		
38.	Geranium	8"	<i>Geranium cinereum 'Ballerina'</i>	D	\$13		
39.	False Sunflower	2gal	<i>Heliopsis helianthoides 'Summer Sun'</i>	N,BD,BE,BT,M,RG	\$11		
40.	Shasta Daisy	1gal	<i>Leucanthemum x superbum 'Becky'</i>	BT,D	\$8		
41.	Bee Balm	2gal	<i>Monarda didyma 'Jacob Cline'</i>	N,BD,BE,BT,HM,M,RG	\$13		
42.	Poppy	1gal	<i>Papaver orientale 'Brilliant'</i>		\$10		
43.	Creeping Phlox	1gal	<i>Phlox stolonifera 'Home Fires'</i>		\$8		
44.	Stonecrop	2gal	<i>Sedum spectabilis 'Autumn Joy'</i>	BD,BT,D	\$11		
45.	Goldenrod	2gal	<i>Solidago rugosa 'Fireworks'</i>	N,BD,BE,BT,D,M,RG	\$13		
KITCHEN							
46.	Blueberries (set of 3)	1set	<i>Vaccinium</i> - 1gal ea: early, mid, late	BD,BE	\$35/set		
47.	Chile Pepper	1gal	<i>Pepper Ancho Poblano</i> annual		\$8		
48.	Jalapeno Pepper	1gal	<i>Pepper 'Conchos'</i> annual		\$8		
49.	Rhubarb	2gal	<i>Rheum 'Victoria'</i> annual		\$19		
50.	Swiss Chard	1gal	<i>Beta vulgaris 'Bright Lights'</i> ann.		\$8		
51.	Blackberries	2gal	<i>Rubus 'Chester'</i> perennial		\$20		
52.	Red Raspberries	2gal	<i>Rubus 'Jaclyn'</i> perennial		\$21		
53.	Strawberries	25	'Cavendish'(25/bundle-bareroot) per.	BE,BD	\$8		
54.	Barley Straw	bale			\$30		
55.	Soil Test Kits		Standard Nutrient Analysis - UConn		\$8		
56.	Fertilizer Tabs		Use 1-2 per plant every 2 years	Instructions inc. 10/\$4	25/\$8		

I WOULD LIKE TO VOLUNTEER TO HELP WITH THE PLANT SALE

CODE KEY:

BD...attracts birds	HM...attracts hummingbirds
BE...attracts bees	M....works well in meadows
BT...attracts butterflies	N....native to New England
D...deer resistant*	RG....works well in rain gardens
RB....works well as a riparian buffer plant (*but not always "deer proof" to a hungry deer!)	

Orders filled by the date which they are received - while supplies last.

Orders **must** be postmarked *no later than March 31, 2015*.

Make a copy of completed order form for your records.

NO REFUNDS on orders not picked up on distribution dates.

A reminder card will be mailed 1-2 weeks before pickup.

Page 2 Total \$ _____
Page 1 Total \$ _____
Donation to ECCD (tax deduct.) \$ _____
Total Enclosed \$ _____

Only check or cash accepted.
Please make check payable to, and send with order to:
Eastern Connecticut Conservation District (or ECCD)
238 West Town Street, Norwich, CT 06360

Questions? Call: 860-887-4163 ext. 400
or email: kate.johnson.eccd@comcast.net

For additional information on the ECCD Plant Sale, please visit our website at: www.ConserveCT.org/eastern

Help for Septic System Repairs

ECCD staff, in cooperation with volunteers from The Last Green Valley Water Quality Monitoring Program, have been involved in many pollution Track Down Surveys. The water quality data we obtain helps us to understand where water pollution is coming from. We use this information to write Watershed Based Plans to address those pollution sources. When E. coli bacteria is the problem, and we find too much it in the water downstream of a housing development, then failing septic systems are often a prime suspected source. We recommend better maintenance of these systems and the installation of low flow plumbing fixtures to reduce the stress on them. Sometimes, though, if the systems are old or too close to the water, it becomes necessary to fix or replace them.

In eastern Connecticut, the majority of homes in rural areas are not connected to a sewer system. Their household wastes are managed on-site. Connecticut Public Health Codes have changed since a lot of those systems were installed. The average life span of a well maintained system is about 20 - 30 years. The impacts of not upgrading your system include:

- Backups into your home;
- Surface breakouts that are carried by storm water into local water ways each time it rains.
- Ground water contamination near lakes and ponds that can be a subtle but significant source of water pollution.

Another less considered impact of septic system problems is on the resale value of your home. Government backed mortgage programs require the system to be inspected prior to closing. If it is not code compliant or working correctly, your home may be less marketable and the sale of your home could be delayed until the system is upgraded or replaced. Unfortunately, the cost of upgrading your system is high. However, in many towns there are programs in place to help low and moderate income residents through low or no interest loans to fix or update your septic system. These Small Cities Housing Rehab Grants are currently available in Ashford, Brooklyn, Canterbury, Chaplin, Columbia, Eastford, Franklin, Groton, Hampton, Killingly, Lebanon, Ledyard, Mansfield, North Stonington, Plainfield, Pomfret, Preston, Scotland, Waterford, Windham and Woodstock. Contact your local town hall for more information.

In 2011, ECCD prepared a Watershed Based Plan to address the sources of bacteria that periodically cause CT DEEP to close the swimming area at Mashamoquet Brook State Park. ECCD will be beginning a project soon to work with homeowners in Pomfret that live in certain areas where higher levels of this bacteria have been detected. This program, funded in part by an EPA Clean Water Act grant through the CT DEEP, will provide rebates to homeowners in designated areas to upgrade their plumbing fixtures or complete certain septic system repairs along Mashamoquet, Abington and White Brooks. Contact Jean Pillo at Jean.Pillo@ConserveCT.org for more information. For more information about septic systems and how they work, go to www.epa.gov/septicmart.

2014-15 ANNUAL APPEAL

This year's Annual Appeal is currently under way. We extend our sincere thanks and appreciation to those of you who have already donated. Anyone wishing to donate may do so by sending your tax-deductible donation to:
Eastern Connecticut Conservation District, 238 West Town Street, Norwich, CT 06360.
Your generous donations help to keep our programs going throughout eastern Connecticut!

We are pleased to announce that we are back in the barley straw business with locally grown barley straw. You will find it on our 2015 Plant Sale Order Form. To learn more about using barley straw to control the algae in your pond, visit the link on our website (see page 8).

Gravel, Sand, Loam, Land Clearing

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In 2009, ECCD investigated the watershed and prepared the 2009 Muddy Brook and Little River Water Quality Improvement Plan* from which implementation recommendations for future projects are derived. At the time the plan was published, the Little River watershed included five different impaired segments: two reaches of Muddy Brook, North Running Brook, Roseland Lake and Little River. Various, these segments are impaired by nutrients, bacteria or both, for recreation and aquatic life support.

ECCD has conducted much work in the watershed to reduce the bacteria and nutrients discharging into the impaired segments. In 2008 and 2013, ECCD purchased two pieces of farm equipment (Aerways) to reduce soil compaction, which more effectively incorporates liquefied manure into farm soils.* The equipment is still being shared among multiple farms in Woodstock.

Also in Woodstock, ECCD worked with Elm Farm to install gutters on its barns to redirect roof runoff away from manure-contaminated areas. Additionally, ECCD administered the installation of a silage leachate collection system at Elm Farm.* Silage leachate is highly acidic and toxic to receiving waters. ECCD has started planning for the construction, at Elm Farm, of an Aerated Composting System for dairy mortality and manure. The covered facility will reduce the amount of bacteria and nutrients leaching from the compost into runoff. It is expected that we will be breaking ground late winter or early spring. The composted material will be incorporated into the NRCS nutrient management plan. Elm Farm drains into Muddy Brook, which flows into Roseland Lake.

At Valleyside Farm in Woodstock, ECCD worked in collaboration with NRCS to redesign the corn silage bunkers and direct silage leachate into a manure storage holding tank preventing contamination of North Running Brook*. Subsequently, North Running Brook was removed from the impaired waters list.

To further reduce non-point source pollution from draining into Roseland Lake, ECCD designed and planted a 300 foot riparian buffer along a stream at the Woodstock Golf Course.* Riparian buffers slow down stormwater to facilitate infiltration and reduce contamination of receiving water bodies. Nearby at the Woodstock Historical Society/Woodstock Arboretum, ECCD designed and installed a bioretention rain garden demonstration project. Rain gardens infiltrate stormwater runoff. In this case, the runoff originated from the Woodstock Historical Society parking lot and the building's roof.*

The increased attention focused on the Little River as a result of being named in the National Water Quality Initiative has brought funding and resources to the watershed to address its severe water quality issues. Soon ECCD will commence a study in Roseland Lake* to understand the sources of nutrients that are impacting the lake, which is listed as impaired for recreation caused by nutrients and biological indicators. Protecting Roseland Lake as source water for drinking is an important goal of the project, which has garnered support from Putnam in the form of \$10,000 for the study.

With continued collaboration between ECCD, CT DEEP, local farmers and municipalities, as well as NRCS, successes we have experienced, such as that with North Running Brook, will become more common and all the impaired segments in the Little River watershed will be removed from CT DEEP's 303d impaired waters list, protecting Putnam's source water for future generations.

**Funded by the 319 EPA Clean Water Act through the CT DEEP*

Free Workshops!

The Town of Mansfield is offering a series of five free workshops focused on landscaping techniques that reduce stormwater pressure, pesticide, herbicide and synthetic fertilizer use and support a healthy environment around the house.

ECCD's Watershed Conservation Coordinator, Jean Pillo, will be hosting one of these workshops:
Rain Gardens/Rain Harvesting

Explore the water resources on your property and learn interesting ways to use them. Participants will learn about the benefits of rain barrels and how to create a landscaped rain garden.

Saturday, March 28, 2015 10:00-11:00 a.m. (snow date April 4), Mansfield Town Hall
Pre-register by March 25, 2015

To learn more about these upcoming programs and for pre-registration, please call 860-429-3333 or email: wasltnvd@mansfield.



Left to right are award recipients Gail Miller, Loretta Wrobel, Bob Monahan and Ashley Murray.

ECCD Honor's This Year's Award Recipients at Annual Meeting

The Eastern Connecticut Conservation District held its Annual Meeting at the Lisbon Meadows Community Center on October 8, 2014. Guests enjoyed a buffet-style dinner, a review of the previous year's accomplishments was presented, and this year's award recipients were honored for their volunteer services to the District.

The people and organizations who volunteer their services to support local, municipal and regional conservation play a great role in the beauty and charm of eastern CT. Our thanks to the following, and all those who help to make a difference.

This year's award winners are:

- Don Landers** – *Project Partner Award* – Technical support to Niantic River Watershed Committee
Dominion Resources Services, Inc. – *Project Partner Award* – Support to Niantic River Watershed Committee
Joyce Meader, UConn Extension – *Project Partner Award* – Small Farms Project Support
Bob Monahan – *Lake WQM Data Pirate Award* – Amos Lake Water Quality Monitoring Support
Melvin 'Sandy' Williams – *Lake WQM Data Pirate Award* – Amos Lake Water Quality Monitoring Support
Ashford Conservation Commission - *Town Partner Award* – Mount Hope River Project Support and Water Quality Monitoring Training Support
Gail Miller – *Muddy Boots Award* – Ekonk Brook Support
Rachel Drew – *Watershed Workhorse Award* – Projects Support
Amy Mocarsky – *Watershed Workhorse Award* – Projects Support
Ashley Murray – *Watershed Workhorse Award* – Projects Support
Norma O'Leary – *Model A Volunteer Award* – Leadership in Agriculture and Conservation

Municipal Land-use Commissions!

Need assistance with site plan reviews? ECCD can help. ECCD staff can provide comprehensive reviews of site plans, including erosion and sediment control, and stormwater management plan reviews. For more information, call us at 860-887-4163, extension 400.

Site plan reviews are funded in part through the CT DEEP by US EPA Clean Water Act §319 Nonpoint Source Program grant funds.

Land Owners!

Have a resource concern about your property? ECCD can help. ECCD staff can provide technical assistance on a wide variety of resource concerns, including pond management issues, nutrient management, manure management, and low impact development (LID)/stormwater- related concerns. For more information, call us at 860-887-4163, extension 400.

Technical assistance is funded in part through the CT DEEP by US EPA Clean Water Act §319 Nonpoint Source Program grant funds.

ECCD serves the Towns of Andover, Ashford, Bozrah, Brooklyn, Canterbury, Chaplin, Columbia, East Lyme, Eastford, Franklin, Griswold, Groton, Hampton, Killingly, Lebanon, Ledyard, Lisbon, Mansfield, Montville, New London, North Stonington, Norwich, Plainfield, Pomfret, Preston, Putnam, Scotland, Sprague, Sterling, Stonington, Thompson, Union, Voluntown, Waterford, Windham and Woodstock.



Eastern Connecticut Conservation District, Inc.
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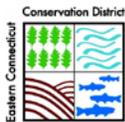
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Like us on Facebook at
 Eastern Connecticut Conservation District
 and receive updates on ECCD activities.

2015 ANNUAL PLANT SALE
The postmark deadline for plant orders is March 31st.
See order form on pages 7 & 8.



Eastern Connecticut Conservation District, Inc.
 A non-profit Natural Resource Conservation Organization

www.ConserveCT.org/eastern

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