Manure Regulations and what they mean to Clermont County

Changes in agriculture have occurred as Ohio and other states try to address water quality issues such as hazardous algae blooms, excess algae and hypoxia in the Gulf of Mexico which are headlining our news outlets. In response, Ohio has set guidelines for spreading manure for high risk areas in the state and have required fertilizer applicator licenses for farmers who apply to 50 or more acres. Senate Bills 190 and 150 are the resulting regulations to fertilizer application for Ohio.

In short, more attention is directed at the agricultural community by the general public and the media. It is up to farmers to become certified and stay informed of the changing laws and regulations regarding their operations. Soil and water districts administer Ohio’s Agricultural Pollution Abatement rules along with Ohio Department of Agriculture which officially became our direct partner January 1st.

Although we are outside the Western Lake Erie Basin (WLEB), where most of these laws are directed, excess nutrients in the form of manure are still regulated throughout the state. Here are guidelines within WLEB that Clermont SWCD recommends to be followed in Clermont County:

- Manure and fertilizer cannot be applied on frozen ground or ground covered in more than one inch of snow or one half inch of ice.
- Manure cannot be surface applied if the forecast for land application area predicts greater than 50% chance of precipitation exceeding .5” for a period of 24 hours at the start of manure application.
- Manure and fertilizer cannot be surface applied when top two inches of soil are saturated from precipitation.
- Fertilizer cannot be surface applied if forecast for land application area contains greater than 50 percent chance of precipitation exceeding 1” for a 12-hour period at the start of manure application.

Exemptions do apply if manure is injected into ground, incorporated within 24 hours of application, applied to a growing crop (cover crops), or consent from ODA in accordance with NRCS 590 standards.

In instances where manure is causing environmental harm, Clermont
Planning for the 2016 Spring Litter Clean-Up is in full swing and communities across Clermont County and the East Fork Little Miami River watershed are preparing to host groups of volunteers on Saturday, April 23rd, to help spruce up our local streams, lakes and parkland areas. Earlier this year, the 2nd annual T-shirt Design Contest kick-started the event planning. Over 85 students submitted designs to be included on the 2016 t-shirt. This year’s winner is Karly Wrigglesworth, a 4th grader at New Richmond Elementary – congratulations, Karly (see back cover)!

The Spring Litter Clean-Up is a combination of two events that have proved successful for more than 20 years in Clermont County - the East Fork River Sweep and Clermont Clean & Green events. This year’s event will be held 9 a.m.-noon on Saturday, April 23rd, in various communities across the county and watershed.

Volunteers are needed! You can register individually, organize a school/scout group, or bring some neighborhood friends to participate in this fun, worthwhile event! Protective gloves and trash bags will be provided. All volunteers will be given a picnic lunch and event t-shirt as a thank you for helping out. You can check event locations and register online at: www.springlittercleanup.com.

We’d like to extend a big thank you to our event/contest sponsors - the Southern Ohio Association of Realtors (SOAR) and the Clermont County Convention and Visitor’s Bureau (CVB).

We hope to see you on April 23rd!
The Clermont SWCD is offering tree and shrub seedlings, as well as a few perennials and herbs at discount prices. This program offers the opportunity for individuals to develop small areas of reforestation, wildlife enhancement, or additions to home landscaping. Most of the seedlings described in this newsletter are from 12 inches to 3 feet tall; see order form for details. Plants will be bare rooted; we dip the plants in a root preservative to help keep the roots from drying out and wrap them in a plastic bag. Most packets will be in a bag about the size of a grocery bag and can easily be placed in your car for pick up. For detailed descriptions and photos, please visit our website at clermontswcd.org

*For Best Livability, Plant Immediately*

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**Monarch Way Station**

Monarch Butterflies are having a hard time; habitat and food sources have been reduced to a critical level due to farming and development practices. Farmers have reduced habitat in order to get the most production out of their fields, and Americans gravitate towards large expanses of green lawns and non-native plantings to landscape their yards. Monarchs need milkweed plants to survive; it is the ONLY species that the Monarch caterpillars feed on.

In order to help the Monarch and other pollinators such as bumblebees, mason bees, solitary bees, flies, beetles, and other butterflies survive, we are encouraging you to plant a Monarch Way Station. This will be an area (ideally 100 sq. feet or larger) planted in annuals, perennials and bushes that feed and provide shelter. Specific information is available on the Monarch Watch website: www.monarchwatch.org

We will be offering two types of milkweed, purple coneflower as a nectar source and various bushes that supply food and habitat for Monarchs as well as other pollinators. Please see symbols by our selections that indicate good plants for pollinators. Other things to consider when planting your Way Station:

- The more sun the better- for both plants and butterflies - 6 hours of sunlight or more will increase the number of blooms and the size of the plants.
- Milkweeds do best in lighter soils - With our clay soils you may want to incorporate compost / organic matter in the top 6” for best results.
- Plant fairly close together - This provides support for the plants and shelter for the butterflies from rain and predators. Please see planting instructions, as planting too close together can result in plant disease and stunted plants.

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**Orders Taken : Until April 8, 2016**

Please call Clermont SWCD for availability after this date!

**Pick Up Date:** April 30 2016, 8:30 AM - 1:00 PM

**Where:** Clermont County Fairgrounds

Please order early to guarantee availability. Thank you!

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We accept cash and checks as well as credit cards through PayPal*.

*To use PayPal, please email your order to: ssteffensen@clermontcountyohio.gov and we will bill you through PayPal; you do not need a Paypal account to pay, just select ‘credit card’ from the choices. Look for an email from PayPal in your inbox for payment directions. Once payment is received, we will send you confirmation. Sorry, we cannot take phone orders.
Native Species; Beautiful hardy evergreen. Color is bluish green. Long soft needles. The fastest growing evergreen we offer. Will tolerate slightly wet areas but does best on drier slopes. Grows to 100 ft. at maturity. Excellent for windbreaks and ornamental use.

Packet B

Norway Spruce

Sun

Prefer sun, partial shade

PICEA ABIES

18-24" bare root

Fast growing 8 to 10 inches a year. Dark green, short needles with drooping branches and upswept tips. Requires good drainage for best growth. Grows to 90 ft. at maturity. Excellent for windbreaks and Christmas trees.

Packet C

Colorado Blue Spruce

Sun

Prefer sun, partial shade

PIECA PUNGENS 'GLAUCUS'

18-24" bare root

The short blue needles and pyramidal shape make this a beautiful specimen tree, or plant in rows for windbreaks. Slow to medium growth rate, with a mature height of 40-60 feet. Provides habitat for siskins and nuthatches.

Packet D

Tulip Poplar

Prefers sun

LIRIODENDRON TULIPIFERA

24-36" bare root

Native Species; Bright yellow fall color and pyramidal shape makes this an attractive shade tree. Fast growing with distinctive tulip shaped leaves. Can reach a height of 90 feet at maturity. Flowers provide nectar for hummingbirds in the spring, and seeds are enjoyed by birds and mammals alike.

Packet E

Thornless Honey Locust

Full Sun

GEDITISIA TRIACANTHOS ‘Glauca’

24” bare root

Native Species; this large, fast growing thicket forming shrub has a mature height of 10-18 feet and is perfect for naturalizing or as a screen or windbreak. Great for riparian borders, as the roots are natural biofilters. Leaves turn orange to red-purple in the fall. American Hazelnut shrubs are used for wildlife plantings and the nuts are prized by cooks throughout Europe and the US. Nuts also known as filberts.

Packet F

Black Gum

Sun or Part Sun

NYSSA SYLVATICA

18-24" bare root

Native Species; A light fragrance, yellow fall color and pest tolerance makes this plant perfect for the shrub border. The Spicebush attracts birds and butterflies and serves as host plant for butterfly larva. Rabbits and deer browse on leaves and twigs. Mature height of 10-20 feet. Spicy yellow to red fruit are a delicacy, as few shrubs set fruit.

Packet G

Flowering Crabapple

Sun

MALUS Hybrid ‘Magenta’

18-24" bare root

Profuse spring flowers, dense foliage, abundant nectar and fruit make it a favorite of humans, honeybees, birds and other wildlife. In the spring, red leaves and pink flowers adorn the tree. Mature height around 30 feet.

Packet H

Eastern Redbud

Prefers partial shade

CERCIS CANADENSIS

18-24" bare root

Native Species; brilliant purple flowers in early spring. Very effective in mass plantings / naturalized settings. Large, dark green heart-shaped leaves turn bright yellow in fall. Northern bobwhite and songbirds eat the seeds and this tree provides nesting sites and cover for both birds and small mammals. Grows to 25 feet.

Packet I

Staghorn Sumac

Partial Shade to full sun

RHUS TYPHINA

24-36" bare root

Native Species; Fast growing and thicket forming, this small suckering tree provides excellent wildlife habitat. 300 species of birds feast on its fruits. Native bees are attracted to its pollen and nectar and staghorn provides nesting materials/structure for them as well. Furthermore, Staghorn Sumac encourages biological control as it attracts predatory or parasitoid insects that prey upon pest insects. This is NOT poison sumac!

Packet J

Redosier Dogwood

Sun/Part Shade

CORNUS SERICEA

18-24" bare root

Native Species; Loose and rounded bush with many stems reaches 7-10’. Fruit and twigs are used by several species of wildlife, such as robins, cedar waxwings, rabbits, and deer. Provides dense cover for a large number of wildlife species. Great for windbreaks and hedges. Excellent for use along banks for erosion control and general landscaping. Dark, blood-red bark provides winter color. Prefers moist soil.
PERENNIALS / HERBS

PERENNIAL/HERB PRICES:
1 to 5 pots $3 each
6+ pots $2.50 each

Packet G1  Butterfly Weed  see above
Prefers sun  ASCLEPIAS TUBEROsa  3” Pots

Native Species: This bushy perennial is prized for its large, flat-topped clusters of bright-orange flowers. Butterfly weed does not transplant well due to its deep taproot, and is best left undisturbed once established. A host plant for Monarch Butterflies, it’s excellent for butterfly gardens, prairies, or naturalized/native plant areas. Also effective in sunny borders. Whether massing plants in large drifts or sprinkling them throughout a prairie or meadow, butterfly weed is one of our showiest native wildflowers.

Packet G2  Lavender ‘Hidcote Blue’  see above
Full Sun  LAVANDULA ANGSTIFOLIA  3” pots

HERB; Purple-blue flowers and fragrant gray foliage. ‘Hidcote’ is a compact mounded form typically growing to 20” tall. May be kept dense with regular pruning. Well-drained soils are required, particularly in winter. Root rot attacks plants grown in poorly drained soils - drought tolerant.

A famous English Lavender, its blooms are distilled to provide one of the purest true lavender scents. To dry flowers, pick when showing color but before fully open.

Packet G3  Swamp Milkweed  see above
Full Sun  ASCLEPIAS INCARNATA  3” pots

Native Species: Swamp Milkweed is not only a host plant for Monarch butterflies, it is a nectar resource for a large range of pollinators including bees, wasps, ants, flies, butterflies, moths, beetles and bugs. Likes wet soils; is not drought tolerant. Grows to 4 to 5 feet tall.

Packet G4  Purple Coneflower  see above
Sun or Part Sun  ECHINACEA PURPUREA  3” pots

Native Species: The most popular of wildflowers, this member of the sunflower family can grow to 3’ tall and 10’ wide. An excellent nectar source for bees and butterflies, including Monarchs. Easy to grow in any soil, the coneflower is easily divided and makes a beautiful cut flower.

RB Rain Station™ Rain Barrel $80.00

The use of rain barrels lowers municipal water demands and saves energy at water treatment facilities by reducing water pollution and storm water runoff.

FEATURES
• 50 gallon capacity
• Large opening lid with locking feature
• Lid can be reversed to act as a planter
• FlexiFit™ diverter and all parts included for installation. FlexiFit™ diverter returns rainwater to downspout when barrel is full - no spillover
• 10 Year UV Resistance

AVAILABLE IN TERRA COTTA OR GRANITE - PLEASE SPECIFY

LIMITED QUANTITIES AVAILABLE

Planting Tips For Bare Root Seedlings…

1. Never let roots dry completely OR leave seedlings immersed in water for long periods as they will drown. These are the most common causes of seedling death!

2. Make your planting hole deep enough to accommodate the roots. It is better to prune the roots with scissors than to wad or curl the roots to make them fit in your planting hole. Plant so that the roots are free, not cramped. Trim any broken roots. DO NOT TRIM TAP ROOT!

3. Plant the seedling at same depth as it was in the nursery. Ground level should be where the roots stop and the stem begins.

4. Water thoroughly. Use only water soluble fertilizer with root stimulating ingredients.

5. Mulch, mulch, mulch! Dried grass clippings, ground up leaves or commercially available organic mulches will suppress weeds and hold in moisture.

6. WATER SEEDLINGS FAITHFULLY FOR THE FIRST 2 YEARS!

Key:
- Attracts pollinators
- Attracts butterflies
- Attracts Bees
### 2016 CONSERVATION PLANT SALE ORDER FORM

<table>
<thead>
<tr>
<th>Pkt.</th>
<th>Description</th>
<th>Plants/Pkt.</th>
<th>Plant Size</th>
<th>Price/pkt.</th>
<th>#of Pkts.</th>
<th>Total Cost</th>
<th>Pkt.</th>
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<tr>
<td>A</td>
<td>Eastern White Pine</td>
<td>8</td>
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<td>B</td>
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<td>18-24&quot;</td>
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<td>C</td>
<td>Colorado Blue Spruce</td>
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<td>D</td>
<td>Tulip Poplar</td>
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<td>24-36&quot;</td>
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<td>E</td>
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<td>24&quot;</td>
<td>$11.00</td>
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<td>G</td>
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<td>3</td>
<td>18-24&quot;</td>
<td>$11.00</td>
<td>G</td>
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<td>3</td>
<td>18-24&quot;</td>
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<td>I</td>
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<td>3</td>
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<tr>
<td>J</td>
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<td>3</td>
<td>18-24&quot;</td>
<td>$11.00</td>
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<tr>
<td>K</td>
<td>American Hazelnut</td>
<td>3</td>
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<td>M</td>
<td>Common Ninebark</td>
<td>3</td>
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### SHRUBS

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<tbody>
<tr>
<td>J</td>
<td>Red Osier Dogwood</td>
<td>3</td>
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<tr>
<td>K</td>
<td>American Hazelnut</td>
<td>3</td>
<td>18-24&quot;</td>
<td>$11.00</td>
<td>K</td>
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<tr>
<td>L</td>
<td>Spicebush</td>
<td>3</td>
<td>18&quot;</td>
<td>$11.00</td>
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<tr>
<td>M</td>
<td>Common Ninebark</td>
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<td>18-24&quot;</td>
<td>$11.00</td>
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### HERBS & PERENNIALS

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<th>Pkt.</th>
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<tr>
<td>G-1</td>
<td>Butterfly Weed (Milkweed)</td>
<td>1</td>
<td>3” pot</td>
<td></td>
<td>G-1</td>
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<tr>
<td>G-2</td>
<td>Lavender ‘Hidcote Blue’</td>
<td>1</td>
<td>3” pot</td>
<td>1-5 $3 each</td>
<td>G-2</td>
<td></td>
<td></td>
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<tr>
<td>G-3</td>
<td>Swamp Milkweed</td>
<td>1</td>
<td>3” pot</td>
<td>6+ $2.50 each</td>
<td>G-3</td>
<td></td>
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<tr>
<td>G-4</td>
<td>Purple Coneflower</td>
<td>1</td>
<td>3” pot</td>
<td></td>
<td>G-4</td>
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### RAIN BARRELS (Limited Quantities)

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<tr>
<td>RB</td>
<td>Rain Barrel - Terra cotta or Granite (circle color choice)</td>
<td>50 gallon</td>
<td>$80.00</td>
<td></td>
<td>RB</td>
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</tr>
</tbody>
</table>

Donations to Clermont Soil & Water Conservation District. **Thank You!!**
All proceeds and donations go towards conservation education and outreach programs.

**ORDER DEADLINE IS APRIL 8TH - To order after this date, please call Clermont SWCD for availability.** Payment by check or PayPal. Please make check payable and send to: **Clermont SWCD, PO Box 549, Owensville, OH 45160**

To place your order with PayPal, please see front page of brochure. Thank you.

Please make arrangements to pick up your order April 30th, as we cannot ship or hold orders.

Name:______________________________________________  Telephone:___________________________
Address:__________________________________________________________________________________
Street                                                 City                         State  Zip

Total Due:__________________________________________

Check # __________________________
The goal of Taking Root is to plant 2 million trees in the tri-state area by 2020.

You can contribute to the campaign by registering your trees at:
http://www.takingroot.info/register-tree/

Pollinator Workshop Coming to Cincinnati Nature Center

Learn why you wouldn’t want to live in a world without pollinators, and why they need your help. On Sunday, March 13 at 2 p.m., the Cincinnati Nature Center (CNC) will present “Monarchs and Other Pollinators: Helping Them Helps Us.” Using the fascinating story of how Monarch butterflies live and migrate, you’ll learn the difference between host and nectar plants and why Monarchs and other pollinators need both.

One of the best ways to support pollinators is by choosing the right plants for your yard. Learn how to attract and support butterflies and other pollinators using native plants. Audience members will each receive a packet of milkweed seeds to plant at home, and hear about pollinator plants available through Clermont SWCD’s conservation plant sale. This program is offered at Cincinnati Nature Center at 4949 Tealtown Road, Milford, OH 45150 and is free for all-admission is waived for non-members. Visit www.cincynature.org or call 831-1711 for details.

CNMP Services, LLC
EQIP & non-EQIP CNMPs
Roger L. Butts
Certified CNMP Specialist
937-750-3202 Cell
937-442-3202 Office
9771 Sivers Rd
Hillsboro OH 45133-6718
NRCS Certified- TSP #03-1112
Clermont Soil and Water Conservation District
P.O. Box 549
1000 Locust Street, Owensville, Ohio 45160
Phone: 513-732-7075
www.clermontswcd.org
http://www.facebook.com/clermontswcd
http://www.twitter.com/clermontswcd

Calendar

Monthly Board Meeting                        Mar. 9 8am
Small Farm Conference, Wilmington           Mar. 11-12
Pollinator Workshop (CNC)                   Mar. 13 2pm
Pesticide and Fertilizer ReCert. (OSU)      Mar. 22
Conservation Sale Deadline                  Apr. 8
Pond Clinic                                  Apr. 12
Monthly Board Meeting                       Apr. 13 8am
Perennial School (OSU extension)             Apr. 14
Spring Litter Cleanup                       Apr. 23
Conservation Sale Pickup                    Apr. 30
Monthly Board Meeting                       Apr. 30
Office Closed (Holiday)                     May 30
Monthly Board Meeting                       June 8 8am
Ohio River Sweep                            June 18
ODA Pesticide Training (OSU)                3rd Tue of ea. month

Plant Sale Edition!!

Karly Wrigglesworth winning Spring Litter Cleanup t-shirt design (see page 2 article)

If your address is incorrect or you would like to be added / removed from our mailing list, please contact us at (513) 732-7075.

All NRCS / SWCD programs and services are offered on a non-discriminatory basis without regard to race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation and marital or family status.