

Coos County Ag, Forestry, Conservation Updates, February 2018



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Coos County Ag, Forestry, Conservation Updates from the North Country

February 2018

North Country Agriculture, Forestry and Conservation News from Coos County.

Welcome! We've joined forces with Coos County Conservation District & NRCS. We hope to share more Agriculture, Forestry and Conservation information with you.

This is a periodic email to let you know about upcoming events, interesting stories, disease and pest alerts, etc. that are relevant to agricultural producers in the area.



Lichens, probably one of the slowest growing living things are also believed to be one of the oldest. Called "Fungi that have discovered agriculture" T.Goward, they are a combination of "symbiotic organism"- composed of fungi, algae and cyan-bacteria. Able to live in tough environments from rocks, tree bark, to rusty farm equipment, they nonetheless need sunlight, clean air and a bit of moisture.

Do you have comments, questions, suggestions? Please let us know your ideas for future content! Send us an email - steven.turaj@unh.edu (UNH Extension) carolyn.mcquiston@nh.nacdn.net (Coos County Conservation District)

Events

Forage Crop Workshops 2 Locations in NH

Tuesday, February 6
Rialto Theatre, Main Street, Lancaster

Wednesday, February 7
Makris Lobster & Steak House,
RT 106, Concord

Following-up on the popularity of last year's sessions, we are expanding on the theme of improving grassland productivity. Sid Bosworth, UVM Extension Agronomist, will discuss grass establishment and management strategies, while Joe Homer, former USDA/NRCS Soil Scientist, will review how soil characteristics can affect your seeding efforts.

Registration is encouraged by February 2. Please [register online](#) if online registering is not possible, feel free to drop off a check at either the Grafton or Coos Extension office. Space is limited, walk-ins can not be guaranteed lunwill be on a first come basis.



***** Update *****
Pesticide Credits!
We have been awarded 3.5 credits for this workshop.

More Information and How to Register

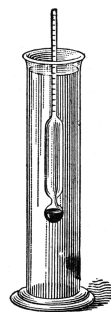
Register Online

Maple Syrup Producers - Hydrometer Clinic

Tuesday, February 13
9:00am-Noon

North Country Resource Center
Route 3
Lancaster NH

More information -
Contact NH Department of Ag
271-3685



NH Department of Agriculture

List of Clinics in NH

NH Grazing Conference

February 17
9:00am-4:00pm

McLane Audubon Center
84 Silk Farm Road
Concord NH

Plan to attend Granite State Graziers winter grazing conference, the state's premier educational event for pasture-based farmers. Join us for workshops, networking, and inspiration all aimed at helping you build resilience into every aspect of your farm.

Topics include:
Integrating grazing and hay making.
Reclaiming overgrown fields.
Soil health in hay fields.
And much more.

More information - info@grazenh.com



Granite State Graziers

How to Register

Everything You Need to Know About Growing Blueberries.

Wednesday, March 7
1:00pm-3:00pm
North Haverhill, NH

We will meet at the UNH Cooperative Extension Conference Room, in the Grafton County Complex, Route 10, North Haverhill.

Grafton County Conservation District, Natural Resources Conservation Service and UNH Cooperative Extension of Grafton County are excited to offer this indoor workshop.

Please contact Pam - email Pamela.Gilbert@nh.nacdnet.net or call 603-353-4652, ext. 103.
We want to be sure to have enough handouts for everyone.



Grafton County Conservation District

Food Safety Modernization

Act - Intro

Thursday, March 15
10:00am-Noon

WREN Farm & Food Program
22 Park Ave, Bethlehem, NH

Contact - WREN 603-869-9736



[WREN on Facebook](#)

[Food Safety Modernization Act \(FSMA\)
More Information Here](#)

Pruning Demonstrations

Save the Date

April 14, Saturday, 10:00am-Noon
Carroll County - Blueberries
Carroll County Farm, Ossipee
Contact: Olivia.Saunders@UNH.EDU



April 20, Friday, 1:00pm-3:00pm
Coös County - Tree Fruit
Oxbow Farm Orchard, Stark
Contact: Heather.Bryant@UNH.EDU

April 28, Saturday, 1:00pm-3:00pm
Grafton County - Blueberries & Raspberries
Darlings Berries, Canaan, NH
Contact: Heather.Bryant@UNH.EDU

Initial Training for Commercial & Private Pesticide Applicators

Mondays, April 16, 23 & 30
1:00pm-4:00pm
North Country Resource Center,
Route 3, Lancaster



Who Should Take This Training?

The University of New Hampshire Cooperative Extension will offer trainings in March and April to prepare prospective applicators for the private and commercial applicator certification exams at the operational level. Please note that this course does not satisfy the requirements for applicators looking to get certified as Supervisory Registration Certification - General Use Applicators.

Attendance at an initial certification training class is not required for certification at the operational level. However, it does help direct the studying. Instructors will provide a review of the information found in the National Pesticide Applicator Certification Core Manual, NH Code of Administrative Rules, and the Worker Protection Standard for Agricultural Pesticides. Private applicator testing will be held the last day of training at each location.

Different sections of the training will be presented on April 16 & 23. Testing for private applicators will be held on April 30.

Contact for more information:
Rachel.Maccini@unh.edu or 603-351-3831

[Register Here](#)

Training Cost: \$55.00*
*Note: There is an additional cost for study materials, which participants are required to obtain and study prior to attending the sessions.

[Purchase Study Materials](#)

Become a NH Coverts Volunteer!

Love New Hampshire's Forests & Wildlife?
May 2-5
Greenland NH

Started in 1995, the NH Coverts Project has trained over 500 volunteers to promote wildlife

conservation and forest stewardship throughout New Hampshire. Applications are now being accepted for this year's NH Coverts Project.



Learn more & apply today!

In The News - AG

Yuck! What's This

About Immature Insects

by Steve Turaj

It's been a long-time since I've grubbed for Hellgrammites. "Grub" is the important word here, more on this later.

Fly Fishing is sort of the in thing among many anglers nowadays. I will admit to trying it off and on. But I come from a long line of live bait fishermen. In that regard I encourage a close reading of Izaak Walton's 'Compleat Angler'.

Shiners kept in the basement set-tub, a bedding box full of night-crawlers collected by flashlight after a summer rain, cut-up up clams, crabs and sandworms for salt-water flounders, cod and those scrappy snapper blues. Not for the squeamish, all good character building stuff, like Ice-fishing, which brings me back to....



Insects on under-side of soybean leaf, which are the good guys?



An 'artificial' Hellgrammite lure that captures its true essence.

Hellgrammites. These are the rather intimidating larva of the adult Dobson Fly. Which is not a true fly, rather a large winged (Order Megalo-ptera) insect that frequents aquatic locations. It's a fierce predator of fast, clean water streams. According to my well-thumbed book "Natural Fresh Water Baits" by Vlad Evanoff they go by several rather telling names: Snipper, Clipper, helldiver, conniption bug, and alligator just a few. That disposition, large size and a leathery body that keeps them on a hook, make for a preferred bait.

We found the Calico Bass in Pink House Cove liked them quite a lot. A nice winter fish Calicos, a more deserving name than Crappies. Hit the bait hard and fight like a bass, easily scaled and plump flesh that time of year.

Never did see a pink house but the cove was a popular fishing spot on the Housatonic River. It was conveniently located between an Italian restaurant -that made the best pizza anywhere- and a spring where we routinely filled water jugs.

A small stream fed into the cove and that's where we would search for a few hellgrammites to augment our other bait, jigs and lures. Pretty cold mucky business, sifting through bottom mud either bare-handed or with a small dip net. Being careful about their large "nippers" was a given. The reward was a lively hellgrammite grub sure-fire to attract a Calico. I chalk all this up to "good Training".

Grubs, an immature life-stage of an insect (see metamorphosis insert) can be both very resilient and damaging pests of many agricultural crops. Cutworms, armyworms, root-worms (all not really worms at all) corn-borer caterpillars, even now, happily wintering within field stubble, there's a long list. Being able to identify them a handy skill when helping farmers develop an effective control strategy. Yes, you can learn from reference guides and entomology classes, but I think 'early hands-on experience' is worth a lot. We've a lab at UNH for more help....

Metamorphosis is the developmental life-stages an insect undergoes in its transformation from an egg to a reproductive adult. The word is derived from a

combination of the two Greek words Meta = change and Morphe = form. Some insects in these immature, in-between stage(s) will closely resemble the adult... Smaller, lacking wings, as a close examination of the aphids in this picture illustrates. In others (think caterpillar to butterfly) they are dramatically different.

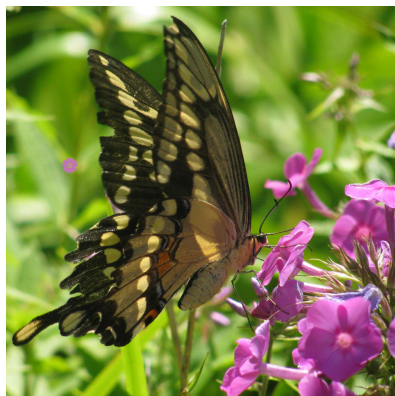
Another example is the beneficial larval form of the Ladybird beetle in this picture: helping a local soybean farmer by feasting on these damaging plant juice sucking aphids. That's another characteristic of these immature stages: quite a voracious appetite to get them to their reproductive adult stage. Helps to know who the good and bad guys are.
test

Planning for Growing Season

To get a head start, or to discuss ideas, contact: Heather.Bryant@UNH.EDU

Winter is a great time to create some of the plans you never get around to creating during the growing season...

- crop rotation
- cover crops
- pollinator plantings
- better recordkeeping
- pesticide program
- should I trap for spotted wing drosophila next season
- do I need to comply with FSMA



In The News - Forestry

Order Now!

NH State Nursery Seedling Orders should be received no later than March 31, 2018

Contact: Division of Forests & Lands
172 Pembroke Rd, Concord, NH 03301
603-271-2214

The Nursery does deliver once each Spring to your County, let them know when you place your order if you would like to pick up in your County!



NH Nursery Website for More Information

A Walk In The Woods with Jim Frohn, Forester, Grafton County Remembering the 1998 Ice Storm

Read more of this article by Jim Frohn, Forester, Grafton County



Forester

In Coos County contact Brendan.Prusik@unh.edu

More Resources for Woodlot Owners



In The News - NRCS

EQIP

The Environmental Quality Incentives Program (EQIP). EQIP offers technical help for planning and designing conservation practices that protect our water and air, improve soil health, enable us to better care for farm animals, manage animal waste, and sustain our agricultural land. EQIP also offers financial assistance to make these practices more affordable once an application is determined eligible for funding.



Who can participate? Private landowners and operators who are engaged in forestry, wildlife management, crop, or livestock production on eligible land may be eligible to participate in EQIP. Participation is voluntary. Eligible land includes cropland, pasture, hayland, forestland or other lands on which crops or livestock are produced. How do you get started? Call your local NRCS field office to discuss your resource needs and work with staff to develop a conservation plan. A conservation planner will visit your property and identify resource concerns, discuss your goals, inventory resources, and evaluate alternatives. Your goals and objectives, with a list of recommended conservation practices for your farm, will be included in your conservation plan.

How do you apply? Once you have a conservation plan and would like to apply for EQIP funds to help implement your list of recommended conservation practices, we will help you understand the extensive program eligibility process. NRCS will evaluate your completed landowner eligibility forms and needed practices. After you have finalized practice decisions and agree to move forward, we'll work with you on the application. EQIP applications are accepted on a continuous basis, but they are considered for funding during specific ranking periods. Once all other planning requirements needed for an application to be considered for funding have been completed, your application can be considered for the next ranking period.

Upcoming ranking batching dates -

- February 16, 2018
- March 16, 2018
- April 20, 2018
- May 18, 2018

Who to contact - List of NH County Field Offices

More NRCS Information















Coös County Conservation District

2018 Spring Sale

Bulbs and Plants

Orders due March 16

We are now taking orders for our annual fundraiser which helps fund conservation projects in Coös County. For full details and an order form, visit the District's [website](#). Please note orders are due March 16 and will be available for pick up in Lancaster early May.

Coos County Conservation District 2018 Spring Bulb / Plant Sale			
Bulbs, Roots & Cuttings			
	Tidy of the Valley Fragrant, small, creamy-white bells with standard wide leaves, great as ground cover in moist, shady areas. Height: 4-6" Zone: 2-9		Gladstone 'Sun Kissed' Vivid orange, ruffled flowers. Blooms in 65-90 days. Height: 45-65" Zone: 8-10
	Dahlia 'Kevin Floodlight' Classic butter-yellow flower with deep green foliage. With proper pinching, flower diameter can be up to 10 inches. Height: 36-48" Zone: 8-10		Daylily 'Haji' Slightly fragrant bright red flowers with yellow throats on a very large plant! semi-evergreen foliage. Height: 26-30" Zone: 2-9
	Hasta 'Frances' Almost glossy, sun resistant leaves, with narrow white margins. Height: 18-20" Zone: 2-9		Yellow French Shallots Mild, sweet, nutty onion flavor.
	Candy Yellow Onion (plants) Unique sweet, mild flavor; produces jumbo bulbs. Attractive white rings. Intermediate day.		Redwing Onion (plants) Red, slightly pungent, globe shaped, 8-10 month storage potential, long-day.
NH Grown Potted Plants			
	Great Blue Lobelia Thick stems topped with light blue flowers. Native plant that thrives in boggy areas. Reseeds. Height: 24-36" Zone: 3-9		Cardinal Flower Striking bright red flowers for moist gardens. Reseeds. Height: 24-36" Zone: 3-9
	Columbine 'Little Lanterns' Dwarf wild columbine. Abundant bright red flowers with yellow centers. Attracts pollinators. Height: 12-14" Zone: 3-8		Ostrich Fern Elegant plant with broad, upright fronds. Delicous fiddleheads in the spring. Height: 44" Zone: 3-8
	Shasta Daisy 'Whoops-a-Daisy' White flowers with gold centers. Plant forms a dense, rounded ball-shaped mound blanketed in flowers. Height: 12" Zone: 3-9		English Lavender Fragrant, woody herb with slender lavender-purple flower spikes. Needs good drainage. Height: 15-18" Zone: 3-8



Thank you for supporting the Coos County Conservation District. Your purchase helps to fund programs throughout the county. Please visit our website at www.cooscountyconservation.org to learn more about our various programs, workshops, and education outreach.

Lancaster, NH 03584
info@coos.org
 603-788-4651 ext. 102

LARGE FARM EQUIPMENT RENTAL - Wood Ash Spreader

For descriptions of the tools go to the District's [website](#)

HIGH TUNNEL / GARDEN TOOL RENTALS

Coos County Conservation District applied for and received grant funds to purchase tools specialized for high tunnels. With this grant various tools were purchased for farms & commercial growers to use free of charge. This allows the client to try-out these specialized, often expensive, quality tools before purchasing.

A simple agreement with each client, along with a check for a deposit in the amount of each tool is all that is required for use of these great tools. The time frame on the use of these tools varies on supply and demand but is usually 4-7 days. A specific lending time frame will be determined and noted on the sign-out form before the equipment is used.



Contact -
 Coos County Conservation District
 4 Mayberry Lane, Lancaster NH 03584
 603-788-4651 Ext. 102
 Email - Coos County Conservation District
 Please visit our website,
CoosCountyConservation.org
 (We have been updating our website, if you have suggestions of content you would like to see, please let us know.)

NH Farm Bureau

New Hampshire Farm Bureau Federation Veterans in Agriculture Committee

To Recruit, Educate, Support, and Promote Veterans and Veteran families in Agriculture!

The New Hampshire Farm Bureau Federation Veterans in Agriculture Committee is made up of Farm Bureau members, veterans and civilians, with a common goal of promoting agriculture as a vocation, hobby, and passion for veterans and to provide them with the resources to learn, grow, and flourish.

NH Farm Bureau has created a new *New Hampshire Veterans in Agriculture* resource booklet. Start the year off with a look at this guide containing topics including:

- Post Service Career Advice
- Access to Land
- Financial Consideration
- Management and Legalities
- Other Resources

Email NH Farm Bureau for your copy.

Contact:
Veterans in Agriculture Committee Chair, [Glen Putnam](#) email or call (603) 667-0097
NH Farm Bureau, please call (603) 224-1934 or e-mail nhfb3@nhfarmbureau.org
Coos County Farm Bureau President is [Joyce Brady](#)



NH Farm Bureau Website

Soil Test, Plant Disease, Insect ID & Alerts



Soil Test
How & Where to Submit Samples



Plant Diseases
How & Where to Submit Samples



Insect Identification
How & Where to Submit Samples



News & Alerts, NH IPM
Sign up for newsletters and more



NH Bugs
Damaging Insects & Diseases

Questions? The Education Center Can Help.



Home or Garden Question? Get answers from a Master Gardener

Monday through Friday from 9:00 am to 2:00 pm highly-trained Master Gardeners are available to answer your questions about gardening, lawns, pests, fruits and vegetables, food safety and more. For research-based information you can trust, pick up the phone, send an email or stop by today!

Homeowner Questions,
please ask our Education Center

Newsletter Archives



If you missed a newsletter, you can find the archives online!

We are saving an archive copy of each newsletter on both the Coos County UNH Cooperative Extension website and the Coos County Conservation District's website. (see buttons below). You can also click on the subscribe button to receive other UNH Cooperative Extension newsletters.

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[UNH Extension Forest & Trees](#)

The UNH Cooperative Extension office in Coös County is located in the

[North Country Resource Center](#)
[629A Main Street](#)
[Lancaster, NH 03584](#)

For more information on Coös County UNH Cooperative Extension [visit our website](#), [email us](#), or call 603-788-4961



About UNH Cooperative Extension

Extension is at work in every New Hampshire county, making the state's key industries stronger, developing vibrant communities and municipal leaders, fostering healthy families and an informed and engaged citizenry, and keeping the state's natural resources healthy and productive.

The University of New Hampshire Cooperative Extension is an equal opportunity educator and employer. University of New Hampshire, US Department of Agriculture, and NH Counties cooperating.

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