



North Country Updates - Agriculture, Conservation, Forestry

This newsletter comes to you from UNH Cooperative Extension, Coös County Conservation District & USDA/Natural Resources Conservation Services, Lancaster, NH

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Events



Weeks State Park Summer Programs

Lancaster NH

Every Thursday Evening Start at 7:00pm

Find the complete [2018 schedule](#) on their website.

Thank you NH Parks & Rec and UNH Cooperative Extension along with our local business supporters who make our programs possible!

[Weeks State Park Association](#)



Twilight Meeting

July 19, Thursday

5:30-7:30pm

2.0 Re-certification Pesticide Credits available

Location: Oxbow Farm, Stark, NH

Contact: Heather.Bryant@unh.edu

[More information and How to Register](#)

**ServSafe® Food
Production Manager**



Training & Exam

July 27, Friday
8:00am-5:30pm

ServSafe® is a nationally recognized food safety certification program of the National Restaurant Association. Participants passing the exam with a grade of 75% or higher will receive ServSafe® food safety certification from the National Restaurant Association Solutions. Certification is valid for five years.

Location: Littleton Regional Hospital
Contact: Mary.Choate@unh.edu

More information &
How to Register Before July 16



North Haverhill Fair

July 25-29, Wednesday - Sunday

Fairgrounds
1299 Dartmouth College Highway
Haverhill NH

Event Details



Randolph Town Forest Field Day

(Save the Date!)

Saturday, August 4, 2018

Theme for the Day - Managing Habitat for Pollinators

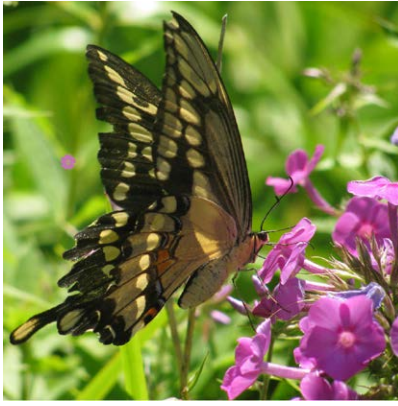
Kelly Eggleston, District Conservationist with the USDA - Natural Resources Conservation Service (NRCS), along with Kelly Boland, State Biologist for NRCS, will share ideas that will help landowners improve pollinator habitat on their own lands.

The day will begin, in the Randolph Town Hall at 9 am. Members of the Forest Commission and the Forestry Team will report on new activities which have been carried out on the Forest during the last year.

David DeGruttola, Town Forester, will report on logging activity.

Brendan Prusik, UNH Extension Forester, and/or John Lanier will bring us up to date on the Dirt To Trees To Wildlife (DTW) project which the Town has been supporting.





Tour to follow: Farrah site and Rolo Falls

For more information on the Randolph Community Forest, view their [website](#), or email the [Randolph Community Forest Commission](#) email: info@randolphforest.org

More information on this event



Erosion Control Field Days - Continued this Fall

A training for professionals working in soils, erosion control, water quality, public works, engineering, roads, planning and consulting.

September - If you missed a June event, you will have a chance to attend an event this Fall in Belknap or Hillsborough County.

Sample Flyer from the Lancaster & Rochester Event

Similar Events coming this Fall in Belknap & Hillsborough Counties

We had a great turn out for the June events at the Lancaster and Rochester Fairgrounds. In Lancaster we want to Thank Mike Everhart with E.J. Prescott for pulling the speakers together, along with our local speaker from UNH Extension, Steve Turaj.

Thank you to the Lancaster Fair Association for letting us use the grounds & Ken for setting us up in the hall!

We can't forget our caterers! The White Mountain Chalet Caterers provided an awesome lunchtime BBQ.

And our Attendees, Thank you for attending, if you have thoughts on changes you might like to see for the next event, let us know.

Belknap & Hillsborough County Conservation Districts will be hosting similar events this Fall. For more information contact - in Belknap County - Lisa.Morin@nh.nacdnet.net in Hillsborough County- Kerry.Rickrode@nh.nacdnet.net

Please share this information with anyone you feel would be interested - fellow installers, designers, public works folks.

In The News

Pasture Improvement - What Do You See?

by [Steve Turaj](#)

Time to look at your meadow, think about a strategy, perhaps get that soil test in to prepare for an August seeding. ... Here are a few conditions to look at, call if you would like another look. Steve..

At times it helps to let someone else "take a look". They might see things we've grown so accustomed to that they are overlooked.

Scan this picture of a 'Pasture with Problems' what do you see, why, remedies?



Here's my take:

1. A scattering of fairly tall, stand-alone plants
2. Patchy, close-cropped survival grasses, bare sandy soil
3. Buttercups in flower
4. More Thistles!
5. White Clover
6. Thick patch of grass
7. Seed heads of Perennial Ryegrass

[Read More of this Article
and
Link to Related Fact Sheets](#)

Just an overview, for more details check out our forage crop fact-sheets, talk with a consulting agronomist.

Guess that's a start, walk your fields, let me know what else you're seeing.



UNH Extension ID services may help.
[Soil Tests](#), [Insect ID](#), [Plant Diagnostic Lab](#)

Some plant problems I'm seeing right now include Rose chafer beetles, with Japanese beetles soon to follow, Yellow Rattle weed - parasitic to grasses- now going to seed in meadows, Bacterial Leaf Spot on peppers.



Protect New Hampshire's Forests -

Firewood for Campers -

Transporting firewood threatens our forests by potentially giving a free ride to insects and diseases. Help protect New Hampshire's wild and scenic beauty and leave your firewood at home when you travel. Don't transport pests - when it comes to firewood, buy it where you burn it.

[Click here to Read More](#)

[NH Bugs.org](#)



Winter Injury Showing Up In Summer

by [Heather Bryant](#)

A couple weeks ago we started getting some distressed phone calls and emails from clients about their stone fruit, apples and blueberries. The plants seemed to be crashing. The leaves and fruit were turning brown and dropping off. This led to a number of emails and phone calls back and forth between our Extension team members, several lab tests looking for diseases, and ultimately a determination that the problem wasn't a disease at all, but winter injury.

The term winter injury makes you think that the damage would show up in the winter, or maybe early in the spring when plants are supposed to start leafing out and don't, and sometimes it does but there are several forms of winter injury and in some cases the damage shows up in late spring and early summer. Plants whose roots were damaged but not killed by adverse weather appear fine in the spring. At the risk of anthropomorphizing, they leaf out, flower, and fruit even, but then they get to a point in the season when they get exposed to a stressor, and then... crash! So what exactly happened to them?

Our plant pathologist, Cheryl Smith recently received a grant to place weather stations in each county in New Hampshire and connect them to the Network for Environment and Weather Applications (NEWA). The weather stations are hosted at farms, and they automatically collect data on weather conditions including temperatures, rain totals, relative humidity, leaf wetness, solar radiation, and wind speed and direction. The data is then stored on the NEWA website (<http://newa.cornell.edu/>), where it can be used by farmers, Extension

personnel and gardening enthusiasts to predict when conditions are right for a particular insect pest or disease problem to flourish. In this case it can also be used to go back in time and remind ourselves what might have been happening weather-wise over the winter to look for clues regarding winter injury.

According to the station in Grafton County, the average temperature was 34°F for the month of November, with 7 days in the 50's and 60's and the coldest night was 9.2°F. Clearly that's warm for November. In the first half of December the story was fairly similar until the middle of the month when the temperature dropped quickly. In the last week of December and first week of January, temperatures dipped below zero 10 times, with the coldest night (Jan 2nd) reaching -22.5° F. Many cold hardy varieties of blueberries, apples and stone fruit would have survived those conditions, but they would have caused stress on the plants.

Then in May we received 1.4 inches of rain, and in the first 25 days of June we received 2.59 inches of rain. This is not nearly the ideal amount of rain for fruit plants. Blueberries require 1-3 inches of water per week depending on their age and your soil type, and a mature apple tree needs about 1.5 inches of water per week. This second stressor added to the earlier cold temperature stressor is the most likely suspect for the damage growers are seeing.

So now what do you do? If there are canes or limbs that are clearly dead you can prune them out now. This summer don't further stress your plants by fertilizing too late. We recommend not fertilizing fruit crops after the 1st of July because you don't want them putting on tender new growth too late in the season. The new growth this year is the most susceptible to damage next winter. For next season we recommend pruning during the dormant season (January to just prior to leaf out in the spring). Pruning in the fall and early winter can backfire if the plants haven't had enough time to go completely dormant and send nutrients back into the roots for the winter.

And of course anytime you are seeing symptoms on your plants that you can't identify, please send photos to our Information Center at answers@unh.edu. If they can't help you from a photo, there is a lab on campus that can test for diseases.

Information in this article was compiled from the

- [NEWA](#) site in North Haverhill, NH
- [Growing Blueberries in your Home Garden](#), OSU Extension Catalog
- [The California Backyard Orchard](#)

Natural Resources Conservation Service (NRCS)



In the Field in Coös County with NRCS



Kensley Hammond, Pathways summer intern with NRCS in Lancaster, recently completed a boundary walk for a new Wetlands Reserve Easement (WRE). – courtesy photos.

Coös County Conservation District (CCCD)



Coös County Conservation District

4 Mayberry Lane
Lancaster NH 03584
603-788-4651 ext 102
Visit our website - cooscountyconservation.org
email - da.cccd@gmail.com

Our office is located in the USDA Service Center,
Route 3, Lancaster, NH



More Information

Wood Ash
Spreader
& Rental Terms



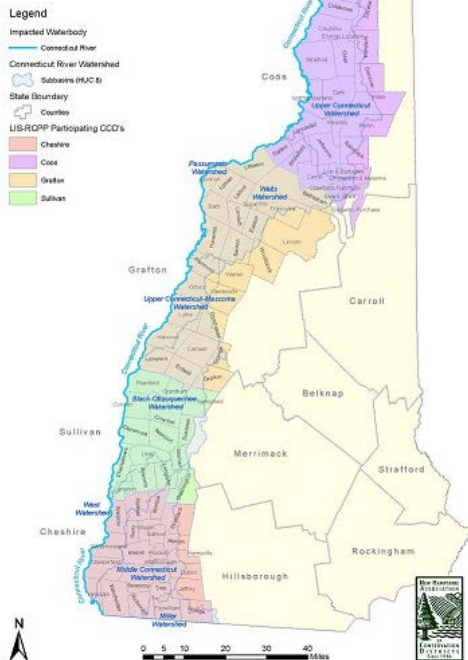
More Information

Hi-Tunnel Tool
Loan Program

List of Tools &
Loan Process

Long Island Sound - RCPP New Hampshire Project Area

New Hampshire Association of Conservation Districts



Long Island Sound Watershed - Regional Conservation Partnership Program (LISW-RCPP)

Reducing Nitrogen and sediment delivery to the CT River and its tributaries is the focus of our participation in this project.

Farmers in the NH Connecticut River Watershed can work with Bill Foshier, Project Agronomist for NH Association of Conservation Districts, on resource assessments, farm conservation plans and/or comprehensive nutrient management plans.

To learn more, contact Bill Foshier, NHACD Project Agronomist.
email - BillFoshier@gmail.com
call or text - 413-335-5275

Home or Garden Question?

Monday through Friday from 9:00 a.m. to 2:00 p.m. 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!

Education Center & Info Line

Soil Testing Services

Insect Identification Services

The **Education Center** at UNH Cooperative Extension offers a number of services including:

- Answers to gardening questions from Cooperative Extension Master Gardener residents via email and the Hotline 877-398-4769 or walk-in assistance.
- Master Gardener Volunteer Training Educational Programs for the general public.
- Public presentations by Master Gardener Volunteers on topics such as seed starting, composting, container gardening, and seed saving.

For more information on a variety of horticulture topics visit the UNH Cooperative Extension [website](#).

Additional Links

Subscribe to this and other
UNH Extension newsletters

Archives
of this newsletter

UNH Extension Agriculture

UNH Extension Natural Resources

Coös County Conservation District

USDA / NRCS in NH

Coös County UNH Cooperative Extension
629 Main Street
Lancaster, NH 03584

Monday - Friday, 8:00 a.m. - 4:00 p.m.

For more information
[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.
UNH, USDA, and NH Counties cooperating.

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