



Cornell University Cooperative Extension

Capital Area Agricultural & Horticulture Program Staff

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Crops and Soils

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Marketing*

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*New Farmer /
Market Development*

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*Commercial Ornamental
Horticulture*

*The Ag Report is produced
by Aaron Gabriel*

In this issue:
**Value of Sulfur in Ma-
nure**
**Weed Seeds in Live-
stock Systems**

Capital Area Ag Report March 2, 2023

Calendar

Tuesday, March 7, 2023—9:30 am to 3:30 pm—Exploiting the Vulnerabilities of Weeds, at the Italian-American Club, 257 Washington Avenue Extension, Albany, NY. **Please pre-register (\$60/person) by 5:00pm March 5, 2023** at <https://caahp.cceext.net/civicrm/event/info?reset=1&id=169> or **CALL (518)765-3518** or email cce-caahp@cornell.edu. For program questions or **special accommodations**: Aaron Gabriel, adg12@cornell.edu/518-380-1496.

Wednesday, March 22, 2023—Soil Health Forum and Improving Crop Nutrient Management— sponsored by A & K Agri Services and CCE. **Save the date.** At the Elks, 130 Bulson Ave., Greenwich, NY. A soil health discussion and presentations by Dr. Quirine Ketterings, Kirsten Workman (ProDairy), and Ken Wise, NYS. **One pesticide credit categories 1A, 21, 23, 10 & 3 CCA credits.** RSVP to A&K Agriservices, 802-681-7228.

March—UVM Grain Growers Webinar Series, <https://www.uvm.edu/extension/nwcrops/2023-grain-growers-conference-webinars>

FYI

NYS DEC CleanSweep pesticide collection program April 2023 in Plattsburg, Elizabethtown, and Saratoga Springs.

Dairy Technology Tuesday recordings This seven-part webinar series by Cornell CALS PRO-DAIRY and Cornell Cooperative Extension offered cutting edge information about dairy technology from industry experts. If you are thinking about incorpo-

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rating new technology or have already implemented innovative technology this series is for you.

Efficient Use of Fertilizer to maximize savings. Recording at this link: <https://youtu.be/T7I-FhA8yKw>

Bird Flu is a major concern. Read more at https://nydairyadmin.cce.cornell.edu/pdf/newsletter/pdf89_pdf.pdf

From the desk of Lynn Sosnoskie, specialty crop weed scientist at Cornell AgriTech: Here are some extension handouts on **equipment cleaning/sanitation** from NDSU to get us going in 2023 (starting with tillage units and planters):

[planting-and-tillage-equipment-clean-up-fact-sheet.pdf \(ndsu.edu\)](#)

[atv-clean-up-and-sanitation-fact-sheet.pdf \(ndsu.edu\)](#)

[combine-cleanout-in-field-ncanr-final-1-18-18-copy.pdf \(ndsu.edu\)](#)

Rye Grain Survey

The University of Vermont's Agricultural Extension Service and the Glynwood Center for Regional Food and Farming are conducting rye grain market research with funding from USDA's Northeast Sustainable Agriculture Research & Education (NESARE) program.

We are developing market knowledge of opportunities and challenges in the domestic rye supply chain as part of a project titled "Capturing Value with Cereal Rye. Growing high-quality and flavorful rye in the Northeast for Baking, Malting and Distilling".

As part of this work, we are reaching out to businesses and organizations that produce or use rye and other grains in their business with questions to help us identify opportunities and challenges in the commodity chain.

To learn more about this confidential research, and to answer the questions if you choose- please click the link below. We greatly appreciate your perspectives and are sure your expertise can inform efforts to increase value-added domestic rye use.

[Click here to learn more and take the study if you choose.](#)

Buckwheat can be a good additional crop. [How does buckwheat pencil out in 2023?](#)

Agronomy Notes

It has been a busy meeting season. What do you do with all that crop information? There is a lot to juggle. Call me if you would like to discuss your 2023 crop plans.

Nutrient Management

To continue the nutrient management theme this winter, I recommend this factsheet, **Sulfur Fertilizer Value of Liquid Dairy Manure**, <http://nmsp.cals.cornell.edu/publications/factsheets/factsheet120.pdf>. Our crops need around 10 to 20 lbs per year of sulfur. Fortunately, manure has a considerable amount of sulfur, 2 to 4 lbs per thousand gallons of liquid dairy manure. About 55% of that sulfur is available to crops in the first year of application. Manure also has all the other plant essential nutrients. Sulfur deficiency is not unusual, especially on coarse soils that do not receive manure or organic matter. To get the "full story", read this factsheet.

Weed Management

To carry on the theme of weed management, I think that it is important to consider weed seeds passing through livestock systems. Fortunately, the digestive tract (especially of the chicken), ensiling, and manure storage reduce seed viability to a large extent (but not completely). Redroot pigweed seed viability (relative of Palmer amaranth and tall waterhemp) was one of the weed seeds that did not survive livestock systems very well. That is good, because palmer amaranth and tall waterhemp a big threat. Here are two articles with good information.

[Weed Seed Survival in Livestock Systems](#)
[The Myth of Weeds Seed in Poultry Litter](#)

SOIL HEALTH FORUM & IMPROVING CROP NUTRIENT MANAGEMENT

Wednesday, March 22, 2023

Greenwich Elks Club, 130 Bulson Rd, Greenwich, NY 12834 10

a.m. - 3 p.m. (Registration 9:30 a.m. -10 a.m.)

As always there will be a hearty meal served by the Greenwich Village Cafe

----All are welcome ----

RSVP to the following: 802-681-7228 (Office), 802-733-1186 (Art), artwhitman751@gmail.com , 802-733-1193 (Doug) or 518-380-1496, adg12@cornell.edu (Aaron)

1 pesticide recertification credit in categories 1A, 10, 21 & 23

AND

3 CCA credits

SPEAKERS:

Dr. Quirine Ketterings, Cornell Nutrient Management Spear Program

Kirsten Workman, Nutrient Management & Environmental Sustainability Specialist, Cornell Pro-Dairy

Ken Wise, NYS Integrated Pest Management Program

---A & K Agriservices Update

--- Soil Health Roundtable

Cover crop experiences in 2022 - Getting the Most from Cover Crops
 Experiences in 2022 with Alternative Soil Amendments (chicken manure, composts, etc)

---Taking Nutrient Management to the Next Level

Whole Farm Nutrient Management Balance

Adaptive Nutrient Management

New Nitrogen Guidelines for Field Crops

The Value of Manure

Potassium & Sulfur Management for Alfalfa

General Discussion, Q & A about managing nutrient management costs

---On-Farm Research
Simplifying On-Farm Research with Strip Trials

NOON - Lunch 1 hour

---On-Farm Research - continued

Yield Stability Zones

Cleaning Up Yield Monitor Data

Developing a New York On-Farm Research Network

General Discussion

---Managing Corn and Soybean Pests - 1 Pesticide Credit - Ken Wise

Neonic Seed Treatments

Managing Corn Pests

Managing Soybean Pests

---A & K Agriservices Wrap-Up

The New York State Department of Environmental Conservation (NYSDEC) will be hosting a **CleanSweepNY pesticide collection event** on April 25-27, 2023. Dates and locations are shown below.

Tuesday, April 25, 2023 – Plattsburgh

Wednesday, April 26, 2023 – Elizabethtown

Thursday, April 27, 2023 – Saratoga Springs

This chemical disposal service is open to farmers, owners of former farms, and all types of certified pesticide applicators and technicians. Participants from neighboring counties are welcome and encouraged to participate at one of these locations. This collection is targeting the counties in NYSDEC's Region 5 (Clinton, Essex, Franklin, Fulton, Hamilton, Saratoga, Warren, and Washington Counties).

In addition to pesticides, CleanSweepNY will also collect the following types of chemicals from eligible participants at no charge:

Fertilizers

Paints and all related coatings (stain, varnish, shellac, etc.)

Motor oil

Antifreeze/coolant

Cleaners, sanitizers, degreasers, etc.

Old or spoiled gasoline

Epoxies, tars, driveway sealers, etc.

Fluorescent light tubes and ballasts

Pre-registration is required to participate in this program. A registration form can be obtained by email (cleansweep@dec.ny.gov) or phone 518-225-8146. The deadline for registration is April 17, 2023.

Full appointment details, including the address of the drop-off, are provided once a participant has been registered. Please note that this program does not accept household chemicals from homeowners.

Please direct all questions about the program to the contact information shown above.