



# VEGE<sup>edge</sup>

YOUR TRUSTED SOURCE FOR RESEARCH-BASED KNOWLEDGE

Volume 18 • Issue 25 • December 1, 2022



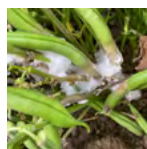
Late Fall Soil  
Tests on Urban  
Farms

PAGE 1



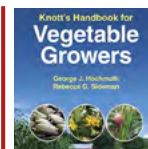
Small-Scale  
Fresh Market  
Potato Variety  
Trial Results

PAGE 4



2022 Fungicide  
Trials for White  
Mold Control in  
Snap Beans

PAGE 5



Knott's Handbook  
for Vegetable  
Growers: 6th  
Edition Now  
Available

PAGE 6

## Late Fall Soil Tests on Urban Farms

Judson Reid, Cornell Cooperative Extension, Cornell Vegetable Program

Urban farms typically have limited land bases, which places great importance on soil health, nutrient management, and crop rotation. As part of a USDA NRCS Conservation Innovation Grant, we are examining best management practices on urban farms to create greater understanding of long term soil sustainability.

Research objectives of this project focus on soil management impacts to soil structure, chemistry, and biological activity. One of our guiding Evaluation Questions for this project is: *Does the implementation of Best Management Practices such as pH management and/or cover cropping lead to enhanced microbial communities in high organic matter soils?*

To answer this question, we are working with farms in Buffalo, Rochester, and New York City to implement cover crops, pH management and other practices, coupled with a set of soil tests that look at nutrients, microbial activity and soil structure.

One of our initial lessons is that microbial populations in these high organic matter soils are indeed



Soil testing is critical to managing both high tunnel and urban high organic matter soils. Photo: Judson Reid, CCE Cornell Vegetable Program

continued on [page 3](#)

## About VegEdge

VegEdge newsletter is exclusively for enrollees in the Cornell Vegetable Program, a Cornell Cooperative Extension partnership between Cornell University and CCE Associations in 14 counties.



The newsletter is a service to our enrollees and is intended for educational purposes, strengthening the relationship between our enrollees, the Cornell Vegetable Program team, and Cornell University.

We're interested in your comments. Contact us at:  
CCE Cornell Vegetable Program  
480 North Main Street, Canandaigua, NY 14224  
Email: [cce-cvp@cornell.edu](mailto:cce-cvp@cornell.edu)  
Web address: [cvp.cce.cornell.edu](http://cvp.cce.cornell.edu)

### Contributing Writers

Elizabeth Buck  
Robert Hadad  
Christy Hoepting  
Margie Lund  
Julie Kikkert  
Judson Reid

### Publishing Specialist/Distribution/Sponsors

Angela Ochterski

VegEdge is published 25 times per year, parallel to the production schedule of Western New York growers. Enrollees in the Cornell Vegetable Program receive a complimentary electronic subscription to the newsletter. Print copies are available for an additional fee. You must be enrolled in the Cornell Vegetable Program to subscribe to the newsletter. For information about enrolling in our program, visit [cvp.cce.cornell.edu](http://cvp.cce.cornell.edu). Cornell Cooperative Extension staff, Cornell faculty, and other states' Extension personnel may request to receive a complimentary electronic subscription to VegEdge by emailing Angela Ochterski at [aep63@cornell.edu](mailto:aep63@cornell.edu). Total readership varies but averages 700 readers.

Information provided is general and educational in nature. Employees and staff of the Cornell Vegetable Program, Cornell Cooperative Extension, and Cornell University do not endorse or recommend any specific product or service.

This publication contains pesticide recommendations. Changes in pesticide regulations occur constantly and human errors are possible. Some materials may no longer be available and some uses may no longer be legal. All pesticides distributed, sold or applied in NYS must be registered with the NYS Department of Environmental Conservation (DEC). Questions concerning the legality and/or registration status for pesticide usage in NYS should be directed to the appropriate Cornell Cooperative Extension (CCE) specialist or your regional DEC office.

CCE and its employees assume no liability for the effectiveness or results of any chemicals for pesticide usage. No endorsement of products or companies is made or implied. READ THE LABEL BEFORE APPLYING ANY PESTICIDE.

.....  
**Help us serve you better by telling us what you think. Email us at [cce-cvp@cornell.edu](mailto:cce-cvp@cornell.edu) or write to us at Cornell Vegetable Program, 480 North Main Street, Canandaigua, NY 14224.**



# Contents

Late Fall Soil Tests on Urban Farms .....	1
Storm Damage Assessment .....	2
Small-Scale Fresh Market Potato Variety Trial Results .....	4
2022 Fungicide Trials for White Mold Control in Snap Beans .....	5
Knott's Handbook for Vegetable Growers: 6th Edition Now Available .....	6
DEC Changes Registration Status for Neonicotinoid Pesticide Products .....	6
Census of Agriculture .....	6
Upcoming Events .....	7
Farm Business Recordkeeping for the Global Majority Series .....	7
GAPs Training – Understanding Food Safety on the Farm .....	7
New York Soil Health Summit .....	7
New England Vegetable & Fruit Conference .....	7
Cornell Potato Show and Tell .....	7
Finger Lakes Produce Auction Winter Growers Meeting 2023 .....	7
Exploring the Small Farm Dream .....	8
High Tunnel Winter Greens Workshop .....	8
2023 Produce Auction Growers Meeting .....	8
Genesee Valley Produce Auction Winter Meeting .....	8
Vegetable Seed Production Course and Mentorship .....	8
NOFA-NY Virtual Winter Conference .....	9
2023 Empire State Producers EXPO and Becker Forum .....	9
Ontario (Canada) Fruit & Veg Conference .....	9
New York State Farmers' Market Resiliency Grant Program .....	9
Contact Us .....	10

**Cornell University and the CCE Cornell Vegetable Program will be closed from December 24 - January 2. The next issue of VegEdge newsletter will be produced on January 4, 2023.**

## Storm Damage Assessment

*Cornell Cooperative Extension*



New York State Department of Agriculture and Markets has asked CCE to help collect reports of storm damage related to the November snow and wind event. Damage to greenhouses, high tunnels, barns, and other agricultural structures, as well as other associated losses like cancelled marketing opportunities, can be [reported online](#) in under 5 minutes. A phone option is available at 716-652-5400 (CCE Erie office). ●



moderate to high in many cases. In fact, these high organic matter soils, with the presence of microbial populations are able to create nitrogen positive environments for crops, in the absence of major fertilizer inputs. The tests we rely on to gather these data include CO<sub>2</sub> Burst and Solvita Labile Amino Nitrogen (SLAN). Let’s discuss what these tests mean.

CO<sub>2</sub> Burst is a capture of microbial respiration; in short, a measure of microbe quantity in the soil, without indicators of species or diversity. The working assumption is the higher the CO<sub>2</sub> Burst, the more microbes available to breakdown organic matter into plant available forms of nutrients, including nitrogen. SLAN measurements confirm amino acid forms of nitrogen are actually present, and will eventually become available for plant uptake.

It follows that high organic matter soils, with moderate to high microbial respiration rates will release nitrogen over the long term for organic crop production. An initial finding of our research indicates that urban agriculture soils may be well positioned to sustain crops with decreased fertilizer inputs, compared to rural soil with higher mineral fractions.

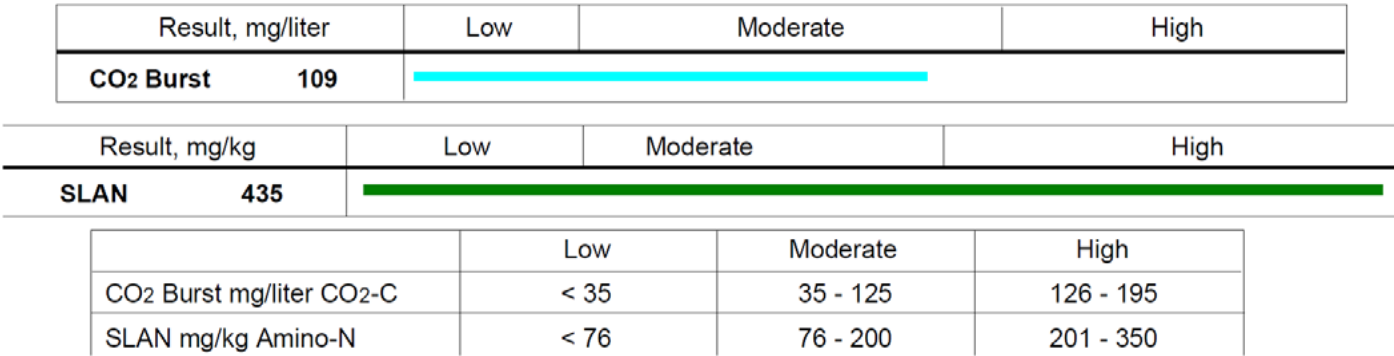


Figure 1. Moderate to high microbial respiration rates coupled with high organic matter can lead to high levels of amino acid forms of nitrogen.

However, as farmers push organic matter levels through the roof, chemical imbalances can occur. For example, calcium, phosphorus and pH can become excessive. Despite the delivery of organic forms of nitrogen, vegetable crops will suffer when excess phosphorus and calcium decrease the availability of potassium and micronutrients such as zinc and iron. Urban farmers have reported decreased yield of pH sensitive crops such as arugula and ground cherries.

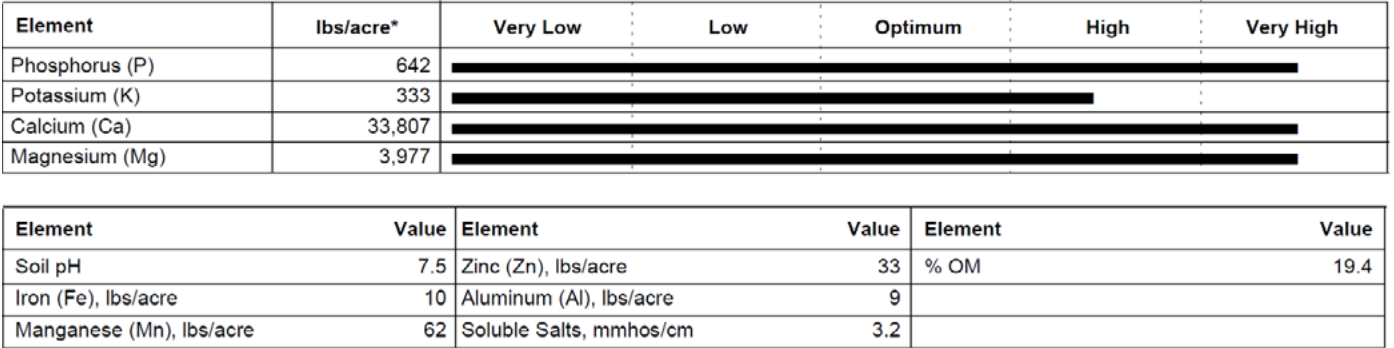


Figure 2. Excess pH and phosphorus lead to poor crop health by restricting uptake of other nutrients.

So, how do we balance the benefits of high organic matter with the risks of excess pH and nutrients? A common approach is to apply elemental sulfur on an annual basis, ideally in the fall. Although farmers do see some benefits from fertilizer applications, we don’t see a need for additional phosphorus, calcium or magnesium at most of our cooperating urban farms. This suggests we avoid products with pre-packaged forms of those nutrients. As we continue to explore cover cropping in urban settings, our hope is that we can increase microbial populations, which will further liberate nitrogen from these high organic matter soils for crop health without additional inputs.

We are still in a learning phase for this project, but initial takeaways include:

- Additions of high organic matter to urban soils has benefits and risks
  - Organic matter and healthy microbes can decrease fertilizer dependency.
  - High organic matter additions drive pH and nutrient imbalances.
  - Urban farmers are knowledge pioneers in this field and contributing to community needs.

Stay tuned for more updates on this work!



Our preliminary research indicates higher organic matter coupled with healthy microbial populations reduces the need for fertilizer inputs. Photo: J. Reid, CCE ●

# Small-Scale Fresh Market Potato Variety Trial Results

Margie Lund and Robert Hadad, Cornell Cooperative Extension, Cornell Vegetable Program

This year, the Cornell Vegetable Program planted a potato variety trial focused on commercially available fresh market potato varieties, with the small-scale potato grower in mind. This trial allowed us to test different varieties of potatoes that might be of interest to consumers at farm markets and see how well they perform in a western NY climate. Below we share overall yield results from the trial as well as some details on some stand out varieties. A more detailed report of each variety grown, and our harvest data will be available in the next couple weeks on the Cornell Vegetable Program website.

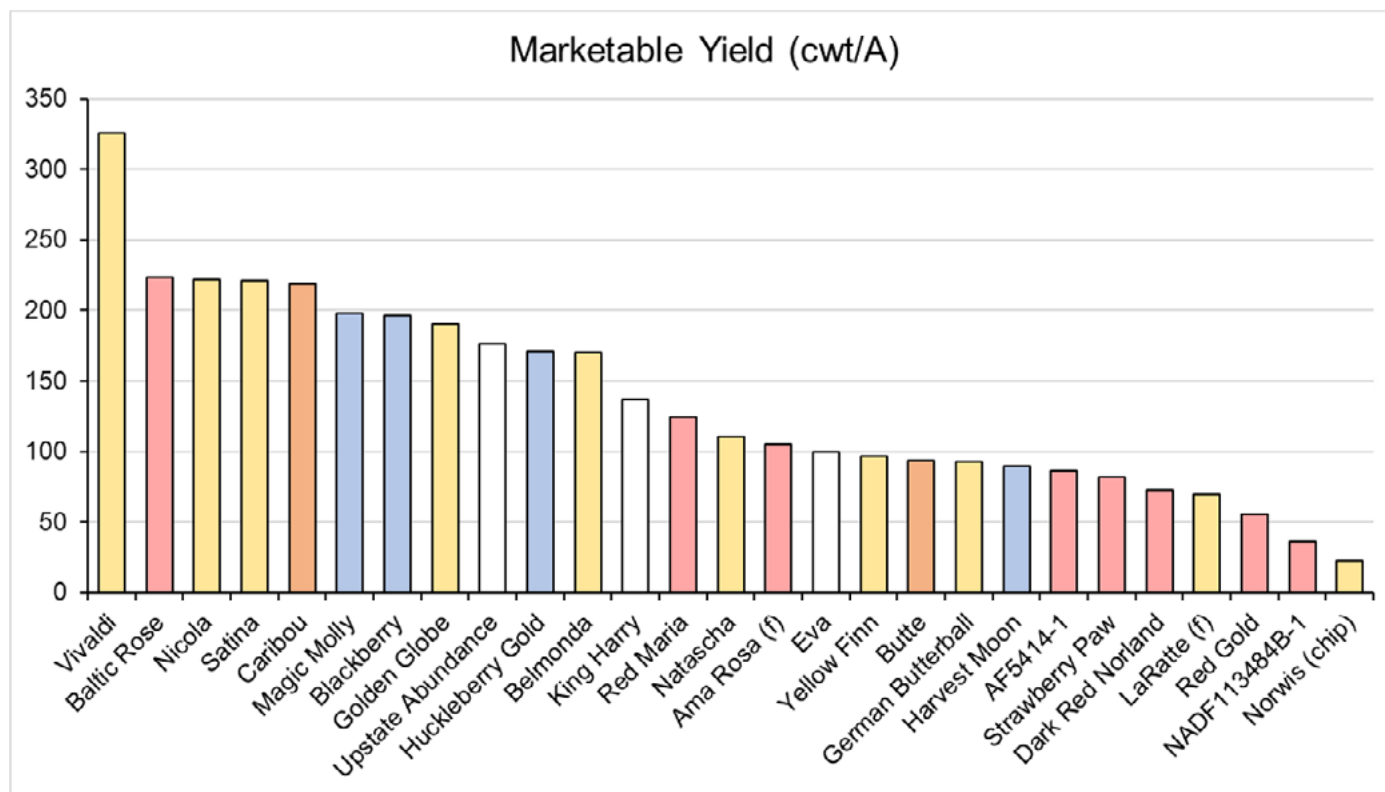


Figure 1. Marketable yield of all varieties in this year's small-scale fresh market potato variety trial. Varieties are color coded according to skin color (yellow, red, white, purple, and russet). Vivaldi highly outyielded all other varieties, and Norwis performed the worst in the trial.

Vivaldi (yellow skin, yellow flesh) was a standout variety in the trial and the highest yielding yellow skin variety. In our trial, Vivaldi showed some netting and scab, but otherwise performed well. Baltic Rose (red skin, yellow flesh) was the standout of the red skinned varieties and second highest performer in the trial overall. This variety showed some scab as well as color variation among tubers and skinning, but overall tubers were a nice size. Among the white skinned varieties, Upstate Abundance (white skin, white flesh) performed the best with tubers looking very nice with smooth skins. In the purple skinned varieties Magic Molly and Blackberry (both varieties purple skin, purple flesh) were neck and neck. Magic Molly produced nice oblong tubers and Blackberry produced deep purple round tubers, both with some scab and skinning present. Lastly, we grew two russet varieties in this trial, with Caribou yielding the highest. However, due to our hot summer we did see a large amount of internal browning in this variety.



For questions on the trial and any varieties featured above, or if you would like to be emailed a copy of the full report once it is released, please email Margie Lund at [mel296@cornell.edu](mailto:mel296@cornell.edu).

# 2022 Fungicide Trials for White Mold Control in Snap Beans

Sarah Pethybridge and Sean Murphy, Cornell University, and Julie Kikkert, CCE Cornell Vegetable Program

White mold, caused by the fungus, *Sclerotinia sclerotiorum*, is one of the diseases that seems synonymous with snap bean production! Although, *S. sclerotiorum* is able to infect and cause disease in a broad range of vegetable and field crops, and broad-leaf weeds in the typical NY cropping rotation, snap beans are prone to outbreaks. *S. sclerotiorum* thrives in relatively mild (<85°F), humid and wet conditions, like what we experienced in the latter part of the cropping season this year. In years with conducive conditions, and particularly, fields with a history of white mold, fungicides can provide disease control.

## White Mold Control

To achieve optimal white mold control from fungicides, timing is the key! The first application should coincide with 10% flowering (this means that 10% of the plants will have at least one open flower). If a second application is warranted (when risk is very high), this should be applied at 100% flowering (all plants with at least one open flower). The time between the first and second application can vary depending upon variety and weather and hence flower development should be watched carefully.

There are multiple labelled products for white mold control in snap bean. This year, we conducted a replicated field trial at Cornell AgriTech, Geneva, to see how some of the newer products would perform. The trial was planted on July 5<sup>th</sup> with snap bean cv. Huntington, using a Monosem planter at standard plant populations and 30 in. row spacing. The selected fungicides were applied at 42 and 49 days after planting, coinciding with 10% and 100% flowering. The entire trial area was also inoculated with *S. sclerotiorum* ascospores and achieved 76.8% of plants and 31.4% of pods affected by white mold in nontreated plots (those inoculated but did not receive fungicides).

All products tested provided significant reductions in the incidence of white mold on plants and pods. Topsin 4.5 FL was included as the current industry conventional standard and provided excellent white mold control. However, Ecoswing, Badge X2 + Ecoswing, Curezin (at both rates tested), LifeGard, Howler and Theia, also provided excellent white mold control, that was not significantly different from Topsin 4.5 FL (Table 1). All these products, except for Topsin 4.5 FL, and Curezin (registration pending) are approved for use in organic agriculture but also provide FRAC group rotational options to reduce the risk of fungicide resistance development within the *S. sclerotiorum* population (Table 2).

**Table 1. Effect of selected fungicides on the incidence of white mold in snap beans at Geneva in 2022.**

Product (rate/A)	Incidence of plants with white mold (%)*	Incidence of pods with white mold (%)*
Badge X2 (32 oz)	38.6 b	11.5 b
Ecoswing (32 fl oz)	17 bc	6.2 bc
Badge X2 (32 oz) + Ecoswing (32 fl oz)	20.8 bc	6 bc
Curezin (10 ml/2 L)	1.4 c	1 c
Curezin (5 ml/2 L)	22.6 bc	4.3 bc
Howler (5 lb)	14.8 bc	1.5 c
LifeGard (4.5 oz/100 gall)	9.1 c	3.3 bc
Theia (3 lb)	21.7 bc	5.1 bc
Topsin 4.5 FL (30 fl oz)	0 c	0 c
Nontreated control	76.8 a	31.4 a

\*Letters following the incidence values indicate significant differences. Values with the same letters indicate treatments are not significantly different between each other. Treatments designated with different letters are significant different.

## Resources

[Management of White Mold in Beans, VegEdge, July 31, 2019](#)

[Cornell White Mold Fact Sheet](#)

For further information, contact: Dr. Sarah Pethybridge ([sjp277@cornell.edu](mailto:sjp277@cornell.edu)) or call Julie Kikkert at 585-313-8160.

**Table 2. Additional details of the fungicides tested for white mold control in snap beans.**

Product	Active Ingredient	Source company	FRAC group*	OMRI-listed?	Status of registration on succulent beans in NY
Badge X2	Copper oxychloride + copper hydroxide	Gowan Company	M 01	Yes	Registered**
Ecoswing	Extract of <i>Swinglea glutinosa</i>	Gowan Company	BM01	Yes	Registered**
Curezin	Copper + zinc compounds	VM AgriTech	Not yet assigned	Status pending	Registration pending
Howler	<i>Pseudomonas chlororaphis</i> strain AFS009	AgBiome Innovations	BM02	Yes	Registered
Theia	<i>Bacillus subtilis</i> strain AFS032321	AgBiome Innovations	BM02	Yes	Registration expected early 2023
LifeGard	<i>Bacillus mycoides</i> Isolate J	Certis Biologicals	BM02	Yes	Registered
Topsin 4.5 FL	Thiophanate-methyl	United Phosphorus Inc.	1	No	Registered

\*Fungicide Resistance Action Committee.

\*\*Registered for use on succulent beans in NY. A FIFRA 2ee is currently being sought for white mold control. ●



## Knott's Handbook for Vegetable Growers: 6th Edition Now Available

Robert Hadad, Cornell Cooperative Extension, Cornell Vegetable Program

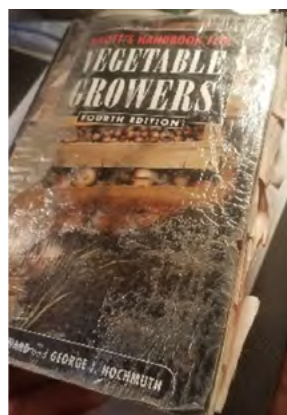
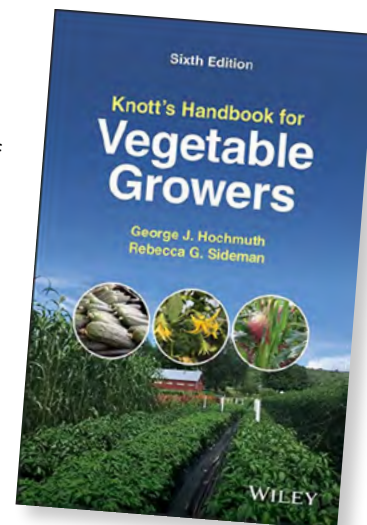
The 6th edition of Knott's Handbook for Vegetable Growers has recently been published by Wiley Press. This edition was compiled and updated by Dr. George J. Hochmuth, Soil, Water, and Ecosystem Sciences, University of Florida – Gainesville, and Dr. Rebecca G. Sideman, Dept. Agriculture, Nutrition and Food Sciences, University of New Hampshire. The first edition was written by Dr. James E. Knott back in 1956. Dr. Don Maynard took on the task of updating 3 of the 6 editions.

This handbook has been viewed as the **go-to growers' resource for vegetable production**. Saying that it was "just vegetable production" is quite an understatement. With the last couple of editions topping out at over 560 pages, this resource has always been jam-packed with information from vegetable production statistics, to row and field spacing, to number of seeds in an ounce or pound, to yields, and much more!

Most of the handbook is made up of lists, charts (plenty of charts!), equations, and topic descriptions. Because of the charts and lists, a huge amount of information is available at your fingertips. I would suggest you go over this book with a highlighter and mark all the chart and list items that are specific to your farm. This makes going back and finding something very easy. In the last edition I owned, I tabbed the pages as well, making finding specific information a lot quicker.

As usual, the first chapter gives information on the vegetable industry. The next following chapters cover seeds, seedlings/transplants, greenhouse and protected agriculture production, field planting. The next set of chapters go into soils and fertilizers (very informative charts on fertigation including mixing and flow rate etc.), water and irrigation, pests and problems, and weed management. The handbook finishes with sections on computer-based management technologies and then harvesting, handling and storage. There is also an extensive Appendix section with references and websites for further information.

The 6th edition has over 580 pages. The cost depends on the source and can be found from \$80 and up. It may be expensive but the answers to many, many vegetable production questions are here! The more you go through the chapters, the answers to questions you didn't even know you had will be found in this book!



Robert Hadad's old dog-eared version with tabs has seen better days but is a testament to how often it has been used! Photo: R. Hadad, CCE ●

## DEC Changes Registration Status for Neonicotinoid Pesticide Products

**Growers will now need a spray license for all neonic (Group 4) products**

Effective January 1, 2023, pesticide products containing **imidacloprid, acetamiprid, and thiamethoxam** that are labeled for foliar, outdoor use, and/or seed treatment will be reclassified as "restricted use" pesticides in NYS. This reclassification will ensure proper use by trained, licensed applicators and also require sales and use data of neonics to be annually reported to the DEC.

For more information on the January 2023 reclassification of neonic pesticides, visit DEC's [Bureau of Pesticides Management webpage](#). ●

## Census of Agriculture

The Census of Agriculture is taking place this month! Every five years, the USDA takes a Census of Agriculture to update its complete count of America's farms and the hardworking people who run them.

The census provides valuable information used at the local, state, and national levels to plan for the future and help ensure our country's agricultural community receives the resources it needs. Participating helps inform decisions about policy, conservation programs, infrastructure, education, and more. It is also the only source of uniform, comprehensive, and impartial agricultural data for every county and state in the country. Make every voice count in the future of agriculture by participating in the census!

For more information on the Census of Agriculture, visit <https://www.nass.usda.gov/AgCensus/>.

➡ **Didn't receive a Census by email or mail?** Sign up online at <https://www.agcounts.usda.gov/static/get-counted.html> ●

## Upcoming Events

### Farm Business Recordkeeping for the Global Majority Series

This 10-part, bi-weekly online course, by Michigan State University's Center for Regional Food Systems, is for farmers of color to learn how to enhance cash flow, profitability, and financial performance. Hear from BIPOC experts in the areas of Social Justice, Black Agrarianism, Urban Farming, Accounting, Finance, Lending and Marketing between November 2022 and May 2023. This content requires about 5 hours per month and provides successful participants with a stipend. [Learn more and register.](#)

### GAPs Training – Understanding Food Safety on the Farm

December 9, 2022 (Friday) | 9:00 am - 4:00 pm

CCE Yates County, Yates Co. Office Bldg, 417 Liberty St, Penn Yan, NY 14527

Join the CCE Cornell Vegetable Program and CCE Yates County for a workshop that will provide you with the *why's* behind food safety recommendations along with practical, farm-based ideas to improve food safety on your farm. We'll cover manure management, packing house cleaning and sanitizing, water testing, and more. Going through a GAPs audit? This class will provide you with a food safety training course!

Cost: \$5 (a pizza lunch is included). Registration: Contact CCE Yates at 315-536-5123. For more information about the topics of the meeting, contact Robert Hadad at [rgh26@cornell.edu](mailto:rgh26@cornell.edu) or 585-739-4065.

### New York Soil Health Summit

December 13, 2022 (Tuesday) | 9:00 am - 12:00 pm

free virtual conference

All farmers, researchers, agriculture service providers, government agencies, non-profits, and policy-makers interested in advancing soil health efforts across the state are invited to the second New York Soil Health Summit (virtual). Topics include farmer panels, research lightening talks, agency updates, and more. Visit the Summit webpage for complete details on the agenda and invited speakers: <https://www.newyorksoilhealth.org/summit/>

[Register for New York Soil Health Summit](#) at [https://cornell.zoom.us/webinar/register/7016688753049/WN\\_eFcHWORVT\\_GcLbHLvPONCQ](https://cornell.zoom.us/webinar/register/7016688753049/WN_eFcHWORVT_GcLbHLvPONCQ)

Following the main Summit, attendees are invited to continue for a workshop from 1-2 pm to contribute critical feedback on an update to the NY Soil Health Roadmap released in 2019.

### New England Vegetable & Fruit Conference

December 13-15, 2022

DoubleTree Hotel and Conference Center, Manchester, New Hampshire

<https://newenglandvfc.org/registration/>

### Cornell Potato Show and Tell

December 16, 2022 (Friday) | lunch starts at 11:30 am with the meeting to follow

Plant Breeding field house (aka H.H. Love Laboratory), Caldwell Road, Ithaca, NY

We are excited to announce the return of the Potato Show and Tell being held in Ithaca, NY on December 16th. Come learn about the Cornell Potato Breeding Program and hear updates from Walter De Jong on the results from recent potato variety trials, including chipping and fresh market varieties.

Pre-registration is not required, and this event is FREE to attend! Please note: the Traffic Division patrols the field house parking area. When you arrive, please ask us for a permit to place in your vehicle. Reach out to Margie Lund ([mel296@cornell.edu](mailto:mel296@cornell.edu); 607-377-9109) with any questions.

### Finger Lakes Produce Auction Winter Growers Meeting 2023

January 5, 2023 (Thursday) | 9:00 am - 3:00 pm; arrive early to sign up for DEC credits

Finger Lakes Produce Auction, 3691 NY-14A, Penn Yan, NY 14527

This course will present information on insect and disease management in fresh market vegetables in both field and greenhouse (high tunnel) vegetables, primarily for those growing for wholesale auction. Grafting, biological, and where appropriate, conventional spray options will be discussed. A portion of the meeting will include irrigation and soil nutrient

*continued on page 8*

## Upcoming Events *continued*

management applicable to all farmers. One general session will include updates from the Food Safety Modernization Act. Judson Reid, Senior Extension Associate with the Cornell Vegetable Program along with CCE staff will instruct participants and facilitate peer-based learnings.

2.25 DEC credits will be offered in categories 10, 1a, 23, 24. For more information on this FREE event, contact Judson Reid at 585-313-8912.

### Exploring the Small Farm Dream

January 5, 12, 19, 16, 2023 (Thursdays) | 6:30 pm - 9:00 pm  
live online Zoom classes

Are you trying to decide if starting a farm business is right for you? This four-session course designed by the New England Small Farm Institute and taught by trained facilitators includes exploratory discussion, curated research tools, and self-assessment activities plus a workbook for hands-on application both during class and at home. Hear from subject matter experts, community partners, and existing farmers each week. By the end of the series, you will create an action plan that works best for you and will have the tools and contacts to help you get started.

Fee: \$50/prospective business; optional \$25 workbook

[More info/register:](https://web.cvent.com/event/71083f73-dcf4-4526-8c24-f3aa59021e74/summary) <https://web.cvent.com/event/71083f73-dcf4-4526-8c24-f3aa59021e74/summary>

### High Tunnel Winter Greens Workshop

January 9, 2023 (Monday) | 9:00 am - 12:00 pm  
Zoom webinar

Winter greens production has greatly expanded in the Northeast with increased construction of high tunnels on farms and demand for year-round local food from consumers. In this workshop, we will address common pest and disease problems that arise with winter growing, how to reduce food safety risk in your leafy greens, and tips for marketing and packaging greens to increase sales in the winter months. 1.5 DEC credits in categories 1A, 10, and 23.

Cost: \$20 per person—Pre-registration is required. [For more information and to register](https://enych.cce.cornell.edu/event.php?id=1714), visit <https://enych.cce.cornell.edu/event.php?id=1714>. This event is hosted by CCE ENY Commercial Horticulture Program.

### 2023 Produce Auction Growers Meeting

January 18, 2023 (Wednesday) | 9:00 am registration and DEC sign-up; 9:30 - 2:45 pm meeting  
Ontario Produce Auction, 4860 Yautzy Rd, Stanley, NY 14561

This course will educate growers on disease and pest management, varieties and marketing issues in field grown vegetables and greenhouse flowers. Topics such as disease resistant varieties, pest/disease, cultural management, biological controls and appropriate spray options. 2.0 re-certification credits have been requested in categories 10, 1a, 23, and 24.

### Genesee Valley Produce Auction Winter Meeting

January 18, 2023 (Wednesday)

Save the date! More information will be available soon!

### Vegetable Seed Production Course and Mentorship

February 2023

In order to increase the number of growers able to produce high quality, regionally adapted seed in the northeast, a group of educators, experienced seed producers, and regional seed companies will be working together to offer training in seed production and a guaranteed market for specific seed crops during 2023 and 2024.

This program launching this winter is for vegetable growers interested in producing seed for their own use, community use, or to sell back to seed companies. Folks will start with a kickoff at the Northeast Regional Seed Conference in February, followed by a 7-week online course and year-long farmer-to-farmer mentorship on a specific seed crop. Growers who want to sell seed will be paired with a seed company who is committed to buying back seed that meets quality standards.

More information on the project or to sign up, contact Crystal Stewart-Courtens of the CCE ENY Commercial Horticulture Program at [cls263@cornell.edu](mailto:cls263@cornell.edu) or 518-775-0018.

*continued on page 9*



## Upcoming Events *continued*

### NOFA-NY Virtual Winter Conference

February 2-5, 2023

<https://nofany.org/2023conference/>

### 2023 Empire State Producers EXPO and Becker Forum

February 6-7, 2023

Becker Forum: February 8, 2023

Oncenter Syracuse, 411 Montgomery St, Syracuse, NY 13202

This annual show is hosted by the New York State Vegetable Growers Association in order to provide a comprehensive trade show and educational conference for New York producers, as well as neighboring states and Eastern Canada. This years conference has been planned exclusively by the New York State Vegetable Growers Association. Each session has been planned to encapsulate what Farmers want to learn and hear about. The show is going back to its roots, sessions that Farmers are interested in and lots of networking opportunities. Panel discussions feature some of the top industry experts and growers in New York. Between educational sessions, attendees can visit the trade show featuring commercial vendors and non-profit exhibitors. Session topics include commodity specific programs in, sweet corn, onions, cabbage, soil health, high tunnel, disease management, tomatoes, snap beans, and cucurbits. DEC pesticide recertification credits will be offered during the appropriate educational sessions. Registration will open in January 2023.

### Ontario (Canada) Fruit & Veg Conference

February 22-23, 2023

Niagara Falls Convention Center, Niagara Falls, Ontario

Examples of sessions: problematic pathogens of tomatoes and peppers, maximizing your fertility dollars, innovations in weed management, berries, irrigation, brassica pests, pumpkins & sweet corn plus a large trade show.

\$55 tradeshow only, \$80 single day, \$120 two-day entry. All prices in Canadian Dollars.

[Full details available online](https://www.ofvc.ca/sessions.html) at <https://www.ofvc.ca/sessions.html>

## New York State Farmers' Market Resiliency Grant Program

The NYS Department of Agriculture and Markets announced \$700,000 in grant funding is available to New York State's farmers' markets! The Farmers' Market Resiliency Grant Program will help farmers' markets strengthen their resiliency and make local food accessible to more consumers.

[Learn more and apply](#) by December 15, 2022. ●

## VEGEdge SPONSORS



Mitchell Young, 603-393-3448  
James Young, 269-945-7799  
[www.takii.com](http://www.takii.com)



Vegetable Seeds for Professionals  
315-789-4155  
[www.bejoseeds.com](http://www.bejoseeds.com)



[www.cecrock.com](http://www.cecrock.com)  
Stafford, NY (585) 345-4141  
Pavilion, NY (585) 584-3036



Contact Judy Collier  
(302) 542-4665

Leading the way in Biopesticide options for fruit, vegetables and more



Pest control products for fruit, vegetable and field crops.  
Alex Deckey, 845-745-9246



Growmark FS - Filling Your Crop Needs  
Elba Muck 716-474-0500 | Caledonia 585-538-6836  
Knowlesville 585-798-3350 | Batavia 716-253-0259

GROWMARK



Call 800-544-7938 for sales or visit [www.harrisseed.com](http://www.harrisseed.com)  
A Grower Friendly Company



People...Products...Knowledge...

Medina, NY... (585) 798-6215  
Geneva, NY... (315) 789-4450  
Genoa, NY... (315) 497-2713



SEEDWAY Vegetable Seeds  
800-952-7333 | [www.seedway.com](http://www.seedway.com)  
We are focused on quality seed and service!



Randy DeMay, 585.747.3379  
Dominick Levari, 856.777.0817  
[www.stokeseeds.com](http://www.stokeseeds.com)

# Cornell Cooperative Extension Cornell Vegetable Program

480 North Main Street  
Canandaigua, NY 14424

# VEGEdge

YOUR TRUSTED SOURCE FOR RESEARCH-BASED KNOWLEDGE

# VEGEdge

YOUR TRUSTED SOURCE FOR RESEARCH-BASED KNOWLEDGE

VegEdge is the highly regarded newsletter produced by the Cornell Vegetable Program. It provides readers with information on upcoming meetings, pesticide updates, pest management strategies, cultural practices, marketing ideas, and research results from Cornell University and Cornell Cooperative Extension. VegEdge is produced every few weeks, with frequency increasing leading up to and during the growing season.

## Contact Us

### VEGETABLE SPECIALISTS

**Elizabeth Buck** | 585-406-3419 cell | [emb273@cornell.edu](mailto:emb273@cornell.edu)  
fresh market vegetables, weed management, soil health

**Robert Hadad** | 585-739-4065 cell | [rgh26@cornell.edu](mailto:rgh26@cornell.edu)  
farm food safety, organic, business & marketing, fresh market vegetables

**Christy Hoepting** | 585-721-6953 cell | [cah59@cornell.edu](mailto:cah59@cornell.edu)  
onions, cabbage, broccoli, garlic, pesticide management

**Julie Kikkert, Team Leader** | 585-313-8160 cell | [jrk2@cornell.edu](mailto:jrk2@cornell.edu)  
processing crops (table beets, carrots, peas, snap beans, sweet corn)

**Margie Lund** | 607-377-9109 cell | [mel296@cornell.edu](mailto:mel296@cornell.edu)  
potatoes, dry beans, post-harvest handling and storage

**Judson Reid** | 585-313-8912 cell | [jer11@cornell.edu](mailto:jer11@cornell.edu)  
greenhouses/high tunnels, small farming operations, fresh market vegs

### PROGRAM ASSISTANTS

Sarah Caldwell | [sv483@cornell.edu](mailto:sv483@cornell.edu)

Nina Gropp | [ng392@cornell.edu](mailto:ng392@cornell.edu)

Lori Koenick | [lbk75@cornell.edu](mailto:lbk75@cornell.edu)

Angela Ochterski | [aep63@cornell.edu](mailto:aep63@cornell.edu)

### ADMINISTRATION

Peter Landre | [ptl2@cornell.edu](mailto:ptl2@cornell.edu)

Steve Reiners | [sr43@cornell.edu](mailto:sr43@cornell.edu)

**Cornell Cooperative Extension  
Cornell Vegetable Program**

For more information about our program, email [cce-cvp@cornell.edu](mailto:cce-cvp@cornell.edu) or visit [CVP.CCE.CORNELL.EDU](http://CVP.CCE.CORNELL.EDU)



*Cornell Cooperative Extension is an employer and educator recognized for valuing AA/EEO, Protected Veterans, and Individuals with Disabilities and provides equal program and employment opportunities.*