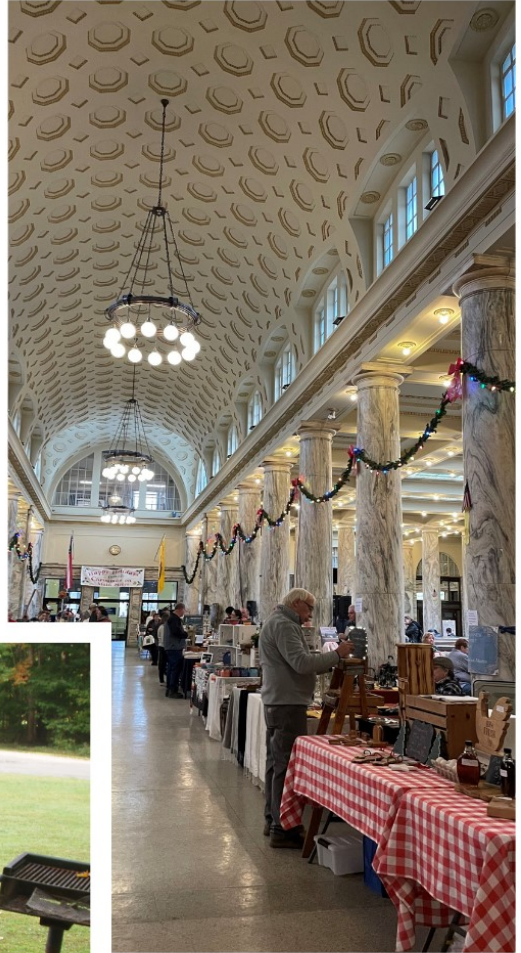


Cornell Cooperative Extension Oneida County

FARM FLASH



NOVEMBER 2023

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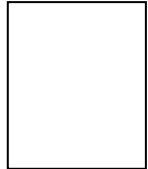
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2023 Conservation Education Days (CED)

CED took place over two days at the end of September. Over 750 6th grade students from Oneida County attended the event at Delta Lake State Park. They rotated through 15 stations with the goal of gaining a greater understanding of New York and Conservation Practices.

Thank you to all of our presenters who took time out of their day to attend!

Upcoming Events

Taste of CNY

Join us on November 4th from 11:00am-2:00pm at North Star Orchards, 4741 NY 233, Westmoreland NY 13490, to shop and sample locally grown and produced foods!

Oneida County Public Market Heads Inside

The public market is heading inside for the winter and holiday season.

The market will be every Saturday November 1st-December 23rd (No market on 11/18 due to Christmas on Main St Event) from 9:00 am to 1:00pm

Farm Asset Protection Strategies Workshop

Cornell Cooperative Extension and the Regional Capital Area Agriculture & Horticulture Program are pleased to present **Farm Asset Protection Strategies: Safeguarding Agricultural Legacies for Future Generations**, a workshop on farm asset protection to help you preserve long-standing agricultural legacies. In these uncertain times, safeguarding valuable farm assets has become paramount to ensure our farming communities' continued success and sustainability.

The workshop will be held on Wednesday, November 29, 2023, at CCE Oneida County, 121 Second Street, Oriskany, NY 13424. The cost to participate in this workshop is \$10 per person. The workshop will start at 10:00 AM and will conclude at 2:30 PM. Morning refreshments and lunch are provided.

Each participant will receive written materials and a flash drive containing various resources. For assistance in registration, contact Maryellen Baldwin 315-736-3394 ext.177 or mfw73@cornell.edu or register online at https://reg.cce.cornell.edu/FarmAssetProtection_230

Crop Congress

Oneida County Crop Congress will be held on January 4th, 2024 at the Clinton VFW, sponsored by Clinton Tractor and Implement Co.

Registration is required **BY December 29th**. Call Danielle at (315) 404-8423 or by email Danielle@clintontractor.net

Meet CCE Oneida's New Ag Educators!

*Continued on Page 7

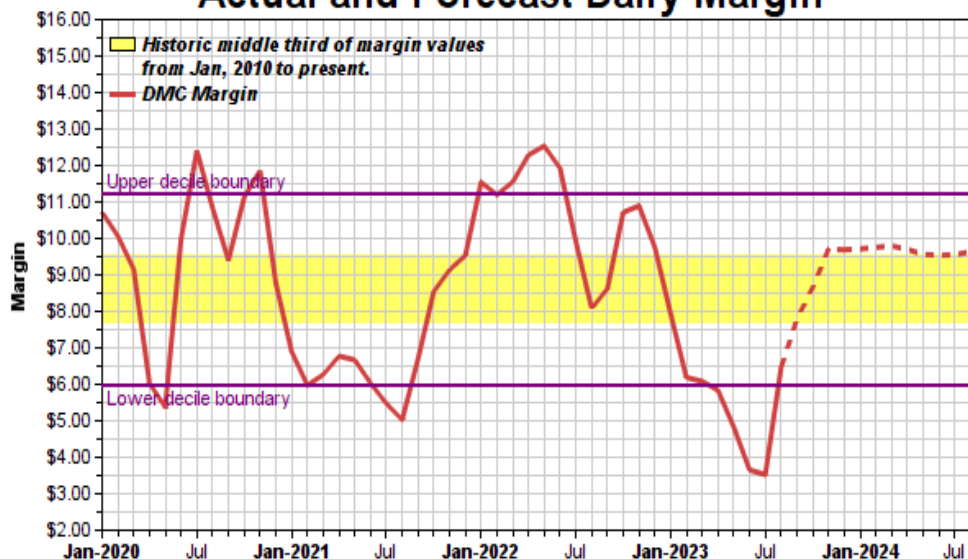
I want to take some time and introduce myself as a new Ag Educator for CCE Oneida. My name is Chelsi Thibodeaux and I am new to New York State. I moved my family up from Louisiana one year ago for the undeniable work and leisure opportunities this beautiful state can provide.



I am married and have two children who love every critter and creature. We have really been taking in everything this area has to offer, especially the expanse of agricultural fields that dress the rolling landscape, as well as the limitless hospitality we have experienced thus far everywhere we have explored.

I graduated from the University of Louisiana at Lafayette with a degree in Sustainable Ag, with a concentration in Animal Science. This is where my appreciation for agriculture got its start. My aim is to establish connections, while expanding my knowledge base to better serve our community as an asset to ag education.

Actual and Forecast Dairy Margin



Boost Your Immunity with Homemade Fire Cider

Olivia Raynard

As the cooler weather begins to creep up on us here in Central New York, colds and viruses are also starting to ramp up for their time to shine. This means it's time to whip out the mason jars and start brewing some fire cider! Fire cider is a potent natural tonic used to help fend off winter colds, flues, and other viruses. According to the Old Farmer's Almanac, "there have been several studies shown that the tonic helps the body balance blood sugar levels and to fight infections." Fire cider does have to go through a food preservation process known as fermentation to achieve full health benefits.

Fermentation is the chemical breakdown of substance by bacteria, yeasts, or other microorganisms. Often times fermentation requires a scoby mother, a symbiotic culture of bacteria and yeast, in order to complete the fermentation process. For fire cider, you can purchase a raw unfiltered apple cider vinegar, I typically purchase the Bragg's brand. You want raw because it will have a small amount of the scoby microorganisms present to initiate the fermentation process. Find the recipe for Fire Cider below from the Old Farmer's Almanac.

Ingredients:

- Start with a quart (4 cups) of raw, unfiltered apple cider vinegar (at least 5% acidity)
- About 1/3 cup grated horseradish and ginger roots
- 1/4 cup peeled and diced turmeric (or 2 tablespoons dried, powdered turmeric)
- Half a dozen cloves of mined garlic
- 1.3 cup peeled and diced onion
- 1 or 2 habanero chilies, split in half (or cayenne pepper)
- 2 tablespoons chopped rosemary (or 1 teaspoon dried)
- 2 tablespoons chopped parsley (optional)
- A cinnamon stick, a few allspice berries, and a few whole cloves (optional)
- 1 teaspoon black peppercorns
- 1/4 cup raw honey (or more to taste)

Directions:

1. Place vegetables, fruits, herbs, and spice in a clean one-quart jar. Fill jar w/ apple cider vinegar
2. The apple cider vinegar should cover the herbs by an inch or two. Seal your cap tightly if you cap your jar with a lid containing metal parts, screw the lid on over a piece of cooking parchment or a small plastic bag to keep the lid from corroding. Shake well
3. Let sit for a few weeks to soak. Shake daily (or when you remember)
4. Then strain off the plant materials from the vinegar. Sweeten with honey to taste. Honey adds sweetness and blends all the flavors in fire cider nicely
5. Refrigerate and use within a year

How to use your Fire Cider:

- Some herbalists recommend taking a tablespoonful of cider tonic daily as a preventative during cold and flu season, swallowing it right off the spoon
- Add it to a cup of juice or hot tea, perhaps with a bit of honey. You could also mix with lemonade or orange juice. Diluting apple cider vinegar is a good practice because undiluted vinegar can erode dental enamel
- You can drink it or take teaspoonfuls throughout the day when you feel a cold coming on. Others use it as a gargle at the first sign of a scratchy throat
- Mixed half and half with honey, it makes a good cough remedy (Don't feed honey to children less than a year old)
- Use it as you would plain vinegar in salad dressings, marinades for meat or tofu, and vinegar based sauces
- Try a couple of dashes in a cocktail such as a Bloody Mary

What's next for Farm Flash?

Farm Flash has been around for over 20 years sharing a variety of agricultural information. As 2023 comes to an end we are looking to make changes to Farm Flash and we want to hear your opinion!

If you have feedback or comments on Farm Flash contact Alex Harrington at (315) 736-3394 ext. 255 or ash273@cornell.edu

Hello all! My name is Raevyn, and I am thrilled to be joining the CCE team as an Agricultural Educator! My journey into the world of agriculture began at the young age of 6 when my family moved to a u-pick strawberry farm in Rosebush, Michigan. From there we moved to Central New York, where I worked on dairy and equine facilities throughout my teenage years. Those experiences not only introduced me to the world of farming but also provided me with a sense of community and a second place to call home.



I knew I wanted to be an advocate for agriculture, which led me to pursue my education at SUNY Morrisville where I earned a BBA with a focus on agricultural business. During my time there, I undertook projects that allowed me to gain practical insights in the agricultural field and in the classroom. Continuing my commitment to agricultural education, I am currently pursuing a Master's in Science in Food Production and Agricultural Business at SUNY Morrisville. I look forward to leveraging my knowledge, experiences, and ongoing education to contribute to the growth and development of agriculture. I am so grateful for this opportunity to learn from this agricultural community and the team at CCE.

National Grid Agri Business Program

It is easy to think of National Grid simply as the company that takes your money every month, but they actually have several resources for you that you might not be aware of. One of those said resources is the Agri-Business Program. The program is offered to all agricultural producers with a National Grid account and may be able to assist with your next Energy Efficiency project. Grants/incentives can help pay for projects such as: plate coolers, heat recovery units for hot water, scroll refrigeration compressors, processing equipment for dairy, fruit and vegetable operations, chillers, milk pumps, ventilation fans, and LED lights.

These upgrades could ultimately save you money on your operating costs and make your production smoother and more profitable. If this sounds like something you would like to explore you can call a National Grid representative at 855-236-7052 or email them at energysavings@nationalgrid.com. You can also contact the Cornell Cooperative Extension Energy Team at energyandenv@cornell.edu.

Meeting the Full Potential in Beef x Dairy Calves

Serving as both a valuable co-product for dairy producers and a growing asset in the beef industry, beef on dairy cross calves deserve exceptional care and nutrition in order to get the most of them. According to a 2021 survey conducted by CCE Extension personnel from both the South Central and North Western NY Dairy Teams, 58% of survey respondents shared that B x D calves are leaving the farms within one week of age. Much like exceptional management principles implemented for newborn dairy replacements, the growth and overall success of your B x D also relies on consistent care and management practices. Regardless of the end game or destination for the calves; raising to feeder stage, or taking to finishing or shipping at seven days of age, each calf started deserves the best treatment and nutrition. As colder weather approaches, consider what changes or adaptations need to be made to your calf program to ensure the success of every B x D calf you commit to.

- **Fit to Transport:** Is the calf completely dry? Is there room to set up a warming pen with a heat lamp, safely? Has the navel been dipped and air dried? Has high quality colostrum been given and have you assessed the energy level of the calf? Thrifty calves ship, dopey calves don't.
- **Calf Jackets:** Do you have enough to use on your B x D calves? Are they clean and ready for use?
- **Higher Plane of Nutrition Required:** In addition to providing high quality, clean colostrum, plan on providing enough milk or milk replacer that will meet the nutrient requirements for the newborn stage. According to Dr. Olivia Genter-Schroeder with Purina Animal Nutrition, B X D calves require a higher plane of nutrition. Their composition of grain is different than that of a Holstein dairy replacement. The beef genetics allow for more gain in muscle than in frame size. She recommends feeding protein at a rate of 1.8 lbs/day (DM basis) compared to that of 1.0 to 1.2 lbs / day in dairy replacements.

At what age are dairy x beef animals sold?



Survey Results from Characteristics of the Beef x Dairy Industry in NY Survey
from 10/2020 thru 06/2021

- **Additional Considerations:** Remember what matters to newborn care in your dairy replacements still matters for your B x D crosses. The first 48 hours are crucial to the success and longevity. Don't skip the navel dip, don't slack on hygiene practices for calf care and calf feeding equipment. Minimize stress on the newborn cross animal, just as you would the dairy replacement, especially when transporting is considered.

Preparing for Year End

The days are becoming shorter and it won't be long until snows flying in CNY. With harvest wrapping up around the county it is a great time to consider preparing your business financials for year-end.

Here are some helpful steps to get you started in reviewing your financial information, to help you determine and understand your tax position.

1. Reconciling your bank accounts: ideally, you should be doing this monthly. It's a great time to make sure that your accounting records match all of your bank statements. Fixing and potential errors and making proper adjustments to your deposits and expenses is crucial prior to sitting down with your accountant
2. Take time to collect your businesses most up-to date income and expense information. In addition to having an idea of what the remainder of income and expense will be for the year. Take into consideration those prepaid expenses. This will provide for estimates of your tax position
3. Review your balance sheet for accuracy, are assets/liabilities recorded and classified correctly. List of items purchased for resale (i.e. livestock) verses raised livestock for sale
4. Provide a list of any capital purchases or sales with all details. This will allow for distinction between capital gains treatment versus ordinary income
5. Year end statements on loan repayments. This is used to record the accurate interest expense on the loans
6. Provide the number of gallons of fuel that is used off-road for farming purposes. You may be able to claim a tax credit or refund of excise taxes you paid for this fuel
7. Discuss if you are considering an exit strategy or transfer of ownership. This requires planning well in advance of the transition
8. Discuss your classification of farm workers. Late or improperly filed documents and taxes carry hefty fines.

There's no doubt that these final months of gathering information and planning for next year have the potential to benefit your business in the New Year and will hopefully save you money during tax season. So friendly reminder, to make that tax appointment sooner rather than later!

Crop Shorts

Jeff Miller

To those who haven't heard - I am very grateful to have spent almost 37 years working with exceptionally talented and generous agricultural producers in Central New York. I have really enjoyed learning from and sharing information with you.

I have had the pleasure of working with a number of smart, caring, local Cooperative Extension staff to help growers solve problems and keep up with the ever changing technologies, practices, and issues they face.

I have also enjoyed the benefits of sharing information with CCE agronomy staff across the state and working with local growers and Cornell research staff on projects that have had a positive impact on the profitability of agricultural producers and their environmental stewardship.

I would also like to thank all of the local ag business and ag agency folks who have worked together to help local growers.

Agriculture is vital to all of us and ever changing. Keep up the great work!

Jeff Miller

P.S. I will still be around until the end of December.

Performance of Selected Commercially Available Asymbiotic N-fixing Products in the North Central Region

This study was conducted by several universities in the north central region (The Universities of Missouri, Michigan, Ohio, Kentucky, and Nebraska in 2022)

Sixty-one site years of N rate trials with and without the use of biological N fixing producers were conducted in corn, spring wheat, sugar beat, and canola in 10 state within the North Central Region of the U.S. Of the 61 site-years, 59 site-years had no yield increase with use of the product over N rate alone. Two site-years in corn had yield increases due to product use over the N rates alone. Given the low rate of positive benefits to the use of these products, growers should be skeptical of products that claim to provide asymbiotic/non-symbiotic N-fixation for the purpose of allowing a farmer to decrease fertilizer N rate. It is good for farmers to be curious; however, the wise grower needs to test products of interest on their own farm in a replicated manner and search for un-biased date on product performance before using them on whole fields.

Contact Information for Local Agencies that support Agriculture

NYS DEC 315-793-2554,
Oneida Co Soil & Water 315-736-3334
USDA Farm Services 315-736-3316
Oneida County Farm Bureau
1-800-342-4143
Farm Net 1-800-547-3276

Testing Biologicals On-Farm

Cornell: Quirine Ketterings

With any new product, it is highly recommended to do on-farm testing to see if the product is a good investment for the farm. Manured fields tend to yield higher than non-manured fields, reflecting greater soil health and nutrient cycling. It is likely that biologicals work differently in manured fields than they would in non-manured fields. Also, decided what the measure of success is (yield only, specific forage quality parameters, total economic impact) and then be sure to capture those at the end of the season.

Yield Benefits

If the goal is to test if a biological *enhances yield*, testing can be done using a with and without treatment while everything else is kept the same (same N rate, same seeding rate, etc.). You can also opt to do this comparison at two different N rates as show in the examples below:

Example using one N rate:

Treatment	N rate	Biological used?	Example treatment scenario
1	Normal N rate	No	140 lbs applied N
2	Normal N rate	Yes	140 lbs applied N + biological

Example using two N rates:

Treatment	N rate	Biological used?	Example treatment scenario
1	Normal N rate	No	140 lbs applied N
2	Normal N rate	Yes	140 lbs applied N + biological
3	Normal N rate - expected N contribution	No	100 lbs applied N
4	Normal N rate - expected N contribution	Yes	100 lbs applied N + biological

Each treatment pair (1+2 for the first example or 1+2+3+4 in the second example) should be replicated at least three times (more is better). For specific guidance on designing these type of on-farm research trials see: nmsp.cals.cornell.edu/publications/factsheets/factsheet68.pdf.

Nitrogen Benefits

If the goal is to evaluate how much less N you can use when a biological is used, it is essential to do N rate studies with five to six N rates replicated within the *same field*. The use of N rates WITH AND WITHOUT the product in question is critical to determine the N credits from use of the biological. An example of this in the protocol for the NMSP's Value of Manure Study that uses manure instead of a biological product, but gives an idea of a trail designed to quantify N replacement.

Risk Management in Crop Production

I watched a webinar that had 2 speakers, one was a global meteorologist and the other was a top tier risk management expert. The meteorologist identified several meteorological events that have never happened before within recorded weather history. One fact: There have never been category 5 storms reported in all seven seas in a single year....that happened this year. The water levels being recorded right now in the Mississippi River and the Panama Canal are the lowest ever reported impacting U.S. and world trade. The highest temperatures ever recorded in many locations around the world were documented this year. His summary.. Prepare for extreme weather for your area now. Think about those extremes and how you as an individual grower can prepare your farm and business.

The risk management expert made two comments that stuck with me. First, he said lower your cost of production (your investment) because the higher that is, the greater the risk of how much you can lose. Second, he said investigate how you can insure against potential losses and invest wisely.

I wondered how local growers could apply these thoughts to their own operations. My first thought was switching to No-Till. The initial comments of growers who switch to No-Till are how they are saving a significant amount of labor, machinery repair expenses and fuel. The second comment is how consistent their yields are from year to year, regardless of the increase in extreme weather events.

I also thought about cover crops and how important they are to prevent the loss of our rich topsoil to erosion.

Then I thought about diversification. Many people discuss this but it may be difficult for a farm to make significant changes in what they produce based on large investments they have made in a specific set of equipment, storage systems, or livestock facilities.

If you could add a different crop to your crop production system or add beef on your dairy farm as an example that would provide diversity. A number of you have already evaluated these opportunities and have already started this process on your farm.

Some growers have moved from selling all of their crop as a commodity and developed new markets where they sell some of their product at wholesale and retail prices.

I am not an insurance sales person and probably not the best consumer. It is very easy to just pay your insurance bill when it comes due and not ask any questions. I read an article that indicated that the insurance industry as a whole was punishing their trusting, loyal customers by raising their rates. It is much better to be an informed consumer. Sit down with your insurer and determine what your coverages are and shop around.

Seedsman's Best Picks

FS Growmark - Mark Bailey (315) 427-0579

Corn Silage:

FS 4095X / FS 4095V (90 RM)

- "Benchmark" hybrid
- Early season "Silage Leader". Premium Quality Silage that produces grain-dense, energy rich forage
- Handles a wide range of soil types & environments, but also responds to "High Yield" conditions. Very consistent in performance
- Available in Smart Stax & VT Double Pro

FS 4303X / FS 4303V / Conventional & Organic Options (93RM)

- Excellent forage quality package that offers digestible starch
- Extremely consistent across a wide range of growing conditions
- Workhorse hybrid that can more than handle droughty soils

FS 5101X, FS 5101V, FS 5101C (101 RM)

- Silage work horse
- Outstanding forage quality that offers strong Digestible Starch, high levels of Digestible Fiber & yields extremely well
- Shines in high yield environments or on the "Tough Acres" & resists Anthracnose Stalk Rot
- Available in Smart Stax, Double Pro, and Conventional versions

Bi-Monthly Ag Email

Sometimes information about upcoming events come in too late to make it into Farm Flash. In order to counteract missing out on information we created a bi-monthly Ag Email for updates exclusively on upcoming events, important deadlines and useful resources!

Contact Alex Harrington at (315) 736-3394 ext. 255 or ash273@cornell.edu to be added to the Email Update List.

Grain:

FS 4095 X / FS 4095 V (90RM)

- Our #1 seller in NYS
- Features strong agronomics that handles a wide range of soils & environments
- Handles early planting or No-till conditions
- Very consistent in performance year after year
- Available in Smart Stax & VT Double Pro

FS 4814X / FS 4814V (98V)

- Grain Yield Leader
- Adapts to wide range of soils & #1 rating for drought
- Excellent plant health that tolerates Anthracnose Stalk Rot & Gray Leaf Spot
- Available in Smart Stax & VT Double Pro

FS 5115X (101 RM)

- Rugged hybrid that is very consistent in performance
- Good ear flex that's widely adapted in different environments. Fends off Anthracnose Stalk Rot
- Can plant on a wide range of environments/variable soils
- Available in Smart Stax

Wheat:

FS 745 (Medium Maturity)

- Breaks yield barriers! Excels under high yield management
- Handles a range of soil types & environments
- Combats Fusarium Head Blight
- Fully Awned

FS 743 (Medium Early Maturity)

- High yielding variety that handles Septoria Leaf Blotch & Stripe Rust, along with Fusarium Head Blight
- Handles lighter Soils
- Fully awned

Soybeans:

HS 12F30 (Group 1.2)

- Replace Long Time Favorite HS 10X90
- Very solid disease package especially on White Mold * Brown Stem Rot
- XtendFlex technology that offers broader weed control options

HS 19E20 (Group 1.9)

- Top performer in challenging / low yield environments
- Very good stress tolerance & excellent emergence
- Enlist E3 technology that offers broader weed control options

HS 21E30 (Group 2.1)

- New product for 2023
- Offers a healthy package that is a great choice to help fend off a broad range of diseases
- Enlist E3 technology to help control some of the tougher weeds

Alfalfa:

Mariner V

- Our latest genetic in our Mariner breeding line
- Branching roots allows this variety to excel on well drained & variable soils
- Improved forage quality & yield with outstanding persistence

Signature

- Superior combination of forage yield & quality
- Fast recovery after cutting for intensive management
- Recommended on well drained soils

Scepter

- Superior Potato Leaf Hopper resistance
- Excellent yield & stand persistence
- Prefers well drained soils

Pioneer - Tyler Stevenson

Corn Grain:

P9823Q

- Northeast yield leader in late 90 day range (98 day grain & silage)
- Consistently high yielding in 2021, 2022, and continuing that trend in 2023
- Healthy plants with strong disease package

P9489AM/Q

- Versatile mid 90 day yield leader for 2021 & 2022 (94 day grain/92 day silage)
- Consistent across variety of environments
- Plant early with confidence and expect big yields

P9139AM/Q

- Early 90 day leader (91 day grain/89 day silage)
- Consistent across variable acres with yield stability and way above average grain quality

Corn Silage:

P0035AM/Q

- High end yield with industry leading Aquamax drought tolerance (100 day grain/101 day silage)
- Leader in Tar Spot resistance with large adoption across U.S.
- Versatile option with huge grain upside and excellent silage quality

P9789AMXT

- Consistent high quality silage hybrid excellent fiber digestibility and starch (95 day silage)
- Adaptable for many soil types and growing environments

Have you heard of MeatSuite? Its an online tool from Cornell Cooperative Extension and NC Choices that connects consumers who are interested in purchasing meat directly from the farmers. For more information on MeatSuite contact Marylynn at mrm7@cornell.edu or (315) 368-8603

P90630AM/Q

- New early 90 day leader for silage quality (90 day grain/89 day silage)
- Attractive plant and ear size with fiber digestibility to match
- This product will stand exceptionally well for grain and yield no matter what you use it for

Soybeans:

P19A27PR

- Plenish High Oleic Soybean with strong yield across environments
- Excellent defensive characteristics to plant with confidence
- Excellent opportunity to capitalize on the Plenish premium at the grain elevator or the feed bunk

P18A73E

- Consistent yield with white mold score of a 5 and other strong defensive characteristics
- Leader in late group 1 maturity with Enlist technology

P23A40E

- Enlist technology with excellent yield and white mold resistance
- Leads our early group 2 maturity for good reason

Wheat:

25R29

- Strong yield with excellent test weight and winter hardiness
- Strong Fusarium head scab resistance

25R40

- Shorter statured but widely adapted and high yielding product

25R65

- New product with elite yield and standability for those looking for top production
- Hard to beat this one in the field and offers excellent grain quality

Seedway - Cassidy Fletcher

Corn Grain:

SW 9035VT - 90 RM

- This hybrid is one with multiple trait offerings
- SW 9035VT with above ground protection only or SW 9035SS with SmartStax technology providing above and below ground protection
- This hybrid consistently performs on variable soils, producing high yields
- Excellent standability and disease tolerance

SW 9504VT - 95 RM

- This tall upright variety delivers yield
- Yielding with longer maturity varieties, this hybrid had a great disease package late into the season
- Yield and test weight are strong across any type of yield environment

SW 0030VT - 100 RM

- This hybrid comes in multiple trait options - SW 0030 as a conventional option, SW 0030VT with above ground protection, and SW 00300SS with SmartStax technology for both above and below ground pest management
- This hybrid has brought top end yield for several years
- Consistently performs across the Northeast, outyielding others by up to 20 bushels
- This tall plant with upright leaves and it can handle many different soils and management styles and consistently holds its test weight

Corn Silage:

SW 9333SS - 93 RM

- This hybrid is a real standout for silage with premium tonnage plus an enviable fiber and starch package
- A plant that can handle the stress and brings a great disease package with it, it really is the full package

SW 9550ss - 95 RM

- A sister to old reliable SW 3768GENSS (RIB)

- This hybrid is a more robust plant that boasts superior yield and digestibility for maximum milk production
- A widely adoptable plant makes this hybrid add great value to the acre

SW 0345DV - 103 RM

- This 103 day hybrid brings in the top of the line insect control, controlling for above and below-ground pests along with western bean cutworm, this has the total package
- A great silage hybrid you can push for maximum tonnage and quality

Soybeans:

SG 1143XTF

- Early group 1 bean with the XtendFLex herbicide package
- This is a great bean to plant and get off early for those wheat acres
- A child of our highest and best-selling SG 2055XT, bringing along an extremely strong disease package
- Handles white mold with ease, floats across all soil types

SG 1723E3 - *NEW*

- A new mild group 1 bean with the Enlist herbicide offering. This bean is a defensive, solid performer
- Quick out of the ground and handling stress with ease, this bean will not disappoint in the variable environments we have

SG 1922E3

- A late group 1 (1.9) bean on the Enlist platform
- This bean does well in white mold environments and floats across different grounds very well without losing yield
- It is a narrow type of bean which can easily move into narrow rows and holds its own in wide rows. It performs well under stress and in no-till environments

Wheat:

SW 65 SR

- This is a medium height, medium maturity, awned wheat variety that has excelled disease resistance

- With the FHB1 scab resistance, and excellent standability, this moves across soils very well
- Produces strong grain yield and nice straw

SW 44SR

- Medium early maturing wheat with an awned head
- Exhibits great standability, yield and test weight, handles any type of soil and yield environment with ease
- It has FHB1 scab resistance and overall a great disease package

SW 535

- New medium maturity, smooth headed variety that outpaces other smooth varieties
- Excellent disease package with Hessian Fly resistance coupled with strong yields makes this a top variety for those looking for a showy, smooth variety

Alfalfa

FSG 415 BR

- This is a branch root alfalfa that has an excellent disease package
- This variety has a lot of flexibility on variable soils including those that normally are not ideal for alfalfa
- Provides both high quality yield and forage across acres

FSG 421LH

- This alfalfa is a leaf hopper resistant variety
- For those who have had trouble controlling leaf hoppers in the past or can never seem to get ahead of them with spray, this variety puts your mind at ease
- This variety is highly resistant to all major alfalfa diseases and provides excellent yield and forage quality

FSG 450

- This alfalfa provides exceptional yield and disease package
- It showcases superior forage quality and high resistance to multi-race Aphanomyces
- Outstanding winter hardiness and establishment

Richardson Farms - Dawn Richardson

Corn Silage:

9108

- 91 day
- Excellent disease package. Medium - tall plant height
- Very good emergence

9796

- 97 day
- Excels in all soil types very good stays green

0124

- 101 day
- Robust tall & wide plant. Plant maintains yield even under stress

Picking Corn:

9005

- 90 day
- Keep on well to moderately drained soil. Strong emergence and quick canopy

9538

- 95 day determinate ear allows for pushed population
- Strong stalks and roots

9827

- 98 day attractive plant with long girthy ear semi flex ear type
- Very good emergence

Soybeans:

IS1949E3S

- Group 1.9 Enlist and STS trait Bushy Plant with consistent standability

IS2342E3

- Group 2.3 Enlist trait - very good white mild medium plant height

2423XF

- Group 2.4 XFLEX trait - medium bush with good standability
excellent disease package

Alfalfa:

Nexgro 6439HVXR

- Roundup Ready and Nexgrow Trait excellent in winter hardiness

Crave

- Conventional - does excellent in intensive harvesting

RA4020 BR

- Branch rooted - does excellent in poorer drained soils

Channel - Jared Hauseman (443) 867-8464

Corn Silage:

Channel 193-91STXRIB 092RM

- A versatile, high yielding hybrid for grain or silage with excellent fiber digestibility
- Adaptable to most soil conditions and management practices
- Also available as **VT2PRIB**

Channel 198-99SSPRIB

- A new product for this coming season that is showing excellent digestibility and tonnage
- This product brings very strong roots and seedling vigor early in the season
- This plant has a tall plant stature and semi-flex ear type
- It has shown very good seedling vigor and demonstrated excellent root strength
- Consider moderate planting densities

Channel 203-0101STXRIB 103RM

- A medium statured hybrid that fits most management conditions with very good plant health in addition to excellent fiber and starch digestibility

Corn Grain:

Channel 189-64VT2PRIB 103 RM

- Versatile, high yielding hybrid with good early emergence & vigor
- Very good stalk strength and drought tolerance
- Also available as STXRIB trait for corn-corn rotation

Channel 195-51STX

- A solid corn hybrid for multiple environments showing excellent yield and agronomics combined
- Excellent roots and seedling vigor along with very good dry down with very good anthracnose stalk rot tolerance

Channel 200-42VT2PRIB 100 RM

- Exceptional top-end yield potential and stability across yield levels
- Solid stalks and very good drought tolerance. Excellent tolerance to anthracnose stalk rot

Soybean:

Channel 1524RXF

- A new product for 2024 1.5 MG XtendFlex soybean that brings excellent yield potential
- Very good Sudden Death Syndrome, Sclerotinia, White Mild, and Iron Deficiency Chlorosis tolerances and excellent standability

Channel 2021RXF 2.0MG

- An XtendFlex soybean with complete agronomic package including outstanding tolerance to Phytophthora Root Rot and Sclerotinia White Mold

Channel 2321RX 2.3MG

- An XtendFlex soybean with excellent tolerance to Brown Stem Rot in addition to good tolerance to Sclerotinia White Mold
- Performs well in all row widths

Field corn 'events' (transformations of one or more genes) and their Trade Names

Trade name for trait	Event	Bt toxin or other trait expressed	Primary Insect Targets + <i>Herbicide tolerance</i>
Agrisure CB/LL	Bt11	Cry1Ab + PAT	corn borer + <i>glufosinate tolerance</i>
Agrisure Duracade	5307	eCry3.1Ab	rootworm
Agrisure GT	GA21	EPSPS	<i>glyphosate tolerance</i>
Agrisure RW	MIR604	mCry3A	rootworm
Agrisure Viptera	MIR162	Vip3Aa20	broad caterpillar control, except for corn borer
Enlist	DAS40278	<i>aad-1</i>	2,4-D & 'FOPs'
Herculex I (HXI) or CB	TC1507	Cry1Fa2 + PAT	corn borer + <i>glufosinate tolerance</i>
Herculex RW	DAS-59122-7	Cry34Ab1/Cry35Ab1 + PAT	rootworm + <i>glufosinate tolerance</i>
Roundup Ready 2	NK603	EPSPS	<i>glyphosate tolerance</i>
Yieldgard Corn Borer	MON810	Cry1Ab	corn borer
Yieldgard Rootworm	MON863	Cry3Bb1	rootworm
Yieldgard VT Pro	MON89034	Cry1A.105 + Cry2Ab2	corn borer & several caterpillar species
Yieldgard VT Rootworm	MON88017	Cry3Bb1 + EPSPS	rootworm + <i>glyphosate tolerance</i>
(None – in Qrome)	DP-4114	Cry1F + Cry34Ab1/Cry35Ab1 + PAT	corn borer + rootworm + <i>glufosinate tolerance</i>
(None – in SmartStax Pro)	MON87411	Cry3Bb1 + DvSnf7 dsRNA + EPSPS	rootworm + <i>glyphosate tolerance</i>

Abbreviations used in the Trait Table

Herbicide tolerance
 E Enlist - 2,4-D and 'FOPs'
 G *glyphosate*
 R Roundup Ready 2 - *glyphosate*
 LL Liberty Link - *glufosinate*

Insect targets

BCW black cutworm
 CEW corn earworm
 CR corn rootworm
 (N- Northern, W- Western)
 ECB European corn borer
 FAW fall armyworm
 SB stalk borer
 SCB sugarcane borer
 SWCB southwestern corn borer
 TAW true armyworm
 WBC western bean cutworm

The Handy Bt Trait Table for U.S. Corn Production, updated MARCH 2022

Trait packages in alphabetical order (acronym that may be used)	Bt protein(s) (or other trait) in package	Marketed for control of:												Resistance confirmed to the combination of Bts in package (check local situation)	Herbicide			Non-Bt Refuge % (cornbelt)
															trait			
		B C W	C E W	E C B	F A B	A B B	S C B	S C B	T W C	W A B	W C R	G R	L I E		E			
AcreMax (AM)	Cry1Ab Cry1F	x		x	x	x	x	x	x				CEW FAW WBC	x	x		5% in bag	
AcreMax CRW (AMRW)	Cry34/35Ab1												x	NCR WCR	x	x		10% in bag
AcreMax1 (AM1)	Cry1F Cry34/35Ab1	x			x	x	x	x	x				x	ECB FAW SWB WBC NCR WCR	x	x		10% in bag 20% ECB
AcreMax Leptra (AML)	Cry1Ab Cry1F Vip3A	x	x	x	x	x	x	x	x	x	x					x	x	5% in bag
AcreMax TRIssect (AMT)	Cry1Ab Cry1F mCry3A	x	x	x	x	x	x	x	x				x	CEW FAW WBC WCR	x	x		10% in bag
AcreMax Xtra (AMX)	Cry1Ab Cry1F Cry34/35Ab1	x	x	x	x	x	x	x	x				x	CEW FAW WBC NCR WCR	x	x		10% in bag
AcreMax Xtreme (AMXT)	Cry1Ab Cry1F mCry3A Cry34/35Ab1	x	x	x	x	x	x	x	x				x	CEW FAW WBC WCR	x	x		5% in bag
Agrisure 3010 (BR)	Cry1Ab		x	x				x	x					CEW		x	x	20%
Agrisure 3000GT & 3011A	Cry1Ab mCry3A			x	x				x	x				CEW WCR		x	x	20%
Agrisure Viptera 3110 (VR)	Cry1Ab Vip3A	x	x	x	x	x	x	x	x	x	x					x	x	20%
Agrisure Viptera 3111 (A4)	Cry1Ab Vip3A mCry3A	x	x	x	x	x	x	x	x	x	x	x		WCR		x	x	20%
Agrisure 3120 E-Z Refuge (BZ)	Cry1Ab Cry1F	x	x	x	x	x	x	x	x					CEW FAW WBC	x			5% in bag
Agrisure 3122 E-Z Refuge	Cry1Ab Cry1F mCry3A Cry34/35Ab1	x	x	x	x	x	x	x	x				x	CEW FAW WBC WCR	x			5% in bag
Agrisure Viptera 3220 E-Z (VZ)	Cry1Ab Cry1F Vip3A	x	x	x	x	x	x	x	x	x	x					x		5% in bag
Agrisure Viptera 3330 E-Z	Cry1Ab Vip3A Cry1A.105/Cry2Ab2	x	x	x	x	x	x	x	x	x	x					x		5% in bag
Agrisure Duracade 5122 E-Z (D1)	Cry1Ab Cry1F mCry3A eCry3.1Ab	x	x	x	x	x	x	x	x				x	CEW FAW WBC WCR	x			5% in bag
Agrisure Duracade 5222 E-Z (D2)	Cry1Ab Cry1F Vip3A mCry3A eCry3.1Ab	x	x	x	x	x	x	x	x	x	x	x		WCR		x		5% in bag
Agrisure Duracade 5332-E-Z	Cry1A.105/Cry2Ab2 Cry1Ab Vip3A mCry3A eCry3.1Ab	x	x	x	x	x	x	x	x	x	x	x		WCR		x	x	5% in bag
Herculex I (HXI)	Cry1F	x		x	x	x	x	x	x					ECB FAW SWB WBC	x	x		20%
Herculex RW (HXRW)	Cry34/35Ab1												x	NCR WCR	x	x		20%
Herculex XTRA (HXX)	Cry1F Cry34/35Ab1	x			x	x	x	x	x				x	ECB FAW SWB WBC NCR WCR	x	x		20%
Intrasect (YHR)	Cry1Ab Cry1F	x	x	x	x	x	x	x	x					CEW FAW WBC	x	x		5%
Intrasect TRIssect (CYHR)	Cry1Ab Cry1F mCry3A	x	x	x	x	x	x	x	x				x	CEW FAW WBC WCR	x	x		20%
Intrasect Xtra (YXR)	Cry1Ab Cry1F Cry34/35Ab1	x	x	x	x	x	x	x	x				x	CEW FAW WBC NCR WCR	x	x		20%
Intrasect Xtreme (CYXR)	Cry1Ab Cry1F mCry3A Cry34/35Ab1	x	x	x	x	x	x	x	x				x	CEW FAW WBC WCR	x	x		5%
Leptra (VYHR)	Cry1Ab Cry1F Vip3A	x	x	x	x	x	x	x	x	x	x					x	x	5%
Powercore ^a (PW)	Cry1A.105/Cry2Ab2	x	x	x	x	x	x	x	x					CEW WBC		x	x	^a 5%
PW Refuge Advanced ^b (PWRA)	Cry1F																	^b 5% in bag
Powercore Enlist (PWE)	Same as Powercore	x	x	x	x	x	x	x	x					CEW WBC	x	x	x	5% in bag
QROME (Q)	Cry1Ab Cry1F mCry3A Cry34/35Ab1	x	x	x	x	x	x	x	x				x	CEW FAW WBC WCR	x	x		5% in bag
SmartStax ^a (SX,STX or SS)	Cry1A.105/Cry2Ab2	x	x	x	x	x	x	x	x				x	CEW WBC		x	x	^a 5%
STX Refuge Advanced ^b (SXRA)	Cry1F Cry3Bb1													NCR WCR				^b 5% in bag
STX RIB Complete ^b (SSRIB)	Cry34/35Ab1																	
SmartStax Enlist (SXE)	Same as SmartStax	x	x	x	x	x	x	x	x				x	Same as SmartStax	x	x	x	5% in bag
SmartStax Pro w/ RNAi Technology (SSPRORIB)	Same as SmartStax + DvSnF7 dsRNA	x	x	x	x	x	x	x	x				x	CEW WBC	x	x		5% in bag
Trecepta ^a (TRE)	Cry1A.105/Cry2Ab2	x	x	x	x	x	x	x	x	x	x					x		^a 5%
Trecepta RIB Complete ^b (TRERIB)	Vip3A																	^b 5% in bag
TRIssect (CHR)	Cry1F mCry3A	x			x	x	x	x	x	x			x	ECB FAW SWB WBC WCR	x	x		20%
VT DoublePRO ^a (VT2P)	Cry1A.105/Cry2Ab2		x	x	x	x	x	x	x					CEW		x		^a 5%
VT2P RIB Complete ^b (VT2PRIB)																		^b 5% in bag
VT TriplePRO ^c (VT3P)	Cry1A.105/Cry2Ab2		x	x	x	x	x	x	x				x	CEW		x		^c 20%
VT3P RIB Complete ^d (VT3PRIB)	Cry3Bb1													NCR WCR				^d 10% in bag
Yieldgard Corn Borer (YGCB)	Cry1Ab		x	x				x	x					CEW		x		20%
Yieldgard Rootworm (YGRW)	Cry3Bb1												x	NCR WCR		x		20%
Yieldgard VT Triple (VT3)	Cry1Ab Cry3Bb1		x	x				x	x				x	CEW NCR WCR	x			20%

Farmland for a New Generation

CCE Oneida County can help you access farmland or someone to farm your land. Farmland for a New Generation New York is a FREE online tool developed in partnership between the NYS Department of Ag and Markets, American Farmland Trust, a network of 27 land trusts, CCE Offices, and other agricultural organizations, all working together to bring a new generation of farmers onto land across the state.

Maryellen Baldwin, Farm Business Manager and Regional Navigator can help you create a profile on the site that allows you to find farmland or a farmer to work your land. You can also go to <https://nyfarmlandfinder.org>; you will discover how to prepare a profile, training, materials, and documents to educate and support farmers and landowners.

Gaining hands-on farm experience is an important step for farmers before accessing farmland. Through working on a farm, you enhance your knowledge of the agricultural industry and gain valuable insight into the day-to-day operations of a farm. Also, new this year is a database of available farm jobs. For more information or help to create a farmland finder profile, contact Maryellen at (315) 736-3394 ext. 177 or mfw73@cornell.edu.



November

S	M	T	W	TH	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

November 4

Market 9am-1pm
SNAP-Ed Food Demo

November 11

Market 9am-1pm
Music by Melissa Clark

November 18

NO MARKET due to
Christmas on Main St. Event

November 25

Market 9am-1pm
Music by Melissa Clark
Painting Wild Ornament
Painting Workshop

Online shopping
Opens at 5pm
Mondays

OPEN

Online Shopping
closes at 5PM
Thursdays

CLOSE

USDA Designates 31 NY Counties as Primary Natural Disaster Areas

This Secretarial natural disaster designation allows the United States Department of Agriculture (USDA) Farm Service Agency (FSA) to extend much-needed emergency credit to producers recovering from natural disasters through emergency loans. Emergency loans can be used to meet various recovery needs including the replacement of essential items such as equipment or livestock, reorganization of a farming operation, or to refinance certain debts. FSA will review the loans based on the extent of losses, security available, and repayment ability. If you have questions or to apply contact your local FSA Office at (315) 736-3316

Impacted Area: New York

Triggering Disaster: Freeze & Frost

Application Deadline: 4/17/2024

Primary Counties Eligible: Albany, Broome, Cattaraugus, Cayuga, Chautauqua, Chemung, Columbia, Cortland, Dutchess, Greene, Jefferson, Onondaga, Ontario, Orleans, Oswego, Otsego, Putnam, Rensselaer, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, Steuben, Tioga, Tompkins, Ulster, Washington, Wayne, Westchester, Yates

Contiguous Counties Also Eligible:

New York: Allegany, Bronx, Chenango, Delaware, Erie, Essex, Fulton, Genesee, Hamilton, Herkimer, Lewis, Livingston, Madison, Monroe, Montgomery, Nassau, Niagara, Oneida, Orange, Rockland, St. Lawrence, Sullivan, Warren, Wyoming

USDA Accepting Applications to help Cover Costs of Organic Producers

The USDA will cover up to 75% of the costs associated with organic certification, up to \$750 per category, through the Organic Certification Cost Share Program (OCCSP). Read the full article online at <https://tinyurl.com/dbzntacf>
If you have questions or to apply contact your local FSA Office at (315) 736-3316.

USDA Loan Assistance Tool

An online tool to help farmers and ranchers better navigate the farm loan application process. This uniform application process will help to ensure all farm loan applications receive equal support and have a consistent customer experience with USDA's Farm Service Agency (FSA) regardless of their individual circumstances. To start the self assessment visit <https://lat.fpac.usda.gov/>



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2023-2024 OPEN ENROLLMENT

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We encourage learning by doing and turning interests into action! A County/Independent Members are 4-H members that are not in a club and work on project areas more independently and at their own pace. Club Members work at a club pace and focus more on a project area as a group. Some of the project areas offered in Oneida County are Beef, Dairy, Dog, Goat, Horse, Poultry, Rabbit/Cavy, Sheep, Swine, Vet Science, Arts and Crafts, Clothing and Textiles, Photography, Robotics, Tractor Safety, STEM, Archery, Community Service, Leadership, Public Presentations, and MORE!

Learn more and join 4-H online at: <https://cceoneida.com/4-h.../become-a-member-or-volunteer> or scan the QR Code! If you have questions contact Casey at cch244@cornell.edu



Save
the date

Taste of CNY

NOVEMBER 2023

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			01	02	03	04
05	06	07	08	09	10	14
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Shop and sample locally grown and produced
foods on November 4 from 11:00am-2:00pm
at North Star Orchards
4741 NY-233, Westmoreland NY 13490

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