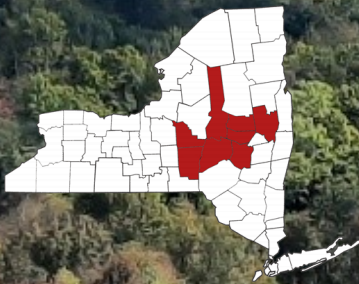


Cornell Cooperative Extension

Central New York Dairy, Livestock and Field Crops

*Serving Chenango, Fulton, Herkimer,
Madison, Montgomery, Otsego,
Saratoga and Schoharie Counties*

2020 3rd Quarter Report



**The Central New
York Dairy,
Livestock & Field
Crops Program**

is a Cornell
Cooperative
Extension
partnership
between Cornell
University and
the CCE
Associations in
8 counties

Corn Harvest 2020

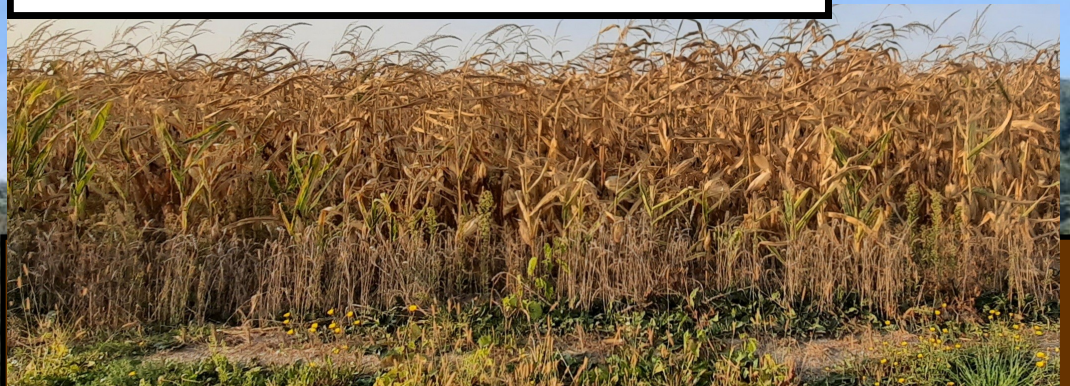


Photo Credit: Erik Smith, Field Crops Specialist

The dry weather that started in June continued into July and August, and with it came high temperatures and early corn silage harvest. In addition to near-record growing degree day (GDD) accumulations, the dry weather also prevented the usual foliar diseases of corn that sometimes cue farmers to prepare for harvest, allowing percent dry matter to creep up unnoticed.

Through July, intern Peter Burritt continued the weekly GDD email publication that kept area producers informed of conditions throughout the region. Incoming Field Crops Specialist Erik Smith continued the e-publication through August and September, adding updated context each week as the season progressed and conditions changed.

In anticipation of an early silage harvest, dairy Specialist Dave Balbian held an online pre-harvest corn silage meeting that was recorded and uploaded to YouTube (https://youtu.be/olx8EX8la_g), which was well-attended (50 attendees) and has been viewed more than 100 times in the month following its upload. The information Dave covered might seem specific to 2020, but the conditions we experienced this year are sure to become more common as our climate changes.

Early Corn Silage Harvest 2020 Webinar

Our First Video on our Team's YouTube Channel

Fifty people signed up for a webinar on August 19 at 7:00 p.m. that Dairy Specialist David Balbian conducted. It covered the unique situation dairy producers were about to find themselves in. Favorable conditions in the spring allowed most producers to get their corn planted in a timely fashion. Dry weather in the early part of the growing season put the crop under stress. However, rain did arrive along with excessive summer heat. Growing Degree Days (GDD) accumulated at a record pace. The corn crop was due to mature very early.

The lack of leaf diseases that commonly starts to cause corn leaves to turn brown late in the season did not occur this year. That is a common signal some producers use to gauge when to harvest. The crop was going to be ready early and its green leaves were going to fool some people. Corn that is too mature and too dry with rock hard kernels



will not ferment properly and much of the feed value could pass right through the cow.

This webinar covered Growing Degree Day accumulation, Cornell's Climate Smart Farming website, a host of strategies producers could employ to be sure they ended up with a crop that gave them the best balance of getting the most off the field along with getting the most out of the crop when it was fed to their cows.

The webinar was recorded, as some people wanted to hear the information but were unable to participate in the live event. 115 people have viewed the video after it was made available online. This was time sensitive information. After the first week or two of September, the information was already too late to be valuable. The recording became our team's first video on our own YouTube channel. You can view the video at the following link: <https://cnydlfc.cce.cornell.edu/submission.php?id=1133&crumb=grains|3>

PPP & USDA-CFAP

Several months into the pandemic, agribusinesses are continuing to see the ill effects of the upheaval in the market place. There are still two major programs running to help our producers. The USDA –CFAP first round closed on September 11 and the second round was announced, and will run through December 11th. The CNYDLFC team has continued to provide education for farm families and will be hosting another program in October with FSA. The Paycheck Protection Program (PPP) has had multiple iterations through its lifetime and now is looking for folks to begin applying for loan forgiveness. Look for more information in the fourth quarter on forgiveness and loan reduction.

Other Educational Activities: July—September 2020

Ashley completed her re-certification training to teach Pork Quality Assurance trainings.

Ashley completed her re-certification for Beef Quality Assurance training.

Grant and Project Activities: July—September 2020

Growing Degree Day (GDD) monitoring was conducted by our summer intern and Eric Smith, Area Field Crop Specialist for the team. That information was provided to our producers on a weekly basis.

The team continues to review & process DAP (Dairy Advancement Program) applications. We conduct baseline interviews to provide more detailed information to the review team at Cornell.

Dave has completed the Precision Feeding Topic Specific Teamwork in Madison County sponsored by NYFVI. The final report has been filed with NYFVI.

Erik has been working on various field trials that were handed over to him by Kevin Ganoe:

Evaluation of Seed Treatments for Managing Seedcorn Maggot. This project compared the effectiveness of neonicotinoid and diamide seed treatments in corn for silage. The data is currently being compiled and analyzed.

CAPS Program for silver Y moth, golden twin spot moth, and soybean gall midge in soybean. Soybean fields around the state (5 in our region) were monitored for these three invasive pests, none of which were found this year.

NYCSGA Grant: Monitoring for Soybean Cyst Nematode: Getting Ahead of the Pest. Soybean fields around the state (54 in our region) were monitored for soybean cyst nematode. Soil samples have been submitted, but results are still pending.

Western bean cutworm monitoring network. As part of a state-wide monitoring network facilitated by NYSIPM, 4 corn fields were monitored in our region for western bean cutworm. Few were found in traps over the course of the season in our area, with the peak period occurring in late-July and early-August. (Smith)

Weeds suspected of herbicide resistance were collected as part of a NYS survey being conducted by Dr Lynn Sosnoski at Cornell AgriTech. Data collected this year will be used to inform a larger survey that will begin next year.

Nicole continued to finish the Central NY Cash Rents survey that was conducted over the course of the spring. We hope to have results published soon.

Designing your succession plan is a collaborative effort among a group of educators for farm families. Nicole will be teaching a session in October as part of the Regional Navigator program.

To Market, To Market is a six week partnership with Chobani as a grant funding source for folks to bring an idea to market. Nicole has been busy building curriculum and working with educators to develop a quality program for our producers.

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