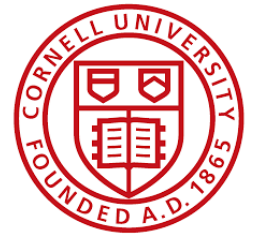




Cornell Cooperative Extension

Central New York Dairy, Livestock and Field Crops



Third Quarter Report 2021

FAMACHA Trainings Bring Producers and Cornell Small Ruminant Specialist Together

"The FAMACHA method of selective treatment was developed by three South African researchers (Drs. Francois Malan, Gareth Bath and Jan van Wyk) against the backdrop of major anthelmintic resistance in South Africa. However, the method has since been implemented successfully in various locations around the world.

*The aim of the method is to maintain a sufficient susceptible *H. contortus* worm population ('refugia') on the pasture. By only dosing those sheep in critical need of treatment, selection for worms resistant against treatment is retarded, while at the same time the farmer can monitor and cull those sheep with a poor natural resistance against these worms."*

<https://en.wikipedia.org/w/index.php?title=FAMACHA&oldid=971919398>

FAMACHA training is designed for sheep and goat producers. The

program is used to identify whether or not a sheep or goat needs to be

dewormed. Over the past 40 years a lot of small ruminant producers have thought the best management decision was to deworm their entire herds a few times a year. Unfortunately, researchers have found out that by doing this we are building up a resistance to these medications that are being used. By incorporating the FAMACHA method, as seen in these pictures, we can successfully identify which animals are in need of being dewormed and which ones are not. We can then manage the individuals who are in need of the medication and not mass medicate the herd/flock which will decrease the overall drug resistance within the animals.

We held the first workshop at the CCE Madison office in August where 10 participants attended. The second workshop was held at the CCE Herkimer office in September with 11 participants. At the Madison county workshop, we had Dr. tatiana Stanton, Small Ruminant Specialist from Cornell University come out and talk about parasites and proper ways to manage parasite populations within farm herds.



Dr. tatiana Stanton at CCE Madison



Participants learning to look for anemia in the eyelid

A program and funding partnership between Cornell University, Cornell Cooperative Extension and the Cornell Cooperative Extension Associations of Chenango, Fulton, Herkimer, Madison, Montgomery, Otsego, Saratoga and Schoharie Counties.

Ventilation & Heat Abatement Meetings were held at the SUNY Morrisville & Cobleskill Dairy Facilities



Tim Terry, Farm Strategic Specialist, Pro-Dairy discusses air movement in a freestall barn

Ventilation & Heat Abatement Meetings were held at the SUNY Morrisville & Cobleskill Dairy Facilities in late July. Program Sponsorship was provided by ASAP Interiors and National Grid. That allowed us to carry out the programs & provide lunch to participants... free of charge. A follow up article in Country Folks about the program in Cobleskill included a front-page picture showing the use of a smoke machine in the dairy barn. This device illustrates air movement in the barn.

To learn more about heat abatement, check out the article referenced above in the Country Folks newspaper:

<https://countryfolks.com/dont-stress-heat-stress/>

McFarland and Smith attend Empire Farm Days in Pompey, NY

Ashley McFarland and Erik Smith both attended and connected with farmers at the new site of Empire Farm Days: Pompey, NY. Despite some of the hurdles COVID has placed upon gatherings, the outside venue was accommodating and provided adequate social distancing.

While in attendance, Erik installed a poster display in the Onondaga County 4-H and CCE tent. The poster was authored by Dr. Lynn Sosnoskie (Cornell University SIPS, Soil and Crop Sciences, Cornell Agritech) and outlined the identification and management of two invasive pigweeds, Palmer amaranth and tall waterhemp. Erik also brought potted specimens of the two weed species, and attended the event on the first and last day of Farm Days in order to answer questions and give prevention/management information to attendees.

Due to the fact CNYDLFC did not have a designated booth at EFD, Ashley participated at the NY Beef Producer's booth. Since taking over the advisor role for the NY Beef Producers Association, Ashley has been connecting with producers on a broader scale. Her engagement with our producers at this level is imperative to continue fostering positive relationships with the folks that she works with.

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No-Till Cover Crop Interseeding for Soil Health

On August 31st, Erik Smith and the Montgomery County Soil and Water Conservation District hosted an on-farm event at Inverness Farm owned by Andy Crowe in Canajoharie. Erik led a farmer-to-farmer discussion and demonstration on the methods, benefits, and management of interseeded cover crops in corn. This event was free, lunch was provided, and 12 producers attended.



Visitors discussing the interseeding equipment



Cornell Small Farms curriculum

To Market, To Market
A program focused on marketing products wholesale.

In September, Nicole Tommell joined Mariane Kiraly from CCE Delaware to connect with farms on how to market products wholesale. This program was an add on to the work done in the fall of 2020 through Chobani Community Foundation. The first year of the program focused on creating and marketing an agricultural product. The intent this year was to bring the product to market on a wholesale level. During this class, the group utilized the Baskets to Pallets curriculum by Cornell Small Farms. The participants also viewed YouTube videos and listened to a series by one of the greatest local farm product wholesale buyers in our state, Wegman's Grocery.



Other Educational Activities: July- September 2021

- Erik Hosted a Hemp Grain and Fiber: Production, Pests, Processing, and Policy 2 part zoom series
- Nicole completed training to be a facilitator for Annie's Project
- Nicole was the MC at the Annual Montgomery County Sundae on the Farm's milking contest.
- Erik hosted a Vegetable and Field Crop IPM Update at Plain Clothes Farm with Crystal Stewart- Courtens
- Dave and Erik teamed up for a 2021 Central NY Corn Silage Pre-Harvest Resources and Webinar

Future Grant and Project Activities:

- Dave is producing with Statewide Dairy Specialists *Transition Cow Tuesdays* podcasts.
- Erik will apply to the NY Corn and Soybean Growers Association for funding for another year of soybean cyst nematode (SCN)
- Erik has scheduled a Plain Clothes DEC recertification class for farmers who do not have ability to utilize current methods of access.
- Nicole and Katelyn Walley-Stoll from SWDLFC Team submitted a NYFVI grant to collect statewide land lease data and incorporate custom harvest data.
- The Ag Workforce Development Team is creating a Labor Roadshow for November and December 2021 (6 Zoom sessions)
- Nicole will continue with Annie's Project in the Fall of 2021 in collaboration with other educators throughout NYS.
- The Statewide Farm Business Management group is creating a Farmer Tax School for fall 2021 and winter of 2022.
- Nicole is involved in a Statewide Solar Ag Program Hybrid Model for Land Owners and Municipalities. This will help folks navigate local and state laws as well as give an understanding to solar contracting.
- Solar Sheep Grazing Symposium Summer of 2022 in collaboration with CCE Herkimer.
- Ashley has planned a series of sheep workshops for the month of November, along with a sheep shearing school on December 8, 2021
- Ashley has planned for a New Livestock operation series to occur in the winter. She has 4 weeks set aside to discuss different aspects of the enterprise. (Basics 101, Financing, Record Keeping, Funding opportunities and much more). Details will be released in December.
- Finalize and submit the NYFVI grant Using precision feed management to improve profitability on grass-fed beef farms. (McFarland, Balbian, Smith)

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