An Update from Cornell Cooperative Extension’s Southwest New York Dairy, Livestock, and Field Crops Program

Since July 1st, 2019, our new program has been busy with on-boarding, needs assessment, educational programming, and getting the chance to meet some of our region’s amazing farmers. We’ve hired four specialists that are on-board and ready to hit the ground running in the specialty areas of Farm Business Management, Field Crops, Dairy Management, and Livestock. We’re working with each of our five county associations’ Executive Directors, Board of Directors, Program Committees, and Agriculture Program Staff to get to know the region and its programming needs while introducing this collaborative model of dairy, livestock, and field crops outreach.

The best way to support SWNYDLFC is to sign up/subscribe/enroll in our program through your local county association. This shows local stakeholders your interest in the team approach and our services, and helps to off-set some of the financial inputs that make our program happen. If you would like more information on your county’s process, the following page has a list of each Executive Director in the region. Connect with them to enroll and show your support! Additionally, if you would be willing to host our team for a brief visit to learn more about your operation and your educational/technical needs, please connect with any of our team members. We’re hoping to visit 100 farms in our first year, and are halfway there! These visits help to inform our “needs-assessment” that will drive our initial program offerings. Most importantly, the Southwest New York Dairy, Livestock, and Field Crops team would like to wish you and your family a safe and happy holiday season!

Sincerely,

Katelyn Walley-Stoll

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- And More!
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For accommodations or accessibility concerns, please contact our specialists at least one week prior to the scheduled event.

2 - December 2019
Welcome Alycia and Amy!

On November 1, 2019 Alycia Drwencke started as Dairy Management Specialist with the newly formed Southwest New York Dairy, Livestock, and Field Crops Program with Cornell Cooperative Extension. Alycia will be working on programming related to heifer and calf management, cow comfort, improving efficiency, facilities, and herd health while working to identify the needs of the region. You can reach Alycia by emailing amd453@cornell.edu or by calling 517-416-0386.

Alycia grew up on small farm in Southeast Michigan. She earned her Bachelor’s Degree in Animal Science with a minor in Agribusiness Management from Michigan State University. Drwencke received her Master’s Degree in Animal Biology from the University of California, Davis. While in Davis, Alycia’s research focused on heat abatement for dairy cattle, specifically looking at more energy and water efficient cooling methods. She was able to carry out this research on both the university farm and a commercial dairy. Alycia also assisted with other research projects looking at calf care, disbudding, and beef management. In her free time, Alycia enjoys traveling and hiking. She is looking forward to working with producers in the area and connecting the agricultural industry to Cornell Dairy Management resources.

On December 16, 2019 Amy Barkley started as the Livestock and Beginning Farms Support Specialist with Cornell Cooperative Extension’s newly formed Southwest New York Dairy, Livestock, and Field Crops Program. Amy will be working on programming related to beef, sheep, goat, and poultry production; beginning farmer support; and product quality and consistency. You can reach Amy by emailing amb544@cornell.edu or by calling 716-640-0844.

Amy grew up on a small farm in Northeastern Pennsylvania, and earned her Bachelor's Degree in Animal Science with a minor in Poultry and Avian Science from Penn State University. After graduation, she attained her Master's Degree in Animal Science from Penn State, where her research focused in renewable, alternative bedding materials for broiler production and their impacts on broiler performance, welfare, and the environment. Following graduation, Amy worked in quality assurance for a national egg company, working with farms of all sizes across the nation to ensure compliance in food safety, nutrition, product quality, and animal welfare. Amy and her husband Zach reside in East Concord, NY on a farm which they are excited to make their own. In her free time, she tends to an extensive garden, small orchard, and honeybees, and loves cooking and baking. Amy is looking forward to working with area farmers to ensure their current and continued success.

Want to receive “Crops, Cows & Critters” and other information from the Southwest New York Dairy, Livestock, and Field Crops Program directly in your inbox or mailbox? Contact your local Cornell Cooperative Extension Office or contact either of our team specialists to be added to the mailing list.

Alycia will be working with Dairy Farms in the five county region to bring research-based information and recommendations that will improve farm efficiency, animal health, and milk quality. Give Alycia a call at 517-416-0386!

We need your help!
Our specialists are going to be visiting farms in our five county region to introduce this new program to the agricultural community, meet farmers and agribusinesses in the region, and learn more about the challenges and opportunities the industry faces. As part of these visits, there will be an informal “needs assessment” to better determine what types of programming, research, and educational support are needed. These visits are approximately 30 minutes in length and are done at your location. If you would be willing to host us, please give any of our team members a call.

Thank you!
Amy recently joined our team and is excited to meet livestock producers in the region to learn more about their production practices, interests, and ways she can support their farm goals! Call Amy at 716-640-0844.
Premiums (e.g. quality and volume) paid by milk handlers to dairy farmers are important. A research team at Cornell University, Charles H. Dyson School of Applied Economics and Management is interested in learning more about farmers’ preference and willingness to accept alternative premium payment structures.

The research team is seeking dairy farmer input via an online survey. If you are not able to complete the survey online, please contact our team and we will mail you a paper form to complete. Questions in the survey allow dairy farmers the opportunity to choose among 5 payment offers focused on volume and quality payments, hauling, handler business structure, and price.

We anticipate the survey will take 15 to 20 minutes. Answers will be kept confidential. Farmers participating in the survey will be eligible for one of five $100 VISA gift cards if they provide an email address. The email address will be used only for giving away the gift cards and nothing more. Any sort of public report or presentation will not include any information that will make it possible to identify the handler or the farmer.

The survey will be open through January 31. The survey is available by visiting: https://tinyurl.com/DairyPriceSurvey.

Survey results will serve as a valuable guidance to dairy farmers and milk handlers when considering alternative pricing structures beyond the milk marketing order. Findings will be shared through written reports and presentations.

The researchers conducting this study are Todd M. Schmit, Associate Professor, (tms1@cornell.edu, 607.255.3015), Roberta M. Severson (rmh27@cornell.edu, 607.255.1987), and Daniel Munch, Research Graduate Assistant. Please feel free to contact the research team with any questions or concerns.

This work is supported by the National Institute of Food and Agriculture, U.S. Department of Agriculture, Smith Lever Project #1013677.

Pork Producers are invited to attend an interactive program addressing the need for on-farm crisis preparedness, particularly focusing on African Swine Fever.

The morning session will feature an interactive session and information by two speakers from the National Pork Board: Cindy Cunningham, Vice President of Communications; and Dr. Patrick Webb, Director of Swine Health Programs.

The afternoon session will include discussion based Q&A, checkoff updates, and an NPPC update. At the conclusion of the meeting there will be an annual member meeting and board meeting.

There will also be time to interact with other attendees, visit a trade show, and participate in a silent auction (donations are open to everyone and are appreciated). You do not need to be a New York Pork Producers member to attend.

Saturday, March 21st, 2020
Registration at 7:45am
Program at 8:30am
Quality Inn
2468 NYS 414
Waterloo, NY
$10/person, lunch included

To register, visit www.newyorkpork.org, or contact one of our team members for a paper form. Registration is due by March 13th, and meeting spots are expected to sell out. Register early to guarantee your spot!
Horseweed, also known as marestail, is a problematic weed species throughout the United States. Horseweed is an annual, with some biotypes emerging late fall, over wintering as a rosette (photo), and bolting in the spring. This is known as winter annual horseweed. Others will germinate in the spring and set seed by fall; known as a summer annual. In the winter annual lifecycle, it has been documented to grow to heights of 1.5 to 6 feet tall. The seeds of horseweed are small and wind carried via a pappus, which is a structure that allows the seed to travel similar to that of common dandelion. The seed then germinates readily once it leaves the mature plant. Proper identification and control of this weed species is very important for New York producers. In 2019, a preliminary study conducted by Mike Hunter, Field Crops Specialist with the Northern New York Dairy, Livestock, and Field Crops team, showed that a population of horseweed survived applications of group 2 herbicides (ALS-inhibiting) as well as the group 9 herbicides (EPSPS-inhibiting) in soybeans. Further tests need to be conducted to confirm if this population is truly resistant. Many soybean herbicides contain at least 1, if not 2, of these groups so losing them would be detrimental to soybean producers here in the state. It is important to monitor your fields for this weed species and use proper control methods for management of this pest. Contact your local extension specialist for correct identification, or if you experience uncontrollable horseweed populations.

Scout Horseweed (marestail) Now to Avoid Issues in 2020
Joshua Putman, Field Crops Specialist, SWNYDLFC

Horseweed, also known as marestail, is a problematic weed species throughout the United States. Horseweed is an annual, with some biotypes emerging late fall, over wintering as a rosette (photo), and bolting in the spring. This is known as winter annual horseweed. Others will germinate in the spring and set seed by fall; known as a summer annual. In the winter annual lifecycle, it has been documented to grow to heights of 1.5 to 6 feet tall. The seeds of horseweed are small and wind carried via a pappus, which is a structure that allows the seed to travel similar to that of common dandelion. The seed then germinates readily once it leaves the mature plant. Proper identification and control of this weed species is very important for New York producers. In 2019, a preliminary study conducted by Mike Hunter, Field Crops Specialist with the Northern New York Dairy, Livestock, and Field Crops team, showed that a population of horseweed survived applications of group 2 herbicides (ALS-inhibiting) as well as the group 9 herbicides (EPSPS-inhibiting) in soybeans. Further tests need to be conducted to confirm if this population is truly resistant. Many soybean herbicides contain at least 1, if not 2, of these groups so losing them would be detrimental to soybean producers here in the state. It is important to monitor your fields for this weed species and use proper control methods for management of this pest. Contact your local extension specialist for correct identification, or if you experience uncontrollable horseweed populations.

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Have you been scouting for Horseweed? Give Josh Putman a call if you’d like assistance with identification! 716-490-5572.

Have you been scouting for Horseweed? Give Josh Putman a call if you’d like assistance with identification! 716-490-5572.
2019 Corn Silage Hybrid Evaluation - New York and Vermont Data Available

For the third year in a row, Joe Lawrence, with PRO-DAIRY at the Cornell University, College of Agriculture and Life Sciences, has evaluated the use of several hybrid varieties for corn silage. This growing season was defined by wet conditions early, changing to variable precipitation later in the season, and below average heat across the region. Many fields in Western and Southwest New York were not planted until late-June or early-July. Despite the delayed harvest, corn silage yields and qualities were decent in 2019. Lawrence spent a considerable amount of time managing test plots, observing them throughout the year, and harvesting these plots to gain an understanding of the many hybrid varieties performance.

Lawrence concludes that growers can use this information to better understand how a hybrid performs under a diverse set of environments. You can also use this information to compare to your own yearly performance to better understand if a hybrid may be a good fit for your farming operation.

Table 1. Hybrid traits and performance for 80 – 95 day relatively mature (RM) groups planted in Albion, NY.

<table>
<thead>
<tr>
<th>Company/Brand</th>
<th>Hybrid</th>
<th>Trait Code*</th>
<th>Relative Maturity</th>
<th>Net NP/Population</th>
<th>Dry Matter</th>
<th>Yield, %/DM</th>
<th>Starch</th>
<th>Crude Protein</th>
<th>Ash</th>
<th>Total Fatty Acids</th>
<th>Wet Chem @ 50% DM</th>
<th>Wet Chem @ 50% NOC</th>
<th>Wet Chem @ 50% NOC</th>
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Just as the weather in 2019 was somewhere in between the extremes of 2017 and 2018, the forage quality characteristics of the crop also rank somewhere between 2017 and 2018. Based on these results, where corn was able to properly mature for silage, it can be expected that it will offer a better feed quality than 2017, but may not reach the potential of 2018 corn silage. In the future, the Southwest NY Dairy, Livestock and Field Crops program hopes to collaborate with the PRO-DAIRY team to have on-farm research conducted in Southwest New York! Below, you will find an example of the hybrid tables that can be found in the full report. The full online hybrid trial results can be found by visiting:

Don’t have internet access? Request a paper copy of the Corn Silage Hybrid Evaluation by calling Josh Putman at 716-490-5572.

You can use Joe Lawrence’s findings to better understand how a hybrid variety might perform on your farm!
Farm Labor Law Info Sessions

Join Katelyn Walley-Stoll, Farm Business Management Specialist with SWNYDLFC, and Agriculture Labor Specialists from NYS Department of Labor (DOL) to learn more about the new Farm Laborers Fair Labor Practices Act and how it will affect your farm business.

NYSDOL Ag Specialists will be on hand to field questions regarding the new laws. They are here to help producers understand the impact of new laws. NYSDOL will provide information on compliance with the Farm Laborers Fair Labor Practices Act. DOL will review how the changes will impact employer scheduling, payment of wages and recordkeeping. Updated materials will be available.

Additionally, we will have the opportunity to review a new tool developed by Dr. Jenny Ifft from Cornell’s Dyson School that will help producers calculate overtime costs and assist in their decision making process.

Any farm employers with at least one employee on payroll is subject to these new laws as of January 1st, 2020. Plan to attend this info session to better understand your responsibilities and have your questions answered by DOL Ag Specialists.

Looking for more information on the state’s new farm labor law? Be sure to visit Cornell Cooperative Extension’s Agricultural Workforce Development program, led by Rich Stup, online to view information on topics like:

- 2019 New York FLFLPA Labor Law Changes
- What Employers Can and Cannot Say About Unions
- Adapting Your Labor Strategies to New York’s Revised Farm Labor Employment Laws
- Disability Insurance, Paid Family Leave, and Farm Employees

agworkforce.cals.cornell.edu

We hope to see any farm managers with at least one employee on payroll at our upcoming free Labor Info Sessions! Be sure to RSVP by January 13th/20th to Katelyn.
New Tools Available to Help New York Farms Manage New Overtime Regulations

On January 1, 2020 New York farms will have to pay overtime wages (1.5 times the ‘regular rate of pay’) for nearly all employees that work over 60 hours a week. Researchers and extension educators from Cornell University Agricultural Workforce Development, Charles H. Dyson School of Applied Economics and Management, Cooperative Extension and PRO-DAIRY, have developed several tools to help New York farms manage through these changes. Their spreadsheet tool is designed to help farm managers estimate how much overtime they would have to pay under their current employee work schedules. The tool can also be used to estimate costs of new work schedules. To use the tool, you will need to know current compensation levels and work schedules.

Worksheets are provided for collecting or calculating that information in advance, if it is not readily available.

A new extension bulletin on “Adapting Your Labor Strategies to New York’s Revised Farm Labor Employment Laws” discusses the pro and cons of various management strategies that farm may consider in response to the new overtime rules. The guide does not make recommendations, but details the positive and negative implications of changes to work schedules, employee policies and the farm. Please visit https://agworkforce.cals.cornell.edu/overtime to download these tools. You can contact Jennifer Ifft (jifft@cornell.edu) or Richard Stup (rstup@cornell.edu) for more information.

For Southern Tier Crop Congress Information or Sponsorship opportunities contact Josh Putman (716-490-5572 or jap473@cornell.edu) or Lynn Bliven (585-268-7466 or lao3@cornell.edu).


Wednesday, January 22nd, 2020
Belfast Fire Hall, 13 Merton Ave. Belfast, NY 14711
9:00-9:45AM - Registration and visit with vendors
9:45-10:00AM - Opening remarks + introduction of newly formed SWNY Dairy, Livestock, Field Crops Team
10:00-10:45AM – Insect identification and control in corn and soybean production systems in New York - Dr. Mike Stanyard, NWNY Dairy, Livestock, Field Crops Team
10:45-11:30AM – Field crop disease update and management options of current diseases found in New York - Dr. Gary Bergstrom, Field Crops Plant Pathologist at Cornell University
11:45-12:15PM – Lunch and visit with vendors
12:15-1:30PM – Keeping long term hay fields productive - Dan Steward, Crop Consultant WNY Crop Management
1:30-2:15PM – Palmer amaranth now confirmed in New York – management options for this highly problematic weed - Josh Putman, SWNY Dairy, Livestock, Field Crops Team
2:15PM – Collect DEC credits and adjourn

2.5 DEC Credits: Categories 1A, 10, 21
2.0 DEC Credits: Category 23
4.0 CCA CEU Credits: 1.0 CM, 2.0 IPM, 1.0 NM
**Funds Available for Repairs or Upgrades that Improve Safety on NY Farms**

The New York Center for Agricultural Medicine and Health (NYCAMH) is offering financial assistance to farm operations for repairs and upgrades that help make for a safer workplace.

**Farmers are awarded 50% of the cost of the project, up to $5,000.**

The cost-matching program is designed to address the unique needs of small and medium-sized farm operations without the complexities often attached to many agricultural grants.

Recently funded projects: cattle handling systems, silo repairs and barn electrical repairs.

**APPLY NOW**

Contact NYCAMH at 800.343.7527 or email jmsf@bassett.org

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**Who can apply?**

Applicants must meet all 3 criteria to be considered:

1. Active farmer, part-time or full-time
2. New York State resident
3. Annual farm gross income of $10,000 to $350,000 for non-dairy operations or fewer than 700 milking cows for a dairy operation

**Where do I begin?**

Fill out an application. (Go to www.nycamh.org and search for the John May Farm Safety Fund)

If you’re unsure of your farm’s safety needs or how to prioritize them, start by requesting a free, confidential on-farm walkthrough with a NYCAMH safety specialist.

**How much do I have to pay and when?**

The applicant pays for the project upfront and gets reimbursed the approved amount of 50% of the project, up to $5,000, upon documented completion.

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**“We are most pleased to have completed our electrical improvements on our dairy farm. The John May Farm Safety Fund made a dream come true for our farm. Everyone we worked with in NYCAMH has been supportive, helpful and a pleasure to work with.”**

—William Anderson

**“Staff are awesome, I can honestly say that I learned from you guys and the safety consult/visit convinced me to purchase additional safety equipment. From start to finish this was easy, this was fun.”**

—Jason Detzel

**“This is a wonderful program. Without it our grain bins would not have safety cages on them. It’s a lot easier to buy something like cages if you only have to pay for half of it.”**

—Anonymous

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**The John May Safety Fund is a great way to provide a 50% match towards improvements you may have already been considering on your farm! Contact NYCAMH or Katelyn at 716-640-0522 for more information.**

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**CROPS COWS & CRITTERS newsletter**

**Contact Form**

RETURN TO:  
Katelyn Walley-Stoll  
CCE-Chautauqua @ JCC Carnahan Center  
525 Falconer Street, PO Box 20  
Jamestown, NY 14702-0020  
716-640-0522  
kaw249@cornell.edu

(name, mail, scan, or snap a picture and text or email)

Name: ____________________________

Farm Name: _______________________

Mailing Address: __________________

Phone Number: ____________________

Best time to call: __________________

Email Address: ____________________

Would you be willing to host our team for a brief visit to learn more about your operation? _______

Areas of Interest (check all that apply):

__ Dairy  __ Business Planning
__ Beef  __ Financial Analysis
__ Goats/Sheep  __ Pesticide Training Credits
__ Poultry/Other  __ FSA Borrower Credits
__ Corn  __ Other (please describe)
__ Grass/Hay  __
__ Soil Health  __
__ Small Grains  __
__ Soybeans  __
__ Other Crops  __
__ Grazing/Pastures  __
__ Farm Mngmt  __
__ Beginning Farmer  __

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To continue to receive our newsletter and timely contact for upcoming events, updates, and program announcements, be sure to complete this form and return it to us!
**Dairy Market Watch**

**December 2019**

Prepared by Katelyn Walley-Stoll.
Funded by PRO-DAIRY.

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### Milk Component Prices

<table>
<thead>
<tr>
<th>Month</th>
<th>Butterfat</th>
<th>Protein</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov 18</td>
<td>$2.53</td>
<td>$1.34</td>
</tr>
<tr>
<td>Dec 18</td>
<td>$2.50</td>
<td>$1.14</td>
</tr>
<tr>
<td>Jan 19</td>
<td>$2.50</td>
<td>$1.19</td>
</tr>
<tr>
<td>Feb 19</td>
<td>$2.53</td>
<td>$1.78</td>
</tr>
<tr>
<td>Mar 19</td>
<td>$2.55</td>
<td>$1.63</td>
</tr>
<tr>
<td>Apr 19</td>
<td>$2.54</td>
<td>$1.99</td>
</tr>
<tr>
<td>May 19</td>
<td>$2.57</td>
<td>$2.12</td>
</tr>
<tr>
<td>June 19</td>
<td>$2.66</td>
<td>$2.00</td>
</tr>
<tr>
<td>July 19</td>
<td>$2.68</td>
<td>$2.40</td>
</tr>
<tr>
<td>Aug 19</td>
<td>$2.65</td>
<td>$2.44</td>
</tr>
<tr>
<td>Sep 19</td>
<td>$2.49</td>
<td>$2.86</td>
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<tr>
<td>Oct 19</td>
<td>$2.40</td>
<td>$3.17</td>
</tr>
<tr>
<td>Nov 19</td>
<td>$2.32</td>
<td>$3.91</td>
</tr>
</tbody>
</table>

### Milk Class Prices

<table>
<thead>
<tr>
<th>Month</th>
<th>I (Boston)</th>
<th>II</th>
<th>III</th>
<th>IV</th>
<th>Jamestown, NY</th>
<th>Albany, NY</th>
<th>Albany $/gal. to farmer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov 18</td>
<td>$18.77</td>
<td>$15.63</td>
<td>$14.44</td>
<td>$15.06</td>
<td>$15.47</td>
<td>$1.03</td>
<td>$16.07</td>
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<tr>
<td>Dec 18</td>
<td>$18.30</td>
<td>$15.67</td>
<td>$13.78</td>
<td>$15.09</td>
<td>$15.12</td>
<td>$1.34</td>
<td>$15.72</td>
</tr>
<tr>
<td>Jan 19</td>
<td>$18.37</td>
<td>$15.74</td>
<td>$13.96</td>
<td>$15.48</td>
<td>$15.27</td>
<td>$1.31</td>
<td>$15.87</td>
</tr>
<tr>
<td>Feb 19</td>
<td>$18.55</td>
<td>$16.13</td>
<td>$13.89</td>
<td>$15.86</td>
<td>$15.50</td>
<td>$1.61</td>
<td>$16.10</td>
</tr>
<tr>
<td>Mar 19</td>
<td>$19.23</td>
<td>$16.61</td>
<td>$15.04</td>
<td>$15.71</td>
<td>$16.02</td>
<td>$0.98</td>
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<tr>
<td>Apr 19</td>
<td>$19.01</td>
<td>$16.38</td>
<td>$15.96</td>
<td>$15.72</td>
<td>$16.19</td>
<td>$0.23</td>
<td>$16.79</td>
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<tr>
<td>May 19</td>
<td>$19.67</td>
<td>$16.48</td>
<td>$16.38</td>
<td>$16.29</td>
<td>$16.65</td>
<td>$0.27</td>
<td>$17.25</td>
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<tr>
<td>June 19</td>
<td>$20.32</td>
<td>$17.30</td>
<td>$16.27</td>
<td>$16.83</td>
<td>$17.13</td>
<td>$0.86</td>
<td>$17.73</td>
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<tr>
<td>July 19</td>
<td>$21.14</td>
<td>$17.60</td>
<td>$17.55</td>
<td>$16.90</td>
<td>$17.68</td>
<td>$0.13</td>
<td>$17.28</td>
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<tr>
<td>Aug 19</td>
<td>$21.14</td>
<td>$17.60</td>
<td>$17.60</td>
<td>$16.74</td>
<td>$17.82</td>
<td>$0.22</td>
<td>$18.42</td>
</tr>
<tr>
<td>Sep 19</td>
<td>$21.10</td>
<td>$16.93</td>
<td>$18.31</td>
<td>$16.35</td>
<td>$17.63</td>
<td>$(0.68)</td>
<td>$18.23</td>
</tr>
<tr>
<td>Oct 19</td>
<td>$21.09</td>
<td>$16.68</td>
<td>$18.72</td>
<td>$16.39</td>
<td>$17.57</td>
<td>$(1.15)</td>
<td>$18.17</td>
</tr>
<tr>
<td>Nov 19</td>
<td>$21.39</td>
<td>$16.85</td>
<td>$20.45</td>
<td>$16.60</td>
<td>$18.05</td>
<td>$(2.40)</td>
<td>$18.65</td>
</tr>
</tbody>
</table>

### Statistical Uniform Price & PPD

November Utilization (Northeast): Class I = 31.8%; Class II = 22.8%; Class III = 27.8%; Class IV = 17.6%.

**Class I** = fluid milk; **Class II** = soft products, cream, and yogurt; **Class III** = cheese (American, Italian), evaporated and condensed products; **Class IV** = butter and milk powder.

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### Dairy Commodity Markets

(Dairy Commodity Markets (USDA Dairy Market News – Volume 86, Report 50, December 13th))

**Cheese**: Cheese markets, particularly barrel prices, are bound to be in damage control for the rest of 2019. After nearing historic peaks this fall, prices this week have been in a bearish descent. That said, pricing corrections were expected from most national cheese contacts, and producers have been waiting for some downward pressure to entice buyers. Reason being: End users have limited purchasing to a near-term/necessity basis due to the aforementioned high prices. Another positive note, for some cheese industry actors, is that barrel prices have declined and put blocks back in the driver’s seat, which they say aligns with market balance. Cheese production is steady to higher. There is plenty of holiday season milk available.

**Dry Products**: Low/medium heat nonfat dry milk (NDM) spot prices are steady to higher. Trading activities are steady to a bit slower, but the market tone is experiencing bullishness. High heat NDM prices are mostly higher. Inventories are reported as tight, yet interest is steady to slow this week. Dry buttermilk prices are steady to higher currently. In some areas, spot trades were slightly more active. Market conditions are fairly stable. Dry whole milk prices are unchanged on the price range. Trading was slower this close to the end-of-year holidays. Whey powder prices are mixed throughout the regions.

**Fluid Milk**: Farm milk output is variant, in some cases from one farm to the next. The 30,000 foot view would suggest it is increasing week-to-week, but lower year-to-year on a number of farms nationwide. All that said, there is plentiful milk in most processing facilities in the country. Bottlers have cut orders, in some cases, in the midst of the fall/winter holiday season. Cheese producers continue to report Class to sub-$2 discounts on spot milk loads. Cream supplies are not as variant as raw milk, as they are generally abundant from coast to coast.

**Butter**: With more butter in storage, butter contacts expect that to translate into more retail promotions and interest. Buyers may be enticed by the sub $2 butter market prices, as its their first time to see that since 2016. Current stores are over $1.80 and current production is only adding to stocks. Cream is available nationwide.

<table>
<thead>
<tr>
<th>Dates</th>
<th>Friday CME Cash Prices</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>11/15</td>
</tr>
<tr>
<td>Butter</td>
<td>$2.06</td>
</tr>
<tr>
<td>Cheese</td>
<td>$1.89</td>
</tr>
<tr>
<td>(40# Blocks)</td>
<td></td>
</tr>
</tbody>
</table>

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An educational newsletter to keep producers informed of changing market factors affecting the dairy industry.

For more information on Dairy Business Management and Market Analysis, contact Katelyn Walley-Stoll, Farm Business Management Specialist, at 716-640-0522 or kaw249@cornell.edu.

10 - December 2019
Annual milk production forecasts for 2019 and 2020 are unchanged from last month’s forecasts. For 2019, the Class III price forecast has been lowered due to a weaker cheese price, but the Class IV price is unchanged as a lower butter price is offset by a higher nonfat dry milk (NDM) price. For 2020, Class III and IV price forecasts are raised as all major dairy product price forecasts have been raised except for butter. The all-milk price forecast for 2019 is unchanged at $18.60 per hundredweight (cwt), but the all-milk price forecast for 2020 has been raised to $19.40 per cwt, $0.55 higher than last month’s forecast.

The 2019/20 corn price forecast is unchanged from last month at $3.85 per bushel. The soybean meal forecast for 2019/20 is $310 per short ton, $15 lower than last month’s forecast. The October alfalfa hay price was $179 per short ton, $2 lower than September but $3 higher than October 2018. The 5-State weighted-average price for premium alfalfa hay in October was $205 per short ton, $1 higher than the September price.

A faster pace of cattle slaughter boosts beef production in fourth-quarter 2019. However, 2020 production was reduced on a slightly slower pace of fed and non-fed cattle slaughter in first-half 2020. Fed cattle prices were raised for fourth-quarter 2019 on recent price data and price strength carried into 2020. Beef imports for 2019 and 2020 were raised from last month on reported trade data and expectations that processing grade beef will remain strong. Fourth-quarter beef exports for 2019 were lowered to reflect weaker demand; 2020 exports were unchanged.

Based on recent data for milk cow numbers, the 2019 fourth-quarter forecast for milk cows is 9.325 million head, 10,000 higher than last month’s forecast. The fourth-quarter forecast for yield per cow is unchanged at 5,805 pounds. The annual forecast for average size of the milking herd is 9.330 million head, 5,000 higher than last month’s forecast. The 2019 forecast for yield per cow is 23,435 pounds. The annual milk production forecast for 2019 rounds to 218.6 billion pounds, unchanged from last month’s forecast.

The 2019 annual forecast for exports on a milk-fat basis is unchanged from last month at 9.0 billion pounds. Based on recent data, forecasts for the cheese and butter prices for the fourth quarter of 2019 have been lowered to $2.070 per pound (-1.0 cent) and $2.070 per pound (-3.5 cents), respectively. With a lower cheese price forecast more than offsetting the higher whey price forecast, the fourth quarter Class III milk price forecast has been lowered to $19.55 per hundredweight (cwt). With the higher NDM price forecast offsetting the lower butter price forecast, the fourth-quarter Class IV milk price forecast is unchanged at $16.50 per cwt. The all-milk price forecast for the fourth quarter has been lowered to $20.45 per cwt, $0.05 lower than last month’s forecast.

With higher expected demand for cheese, the 2020 cheese price forecast has been raised to $1.865 per pound (+0.5 cents). With recent weakness in butter prices expected to extend into next year, the butter price forecast for 2020 has been lowered to $2.020 per pound (-4.0 cents). With the higher expected prices for all major dairy product prices except for butter, the Class III price has been raised to $17.65 per cwt (+$0.15) and the Class IV price has been raised to $16.95 per cwt (+$1.00). The all-milk forecast for 2020 has been raised to $19.40 per cwt, $0.55 higher than last month’s forecast.

Cheese demand is higher than expected, driving the 2020 cheese price up to $1.865 per pound.

USDA is forecasting the 2020 all-milk price to be $19.40/cwt - a $0.55 increase from last month’s forecast.
## Upcoming Events

<table>
<thead>
<tr>
<th>Date and Time</th>
<th>Topic</th>
<th>Location</th>
<th>Learn More...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday, January 10th, 2020</td>
<td>Beef Quality Assurance Transportation Training</td>
<td>Empire Livestock Market</td>
<td>Contact Shannon Carpenter, DVM (716-783-4650) or visit our website.</td>
</tr>
<tr>
<td>10am - 2pm</td>
<td></td>
<td>Cherry Creek, NY</td>
<td></td>
</tr>
<tr>
<td>Tuesday, January 14th, 2020</td>
<td>Automated Milking System Discussion Group</td>
<td>CCE-Cattaraugus</td>
<td>Alycia Drwencke, SWNYDLFC Learn more on page 1.</td>
</tr>
<tr>
<td>5:30pm - 8pm</td>
<td></td>
<td>Ellicottville, NY</td>
<td></td>
</tr>
<tr>
<td>Thursday, January 16th, 2020</td>
<td>Farm Labor Law Info Session</td>
<td>CLEREL</td>
<td>Katelyn Walley-Stoll, SWNYDLFC Learn more on page 7.</td>
</tr>
<tr>
<td>10:30am - 12pm</td>
<td></td>
<td>Portland, NY</td>
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<tr>
<td>Thursday, January 16th, 2020</td>
<td>Farm Labor Law Info Session</td>
<td>CCE-Cattaraugus</td>
<td>Katelyn Walley-Stoll, SWNYDLFC Learn more on page 7.</td>
</tr>
<tr>
<td>2:30pm - 4pm</td>
<td></td>
<td>Ellicottville, NY</td>
<td></td>
</tr>
<tr>
<td>Thursday, January 16th, 2020</td>
<td>2020 Hemp Session</td>
<td>Oncenter</td>
<td>Visit nysgva.org or view program outline on our website.</td>
</tr>
<tr>
<td>9am - 2:15pm</td>
<td>Empire State Producers Expo</td>
<td>Syracuse, NY</td>
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<tr>
<td>Thursday, January 23rd, 2020</td>
<td>Farm Labor Law Info Session</td>
<td>Community Arts Center</td>
<td>Katelyn Walley-Stoll, SWNYDLFC Learn more on page 7.</td>
</tr>
<tr>
<td>11am - 12:30pm</td>
<td></td>
<td>Hornell, NY</td>
<td></td>
</tr>
<tr>
<td>Wednesday, January 22nd, 2020</td>
<td>Southern Tier Crop Congress w/ CCE-Allegany</td>
<td>Belfast Fire Hall</td>
<td>Josh Putman, SWNYDLFC Learn more on page 8.</td>
</tr>
<tr>
<td>9am - 2:30pm</td>
<td></td>
<td>Belfast, NY</td>
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<tr>
<td>Friday, February 7th, 2020 -</td>
<td>NY Beef Producers Association Annual Meeting</td>
<td>Embassy Suites</td>
<td>Learn more by visiting <a href="http://nybpa.org/conference.html">http://nybpa.org/conference.html</a>.</td>
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<tr>
<td>Sunday, February 9th, 2020</td>
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<td>Syracuse, NY</td>
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<tr>
<td>7:45am - Afternoon</td>
<td></td>
<td>Waterloo, NY</td>
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</table>

More info coming soon: The team will be doing a series of lunchtime meet-and-greets throughout the month of February - we hope to see you there!