



Extension
UNIVERSITY OF WISCONSIN-MADISON
MARINETTE COUNTY

Courthouse
1926 Hall Avenue
Marinette, WI 54143
Phone: 715-732-7510



If you will need any type of accommodation or assistance as you attend any Extension sponsored event, please contact the host county or Scott at the Marinette County office at least two days prior to the event. All requests will be confidential.

Scott Reuss
715-732-7510
1-877-884-4408
cell 715-923-0807
sreuss@marinettecounty.com

An EEO/Affirmative Action Employer, University of Wisconsin-Extension provides equal opportunities in employment and programming, including Title IX and ADA requirements.

January, 2020 Newsletter

Many decisions to make, many opportunities to learn about lots of topics. If you are a typical livestock farm this winter, please look at the last page and consider attending that event. Contact me with any questions about events or any requests for assistance.

Scott Reuss

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Upcoming Events (contact Scott if you want more details regarding an event that is not otherwise listed in the newsletter.)

- Jan. 7, 14, 21 Clintonville Cow College (page 11)
- Jan. 8 Kimberly 7:30 am Agronomy Update
- Jan. 15 Lena TH 10 am ARC/PLC Decision Making (pg. 2)
12:30 pm Crop Cost of Production wkshp. (Pg. 2)
- Jan. 20 Elkhart Lake Robotic Milking Systems (page 5)
- Jan. 22 Coleman 10 am Feeds & Feeding workshop (pg. 12)
- Jan. 24 Fond du Lac Using Technology to Promote Soil Health (pg. 4)
- Jan. 24/25 Madison Organic Grain Conference
- Jan. 26-28 WI Dells Fruit & Veg Growers' Annual Conference
- Jan. 28 Green Bay CAFO Update meeting
- Jan. 28 Green Valley Forage Disease Mgmt. (pg. 3)
- Jan. 29 Coleman 10 am Pesticide Applicator Training (pg. 10)
- Jan. 30 New London CAFO Meeting
- Jan. 30 Shawano - Qualheim's 6 pm Raising Blueberries
- Jan. 31 Green Bay Supporting Farmers' events (pgs 6/7)
- Feb. 6 Manitowoc CAFO Meeting
- Feb. 6 Coleman 1 pm ARC/PLC Decision Making
- Feb. 6/7 WI Dells Corn/Soy Expo
- Feb. 11 Kimberly Produce Safety Rule Training (pgs. 8/9)
- Feb. 17-19 WI Dells Forage Production & Use Symposium
- Feb. 21/22 WI Dells WI Cattlemens' Association Conference

FSA Crop Program Decision-Making Workshops

Extension and Farm Service Agency personnel are cooperating to bring producers two opportunities to learn more about the important decisions that need to be made in the near future regarding the new farm bill's ARC/PLC decision.

Wednesday, January 15, 10 a.m. - Noon
Thursday, February 6, 1 to 3:30 p.m.

Lena Town Hall (6087 Goatsville Road; NW of Lena)
Pound Town Hall (W8484 Cty. Hwy. B, Coleman)

Many of you remember making the ARC vs. PLC decision a few years ago and now we have the opportunity to make that decision again. This time around, there are a few significant differences in the decision-making processes that will be undergone; as well as the pricing situation that will make the decision a bit less straightforward than last time. We still have the same three options from which to choose: PLC (Price Loss Coverage; ARC-CO (Agriculture Risk Coverage – County); or ARC-IC (Agriculture Risk Coverage – Individual).

The discussion at this workshop will focus on opportunities for yield updating, program deadlines and requirements; and what types of information you are going to want to use to make the decision for your farm and crop situations. We will also look at the tools that are available for you to use in the process and the generalized realities of the three different programs, but knowing that every farm is going to have a slightly different situation.

The sign up deadline to make this set of decisions is March 15, but there are steps that may take extra time, and many of you will have appointments with FSA far in advance of the deadline. Taking part in the discussion at one of these events will help you understand the possibilities and analyze the options and how they may work for your individual FSA Farms, as that is the scale at which the decisions are made, not just one decision for your entire cropping operation.

There is no fee for attending either program, nor is pre-registration required. If you have questions about these topics, contact Scott Reuss in the Marinette County office at 715-732-7510 or via e-mail to sreuss@marinettecounty.com or contact FSA personnel at 920-829-5406, Ext. 2.

Calculating 2020 Crop Production Costs:

Helping make rotation, land rent, and similar decisions.

Wednesday, January 15 @ the Lena Town Hall (6087 Goatsville Road at the intersection of Goatsville & Jagiello Roads NW of Village of Lena)

12:30 p.m. to 3:30 p.m.

No registration fee, Snacks provided

Bring along a laptop if you have one, you can load the spreadsheet on which we will work through the discussion.

12:30 to 2:30 Putting sound numbers to 2020 production costs

2:30 to 3:30 Making adjustments caused by last year's challenges

We will analyze all the different inputs and calculate our area's average cost of production for our primary crops, and you will be able to plug your own numbers in to be able to compare. Discussion and calculating facilitated by Scott Reuss, UW-Madison Div. of Extension Agriculture Agent.



Extension
UNIVERSITY OF WISCONSIN-MADISON

The Fungus Among Us: Understanding the Cost of Fungal Diseases in Our Forages

Tuesday January 28th

Two Locations:

9:00 AM - 11:00 AM

Matsche Center

363 Railroad St.

Biramwood, WI

1:00 PM - 3:00 PM

Green Valley Town Hall

W1734 County Rd E

Cecil, WI

Agronomics of Growing “Clean”

Forage in the Midwest

Damon L. Smith, Ph.D.

Field Crops Extension Pathologist

Department of Plant Pathology UW-Madison

Mycotoxins: Invisible and Harmful

Kimberly Schmidt

Agriculture Educator

Extension Shawano County

No Fee

RSVP by January 22nd to Shawano Co.

Extension Office 715-526-6136

Wisconsin Soil and Water Conservation Society Annual Conference

Using Technology and Innovation to Promote Soil Health

January 24, 2020 ✕ 9 am to 3 pm

UWO-Fond du Lac

400 University Drive, Fond du Lac, University Center – Room LGI 113/114
Registration begins at 8:30 am

Using Precision Ag to Improve Soil Health

- ✕ Joe Sinkula, Riesterer and Schnell

Advanced Manure Application and Technology Field Trials

- ✕ Amber O'Brien, Extension Calumet County
- ✕ Joe Sinkula, Riesterer and Schnell

SWCS Student Chapter Updates

Precision Farming to Enhance Conservation Delivery

- ✕ Scott Stipetich, Pheasants Forever

Advancing Soil Health with Cropping Innovation – Panel

- ✕ Rick Gehrke, Gehrke Family Farms
- ✕ Charlie Hammer and Nancy Kavazanjian, Hammer and Kavazanjian Farms

Please complete a registration form for each participant. **PLEASE PRINT ALL INFORMATION**

Name: _____ Affiliation: _____

Address: _____

Phone: _____ Email: _____

Check One: Non-Student Registration (\$50) _____ Student Registration (\$30) _____ After Jan 20th (\$60) _____

Dietary Restrictions/Preference: Vegetarian _____ Other: _____

Please forward registration form and remittance, payable to Wisconsin Chapter-SWCS, by January 20 to:
WI Chapter-SWCS, Attn: Gene Hausner, 520 N. Worcester St., Spring Green, WI 53588

OR you can register online at <https://wiswcsdotorg.wordpress.com/>

Questions? Contact Jamie Patton at jjpatton2@wisc.edu



BUILDING OUR DAIRY FUTURE: ROBOTIC MILKING SYSTEMS PERFORMANCE & EFFICIENCY

Monday, January 20, 2020

The Osthoff Resort

101 Osthoff Ave, Elkhart Lake, WI

10:00 am Registration

10:30 am **AMS Facility Design Considerations**

Jouni Pitkäranta, Architect, 4dbarn

11:15 am **Economics of Automatic Milking & User Experiences**

Jim Salfer, Regional Field Specialist, MN Extension

12:00 pm Lunch

1:00 pm **Labor Efficiency in AMS Barns**

Jouni Pitkäranta, Architect, 4dbarn

1:45 pm **Robots: The Good, The Bad, The Unknown**

*Panelists: JenLar Holsteins (Larry & Jennifer Meyer),
BMO Harris, Abts Lely Center, Fox Cities Builders*

3:00 pm **Wrap up**



**FOR MORE INFORMATION,
PLEASE CONTACT:**

Steph Plaster
UWEX Washington/Ozaukee Co
262.335.4482
stephanie.plaster@wisc.edu

Tina Kohlman
UWEX Fond du Lac Co
920.929.3180
tina.kohlman@wisc.edu

Scott Gunderson
UWEX Manitowoc Co
920.683.4175
scott.gunderson@wisc.edu

Amber O'Brien
UWEX Calumet Co
920.849.1450
amber.obrien@wisc.edu

Financial Support
Provided By:



Building Our Future: Robotic Milking Systems - January 20, 2020

Registration Cost: \$50 per person

Name: _____

Address: _____

City/State: _____

Zip: _____

Phone: _____

Email: _____

Please make checks payable and mail to:

UW-Extension

Attn: Robotic Milking Systems

121 West Main St, PO Box 994

Port Washington, WI 53074

Or to pay by credit card for a \$ 3 per person
convenience fee, please call 920.929.3173

Pre-registration requested by Monday, January 13.



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Supporting Farmers During Challenging Times

A meeting for agribusiness professionals and agency staff

FRIDAY, JANUARY 31, 2020

9:00 AM TO 11:30 AM

TUNDRA LODGE, GREEN BAY

HARDENING YOUR CLIENT'S BUSINESS

Dr. Mark Stephenson, Director of Dairy Policy Analysis, UW-Madison/Division of Extension

PRODUCER PANEL—INSIGHTS FOR PROFESSIONALS

Experiences and tips about working with clients exiting/transitioning to a different enterprise

WISCONSIN'S CHANGING WEATHER—IMPACT ON WI AGRICULTURE

Jerry Clark, Agriculture Agent, Chippewa County Division of Extension

\$10 per person. Light refreshments and materials will be provided.

Please RSVP by January 15. Register online: <https://supportingfarmers.eventbrite.com>

**FOR MORE INFORMATION OR TO REGISTER BY JANUARY 15, PLEASE CONTACT YOUR
UW-MADISON DIVISION OF EXTENSION AG AGENT:**

Brown Co
Liz Binversie
920.391.4612
eybinversie@wisc.edu

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Kewaunee Co
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Shawano Co
Kimberly Schmidt
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kimberly.schmidt@wisc.edu



Extension
UNIVERSITY OF WISCONSIN-MADISON

Supporting Farmers During Challenging Times

A meeting for producers and farmers

FRIDAY, JANUARY 31, 2020

12:30 PM to 3:00 PM

TUNDRA LODGE, GREEN BAY

HARDENING YOUR BUSINESS

Dr. Mark Stephenson, Director of Dairy Policy Analysis, UW-Madison/Division of Extension

PRODUCER PANEL—ADAPTING TO THE “NEW NORMAL”

Local producers discuss adjusting to life after farming or transitioning to a different enterprise

WISCONSIN’S CHANGING WEATHER—IMPACT ON WI AGRICULTURE

Jerry Clark, Agriculture Agent, Chippewa County Division of Extension

\$10 per person. Light refreshments and materials will be provided.
Please RSVP by January 15. Register online: <https://supportingfarmers.eventbrite.com>

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Shawano Co
Kimberly Schmidt
715.526.6136
kimberly.schmidt@wisc.edu

Safe Wisconsin Produce: Who We Are

Safe Wisconsin Produce is a Department of Agriculture, Trade and Consumer Protection (DATCP) program to adopt federal food safety regulations in a manner that makes sense for our state's produce growers to ensure the safety and wholesomeness of food produced in Wisconsin. The program is working to educate Wisconsin produce growers covered by the Produce Safety Rule before on-farm inspections begin.

This program is the result of the FSMA of 2011, which changed the focus of U.S. food supply safety efforts from a response to a prevention approach. FSMA is put into action by several rules, including the Produce Safety Rule.

If you have questions about how the rule may affect your operation or would like information about available resources, contact us at:

Phone: (608) 224-4511

Email: safeproduce@wi.gov

Additional information and resources are also available at:

<http://safeproduce.wi.gov>

These trainings are provided by
UW-Madison Division of Extension in
cooperation with the Wisconsin Department of
Agriculture, Trade and Consumer Protection
and these partners:



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Wisconsin Department of Agriculture,
Trade and Consumer Protection
Division of Food and Recreational Safety

2811 Agriculture Drive, PO Box 8911
Madison, WI, 53708-8911

www.datcp.wi.gov



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UNIVERSITY OF WISCONSIN-MADISON

Produce Safety Rule Grower Training Course

2020 Dates

Association of Food
and Drug Officials
certificate included



Growing
Wisconsin
Safe Wisconsin Produce

What is the Produce Safety Rule grower training course?

If your farm is covered by the Produce Safety Rule, the next step is to attend a Food and Drug Administration (FDA)-approved Produce Safety Rule grower training course. Under the rule, a produce farm must have an employee who has completed this course. The course provides training to ensure a responsible party employed by the farm understands the required food safety practices. Upon completion, you will have a better understanding of how your farm's practices stack up against Produce Safety Rule requirements. You will also learn more about exceptions and exemptions available under the rule.

This one-day course provides a foundation of good agricultural practices and co-management information, Food Safety Modernization Act (FSMA) Produce Safety Rule requirements, and details for how to develop a farm food safety plan.

After attending the course, you are eligible to receive a certificate from the Association of Food and Drug Officials (AFDO) that verifies you completed the training. To receive an AFDO certificate, a participant must be present for the entire training and submit the appropriate paperwork to their trainer at the end of the course.

2020 Trainings

All classes are 8 a.m.-5 p.m.

You must pre-register due to limited space.

Tuesday, January 14	Best Western Indianhead Meeting Room 600 Oasis Rd. Black River Falls, WI 54615
Friday, January 17	University Center Room 275 Old Main Ballroom 228 Wyman Mall Whitewater, WI 53190
Sunday, January 26	Kalahari Conference Center 1305 Kalahari Dr. Wisconsin Dells, WI 53965
Tuesday, February 11	Liberty Hall Banquet and Conference Center 800 Eisenhower Dr. Kimberly, WI 54136
Friday, February 21	Kingston Town Hall W6368 Pine St. Dalton, WI 53926
Tuesday, February 25	UW-Madison Extension Washington County Room 1113 333 E. Washington St. #1200 West Bend, WI 53095

Grower trainings are held on an ongoing basis.

What will I learn?

Trained and certified staff from the Safe Wisconsin Produce program and its partner organizations conduct a seven-hour course that covers the following topics:

- Introduction to produce safety
- Worker health, hygiene, and training
- Soil amendments
- Wildlife, domesticated animals, and land use
- Agricultural water
 - Part I: Production water
 - Part II: Postharvest water
- Postharvest handling and sanitation
- How to develop a farm food safety plan

How do I register?

You must pre-register either online at <https://fsmaproducesafety.wiscweb.wisc.edu/registration/> or contact your local University of Wisconsin-Madison Division of Extension office for a paper registration. The training cost is \$75 and includes:

- Produce Safety Alliance grower training manual
- AFDO certificate of attendance
- Refreshments
- Lunch

If you have a disability and need special accommodations or have questions about accessibility, contact the UW-Madison Division of Extension at (608) 265-9585.

PRIVATE PESTICIDE APPLICATOR TRAINING

You have two options to become certified or recertified as a private pesticide applicator. The first is to attend one of the private pesticide applicator training programs conducted by Extension and then satisfactorily complete the evaluation at the end of that session. The second is to study the materials on your own and arrange to take the test in the Marinette office. Either method has a \$40 fee which covers the five years of the license period.

A minimum score of 50 percent must be achieved on the evaluation administered at the end of the training. **Those choosing the test only option must score 70 percent.** The test is open book and you are allowed 2 hours, with retakes (if necessary) at no extra cost.

There are two training & test sessions which will be held in our immediate area this season:

Wednesday, January 29 Pound Town Hall (east edge of Coleman on Hwy. B)

Friday, February 28 Oconto Falls Library (251 N. Main St.)

Training sessions will begin at 10 a.m. Most participants are done around 3p.m.

You are welcome to come early and discuss any type of crop management issue with Scott as he gets the room and materials ready for the training, he is usually there by 9:30 at the latest.

(Shawano County is hosting trainings on Jan. 23 & Feb. 11, if the above dates do not work.)

-Is the Private Applicator Training the right category for me??

If you answer **yes** to any of the questions below, you should become certified in the correct Commercial Pesticide Applicator category. Call Scott Reuss at the Marinette office, 715-732-7510 to find out the logistics of that process:

- Do you custom spray on more than 500 acres OR for more than 3 other producers?
- Do you custom bale and apply propionic acid on more than 500 baled acres?
- Do you apply restricted-use pesticides to ANY of your own non cropland acreage?

To sign up for one of the sessions or to have the materials sent to you for self-study (Write in self-study somewhere below.) purposes, return the form below with your check for \$40. If you have questions not answered here regarding the training or the difference between private and commercial applicator certification, contact Scott Reuss, Marinette County Agricultural Agent, 715-732-7510 or toll-free at 1-877-884-4480.

Name _____
Mailing Address _____
City _____ Zip _____
Telephone _____

Please circle the date of the program you are planning on attending and then send your registration and check, or stop by the Marinette County Extension office and pick up your materials in person. Make checks payable to Extension (\$40 per person).

Pound Town Hall
Wednesday, January 29

Oconto Falls Library
Friday, Feb. 28

Send check & registration to:
Marinette County Extension
1926 Hall Avenue
Marinette, WI 54143

Cow College 2020



FVTC Regional Center
525 S. Main Street
Hwy 22/45 Clintonville, WI



January 7 (1-3 PM)

Alternative Forages as Your Primary Feed Source?

Dr. Matt Akins, Extension Dairy Management Specialist, UW-Madison

Learn how forages like small grains, sorghums and mixes might replace alfalfa in milk cow diets.

Feeding Strategies to Maximize Milk Components

Dr. Zach Sawall, Central WI Dairy Nutritionist/Support Specialist, Vita Plus Corporation

Dr. Sawall grew up on a dairy farm just south of Clintonville. He will discuss ways to maximize milk components using dairy nutrition and feeding strategies that can boost dairy farm profitability.

January 14 (1-3 PM)

Dairy Breeding Strategies in an Era of High Pregnancy Rates

Dr. Paul Fricke, Extension Dairy Reproduction Specialist, UW-Madison

Getting high producing cows bred on time has always been and will always be one of the of the biggest challenges to dairy farm profitability. As a key advisor to many WI bovine veterinarians and AI organizations, get the latest research on ways to improve and maintain your dairy herd reproductive performance from one of the leading experts in the world.

Evaluating Your TMR: Little Things Matter the Most!

*Jim Livingston, Diamond-V Dairy Team Regional Manager
Kimberly Schmidt, Shawano County Extension Ag Educator*

Find out how on-farm, real-time TMR mixer evaluations and monitoring the feeding behavior of your cows can help improve production and save you money.

January 21 - Farm Tour

10:15 AM Fietzer Dairy Farm - E8276 Co Hwy N, Manawa 54949

2016 Lely robotic milking system (6 Bot/3 Paired), six-row natural ventilated 360 Cow freestall barn

11:15 AM Clinton Dairy Farm - E8351 State Hwy 22, Bear Creek 54922

2019 Waikato 50 cow rotary parlor, 250 cow holding area & 6-row tunnel ventilated freestall Barn

12:30 PM Lunch – FVTC Regional Center – State Hwy 22/45, Clintonville (across from Fleet Farm)

“Dairy Revenue Protection Insurance” - by Robert Netrefa, GreenStone Farm Credit Services

Register for the sessions you plan to attend: January 7 January 14 January 21 (Farm Tour)

Name(s) _____ Email _____

Address _____ City _____ Zip _____ Phone _____

Cost is \$5.00/day or \$10.00 total for all three = \$ _____ (Call or send check to UW-Extension by Fri. Jan 3)

Waupaca County UWEX
Courthouse 811 Harding St
Waupaca, WI 54981
715 258-6230

Shawano County UWEX
Courthouse, Rm 101
Shawano, WI 54166
715 526-6136

Outagamie County UWEX
3365 W Brewster Street
Appleton, WI 54914
920-832-4763

Feed and Feeding Management: Maintaining Livestock Profitability After a Rough Feed Production Year

Wednesday, January 22

10 a.m. to 2:30 p.m.

Pound Town Hall – W8484 Cty. Hwy. B, Coleman, WI

NO Registration Fee – lunch sponsored by Oconto County Extension
Please pre-register by calling Scott Reuss at 715-732-7510 or e-
mailing # of attendees to sreuss@marinettecounty.com

10 to 10:15 a.m. Registration

10:15 a.m. How much feed do you have on hand? Conducting an accurate feed inventory

- Jamie Van DeWalle, Independent Nutritionist, Dairy Advantage LLC.

11:15 a.m. Mycotoxins in your feed: testing, abating, managing

- Kimberly Schmidt – Shawano County Extension Agriculture Educator

Noon to 12:30 Lunch

12:30 p.m. Stretching your stored feed without hurting production

- Proper, economically viable alternatives (Van De Walle)

1:30 p.m. Crop planning for 2020: Options to help meet early feed needs
Dry Hay storage methods review

- Scott Reuss – Marinette/Oconto County Extension Crops/Soils Agent

Walk-ins are very welcome. Contact Reuss as above with any questions.

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