

Courthouse
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Marinette, WI 54143
Phone: 715-732-7510



If you will need any type of accommodation or assistance as you attend any UW-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.

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November, 2016 Newsletter

I would have to classify this as an 'average' harvest season for our area. We have some positives - soybean yield, grain maturity and drydown progressed very nicely, corn grain quality pretty good in most fields, amenable temperatures for most activities, and a few other things. We have a few negatives - some fields have been rutted in the process of harvesting, some aren't going to get harvested until freeze or a big shift in weather patterns, and the lack of hard freezes actually inhibited some producers' plans. All told, I think we'll take it.

Talking about GMO's is kinda like talking about the Chicago Bears in Green Bay: expect some heated discussion. But, we must be open about them and actually discuss their merits with non-producers. Two events on Nov. 9 and 10 are available to help you learn more about GMO's, as well as how to have good discussions about them.

Scott Reuss

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Calendar of Events (contact us if you want info on an event)

Nov. 8	everywhere	Election Day - if you don't vote, you can't complain about government!
Nov. 9	Oconto Falls	Mid & Early Career Dairy Professionals On GMO's 7 p.m. start (page 7)
Nov. 10	Kimberly	Pest Management Update: Noon (pg. 2)
Nov. 10	Marinette	GMO Realities & Civility: 6 p.m. (Pg. 7)
Nov. 15	Lena	FSA Deadline for acres certification of perennial crops and fall planted annuals
Nov. 20 - Dec. 30	home	NASS surveys
Dec. 1	Fox Valley	Manure Digester Tour (pg. 3/4)
Dec. 6	Kimberly	Dairy Calf Raising Workshop (see Oct.)
	Coleman	Farmland Rental Workshop @ 6:30 (pg. 8)
Dec. 7	Cecil	Soil, Water, & Nutrient meetings (pg. 5)
Dec. 8	SARE	Farmer/Rancher Grant submission deadline
Dec. 8	Gillett	Farmland Rental Workshop @ 10 (pg. 8)
Dec. 13	Marinette	Dairy MPP logistics workshop (pg.8)
Dec. 16	Lena	Dairy MPP Signup deadline
Dec. 16	Florence	Nutrient Management workshop (pg. 2)
Jan. 5	Kimberly	Agronomy Update @ 7:30 a.m.

Pest Management Update Meeting Series scheduled for November

The annual University of Wisconsin-Extension Pest Management Update meetings are scheduled Nov. 7-11 at various locations around the state. The format has changed for 2016. Meetings will either be in the morning or afternoon and will run for three hours. Morning meetings will begin promptly at 9 a.m. and run to 12 p.m. with lunch to follow. Afternoon meetings will begin at 1 p.m. and conclude at 4 p.m. with lunch served from 12 p.m.-1 p.m.

The new format includes presentations by Bryan Jensen, UW-Extension/UW-Madison Entomology; Dan Heider, UW Integrated Pest and Crop Management Program; Damon Smith UW-Extension field crops pathology specialist at UW-Madison Plant Pathology; and Mark Renz, UW-Extension weed scientist at UW-Madison. The specialists will share research updates and important highlights from the 2016 field season. The second portion will be an interactive diagnostic troubleshooting exercise based on issues observed in the 2016 field season. The diagnostic and focused-topic trainings have been a big hit over the past two years, so don't miss 2016!

In addition to a new format, a packet of information will be supplied to all registered participants. The packet includes handouts and a copy of the 2017 Pest Management in Wisconsin Field crops (A3646) guide. We also will include in the packet one copy each of ["A Farmer's Guide to Soybean Diseases"](#) and ["A Farmer's Guide to Corn Diseases"](#). This two volume set is a \$60 value!

Please register with the host agent at least one week prior to the meeting at the location you wish to attend. Please attend the meeting location at which you registered. Each meeting in the series is a separate county-based event and host agents cannot interchange registrant fees or meal counts. The two closest meetings are as follows:

-- Monday, Nov. 7, 1 p.m.-4 p.m.: Marshfield, Marshfield Ag Research Station, 2611 Yellowstone Drive. Contact: Richard Halopka, UW-Extension Clark County, Courthouse Rm. 104, 517 Court Street, Neillsville, WI 54456; (715) 743-5121.

-- Thursday, Nov. 10, 1 p.m.-4 p.m.: Kimberly, Liberty Hall, 800 Eisenhower Drive (Hwy. 441, College Avenue Exit, East 1 block). Contact: Kevin Jarek, UW-Extension Outagamie Cty, 3365 W. Brewster St. Appleton, WI 54914; (920) 832-5128

Three hours of CCA CEU pest management credits are requested and available at each location. Registration fees at each location may vary, but will be around \$50 which includes access to the packets, refreshments, 3 hours of CEU credit, and great information.

Managing Soils and Nutrients in Northern WI

Friday, December 16

10 a.m. – 2 p.m.

Florence Natural Resources Center

Soil is obviously the base of all we do in agriculture. Preventing soil erosion and maximizing soil health are critical to improving crop productivity and overall farm profitability. Join us for this informative event to detail what exactly nutrient management and soil health management can do for your farm, what is required, and how the various agencies can help you with either cost-share funding or other assistance. This is a joint effort of Florence County Land & Water Conservation, Florence/Marinette County UW-Extension, and Natural Resource Conservation Service.

Tentative Agenda:

- 10 a.m. Registration, coffee and snacks, discussion
- 10:15 a.m. The legal status of Nutrient and Soil Management in Wisconsin, who/what/when/ etc...
- 10:45 a.m. Soil Health – why should we care?
- 11:30 a.m. Managing Soil Erosion: Techniques and Incentives
- Noon Lunch (provided)
- 12:45 p.m. What is Proper Nutrient Management for crops & soils in our area? How do we make it pay?
- 1:30 p.m. Discussion: Where you can get help, assistance, or professional services for these activities.

Free to attend, but pre-registration requested by contacting Kathy Bednarski at 715-528-4480 or e-mailing to scott.reuss@ces.uwex.edu so that we have accurate meal and materials amounts.

University of Wisconsin-Extension

Making Manure into More

Anaerobic Digesters/Biogas Systems Tour

Thursday, December 1, 2016

Provided
cooperatively by:



UNIVERSITY OF
WISCONSIN
OSHKOSH

For more information:

**UW-Extension
Manitowoc County**

Scott Gunderson
Agriculture Agent
920.683.4175

scott.gunderson@uwex.edu

**UW-Oshkosh
Biogas Systems**

Brian Langolf
Director
920.424.1010

langolfb@uwosh.edu

As part of the University of Wisconsin-Oshkosh's mission to become a more sustainable institution, UW-Oshkosh and partners have constructed the nation's first commercial-scale dry fermentation anaerobic biogas system on campus, and two biogas systems at dairy farms.



Take the opportunity to join other dairy industry members for a behind-the-scenes tour of three very different biogas systems in Eastern Wisconsin:

- ♦ **Urban Anaerobic Dry Biogas System:** An anaerobic digestion system which uses input material with moisture content less than 75%.
- ♦ **Large Wet Anaerobic Biogas System:** An anaerobic digestion system which utilizes manure from Wisconsin's largest dairy farm to generate renewable biogas.
- ♦ **Small Wet Anaerobic Biogas System:** The first small-scale biogas system in Wisconsin involving wet digestion and a 64 kW engine using plug flow system technology on a 250-cow dairy farm.

Additional information and registration on back ➔

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The **Making Manure into More Anaerobic Digesters/Biogas Systems Tour** will showcase three different types of biogas (urban dry anaerobic, large wet anaerobic, and small wet anaerobic) systems in Eastern Wisconsin. The tour is open to all farmers, industry professionals, and others who share an interest in learning more about anaerobic digestion and biogas systems.

Due to the nature of the tour, **all participants must ride on the charter bus**. No individual vehicles will be allowed at the tour stops. The full-day tour will leave and return on a chartered bus from two locations:

Location 1: 8:15 am pick-up, 5:15 pm return
UW-Extension Outagamie County
3365 W. Brewster Street, Appleton, WI

Location 2: 9:00 am pick-up, 4:30 pm return
UW-Oshkosh Campus Services Center
650 Witzel Avenue, Oshkosh, WI

Along with touring the systems, attendees will learn about biogas systems and have the opportunity to connect with project collaborators, other farmers, and industry professionals.

Tour registration is based on a first come-first served basis.

The tour is subject to cancellation due to insufficient registration. Full refund will be made in the event the tour is cancelled.

2016 Making Manure Into More Anaerobic Digestion/Biogas Systems Tour Early Bird Registration Due November 7th

Name(s): _____

Farm/Company: _____ Telephone: _____

Address: _____ City/State/ZIP: _____

Email address (for a direct mailing in future years): _____

Registration:

Early bird registration **by November 7th** (includes tour transportation & lunch)
\$40 per person x _____ individuals = \$_____

Late registration after November 7th (includes tour transportation & lunch)
\$55 per person x _____ individuals = \$_____

Mail registration form & payment (payable to Brown County Treasurer) to:

UW-Extension Brown County
attn.: Biogas Systems Tour
1150 Bellevue Street
Green Bay, WI 54302

Or to use a credit card,
please contact UW-Extension Brown County
Program Assistant
Kathy DeChamps at 920.391.4653.

2016 SOIL, WATER AND NUTRIENT MANAGEMENT MEETING

The Department of Soil Science, in conjunction with University of Wisconsin-Cooperative Extension, will conduct a Soil, Water, and Nutrient Management Meeting at The Main Event, 206 N Lemke St, Cecil, WI on December 7th, 2016. The meeting will begin at 10 am and end at 3 pm. The \$45 registration fee includes lunch from 12 noon to 1 pm and informational materials. A total of 4 CEUs will be provided (2 CEUs in Soil & Water Management and 2 CEUs in Nutrient Management). Payment must be received by November 30th, 2016 to Shawano County UW-Extension Office.

2016 Discussion Topics

- (1) What's new in nitrogen management for corn and soybeans; (2) Recurring soil fertility questions filling my inbox; (3) Update on plant tissue analysis research (Carrie Laboski)
- Proper plant tissue sampling and result interpretation (Robert Florence)
- (1) Reviewing the benefits of soil biological additives; (2) Behold the power of legumes (as a nitrogen source) (Matt Ruark)
- (1) Taking care of soil compaction issues during and after a wet fall; (2) Managing Wisconsin's soils for improved soil health (Francisco Arriaga)
- Nutrient management update: Rule revision, plan reviews and new 590 (Wis. DATCP Staff)

This event will be held at The Main Event, 206 North Lemke Street, Cecil, WI. Please send in your meeting reservation (use clip sheet below) with payment of \$45 per person by November 30th to Shawano County University Extension, Room 101 Courthouse, 311 North Main Street. Please plan to arrive by 9:30 am for registration. The meeting will start promptly at 10 am. Lunch will be a chicken buffet with all the trimmings (potatoes, dressing, vegetable, dinner rolls, coffee, milk or water). For more information contact Jamie Patton, Shawano County UW-Extension at 715-526-6136 or jamie.patton@ces.uwex.edu.

REGISTRATION FORM

2015 SOIL, WATER AND NUTRIENT MANAGEMENT UPDATE MEETING The Main Event, 206 N Lemke Street, Cecil - December 7TH

PREPAYMENT IS REQUIRED BY November 30th, 2016

Name(s) _____

Business Address _____

Phone _____ Email _____

Number attending _____ @ \$45.00 each = \$ _____

Make checks payable to "Shawano County UW-Extension" and send to Shawano County UWEX, Room 101 Courthouse, 311 North Main Street, Shawano, WI 54166

News n' Notes

NASS to collect Production Data

(subtitled: Yes, I know you hate surveys, but....)

From Nov. 20 – Dec. 30, 2016, the U.S. Department of Agriculture's National Agricultural Statistics Service (NASS) Wisconsin Field Office will conduct two major end of year surveys, The Row Crops Agricultural Production Survey and the December Agricultural Survey, to determine harvested acreages and production for major crops in Wisconsin.

Why should you care? Because it does matter! NASS data is used in many ways that result in positives for individual county agriculture. Not answering these surveys causes problems - just ask Forest County producers, who received about half of the 2014 ARC payment they should have due to not enough producers returning this survey. Thus, the payment had to be calculated via insurance data, which caused an underpayment estimated at \$30/ac.

NASS gathers data for these surveys from farmers by either mail, phone or in person. Growers will be asked to provide crop harvested acreage and yield or production information for 2016. By responding to the survey, you will help ensure that the information published by NASS represents all areas of the State and is as accurate as possible.

NASS data is used by the Farm Service Agency (FSA) and the Risk Management Agency (RMA) to administer crop insurance and other farm programs. It is also used extensively by state, local, and national leaders to address agricultural related issues that do impact producers. Taking a few minutes to respond to a NASS survey helps ensure the accuracy and quality of this data.

Any information you provide is kept confidential and protected by federal law. NASS publishes only aggregate-level data, ensuring that no individual operation or producer can be identified. State level data for Wisconsin will be published mid-January 2017. County level data for the major crops will be released in mid-February 2017. All reports will be available on the internet at www.nass.usda.gov. If you have any questions about how to complete a survey from the NASS Wisconsin Field Office, please call 1-800-789-9277.

What can I put in the manure pit?

There have been some changes to the Administrative Codes regulating dairy farms. As of September 1st, ATCP 65 took effect which replaced ATCP 60 Dairy Farms and ATCP 80 Dairy Plants. With that change, a number of regulations were changed to bring Wisconsin's Administrative Code more in line with the Pasteurized Milk Ordinance. Under the new rules, ATCP 65.22(6)(c) does not allow the mixing of human septage and animal waste on any dairy farm regardless of whether they are Grade A or Grade B.

The previous rules allowed Grade B dairy farms to mix the wastes. Older NRCS and WI DNR policies also allowed up to 25,000 gallons of non-manure wastewater to be added to manure storage to aid agitation and pumping, but any storages built using the newer (2012 or after) USDA NRCS 313 standard, and in most counties whose ordinances reference the newer standards, are not allowed to add non-dairy wastes to the storage.

Grey waters (sinks, milking parlor washdowns, etc) are still allowed under ATCP, NRCS and DNR rules. The only clarification under the current state code is that they cannot be added to the gutter in the milking barn or parlor. They must be pumped/piped directly to the manure storage structure.

The specific rule is as follows:

ATCP 65.22(6)

- (a) Every dairy farm shall have one or more sanitary toilets that are conveniently accessible by persons engaged in milking operations. A conveniently accessible toilet may include a toilet in a farm residence or other farm building.
- (b) Toilets, under par. (a), shall comply with ch. SPS 362. Toilets shall be kept in clean and sanitary condition.
- (c) There shall be no mixing or storage of human waste or septage with animal manure on a dairy farm.

Just so you know!

GMO's: Boon, Bane, or Both?

As producers, odds are fairly high that you have had someone talk to you about GMO's, or Genetically Modified Organisms. How has that discussion gone for you? What types of information can you relay to non-producers to help them understand why you use (or don't use) GMO's? This topic is one that is in the news constantly, and now we are seeing it in most of the dairy market news entities, with the relatively recent Dannon's decision to not utilize milk from cows fed GMO crops.

Members of the Mid & Early Career Dairy Producer & Agribusiness Professionals group that has been meeting this year have requested that this topic be the focus of discussion at an event, and this month's get-together is going to meet that request. In addition, Marinette County UW-Extension and the Marinette Library system are hosting a discussion event. All producers are welcome to attend either (or both) of these events to take part in the discussion, to learn more about the scope of GMO use in agriculture, or maybe just to sit back and listen to what others have to say about this relatively controversial issue. For more information about either of these events, contact Scott Reuss at 715-732-7510 or e-mail to scott.reuss@ces.uwex.edu

Mid & Early Career Dairy Producer & Professionals

GMO's: Their realities, How to talk with Non-producers, What do they mean to agriculture in Marinette, Oconto, and Shawano Counties?

Wednesday, November 9th @ Oconto Falls Public Library (251 N Main)

6:30 p.m. Social Time and Discussion (Light Supper Provided)

7:15 p.m. approx. GMO Discussion

Pre-registration appreciated (but not required) by calling 920-834-6845.



GMO's: Facts, Myths, and Realities

Marinette Library (1700 Hall Avenue, Marinette)

Thursday, November 10th, 6 p.m. start

This is part of the 'Civility Speaks' discussion series. UW-Extension Agriculture Agent will present data regarding the realities of GMO usage in U.S. Agriculture and the current state of scientific understanding of GMO positives, negatives, and impacts. After the initial presentation, Q & A about GMO's will take place, moderated by Ellen Geisler, UW-Extension Community, Natural Resources, and Economic Development Agent.

Farmland Rental Options Workshops

This annual workshop is designed for both renters and landowners of agricultural land. It is a workshop that I recommend that you try to get owners of rented land to attend. The focus is on land rent realities and options that can make land rental situations better for both parties, and one of the things I emphasize is realities of crop production economics (I.e. we're not in Iowa, Dorothy).

There are two workshops scheduled that will cover essentially the same information, but with specific discussion according to the interests of those attending.

Tuesday, December 7, 6:30 to 8:15 p.m.

Pound Town Hall (East edge of Coleman on Cty. Hwy. B)

Thursday, December 8, 10 a.m. to Noon

Gillett Comm. Ctr. (200 E. Main St., Gillett)

Discussion will focus on the details that you should consider when negotiating a farm rental contract. Such details certainly include price, but other factors such as length of lease, any limitations on the property, and many other aspects can all be negotiated into the contract. Many different leasing options are available and Reuss will detail some of the advantages and disadvantages of different annual or multi-year leasing contracts.

Contract templates of multiple types will be available as handouts, ranging from extremely simple to more complex arrangements. The discussion will focus on basic cropland rental situations, but can expand to building leases, grazing land, and other situations which attendees are interested in discussing.

There is no fee for attending this 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 at scott.reuss@ces.uwex.edu or contact Sarah Mills-Lloyd in the Oconto office at 920-834-6845. Another good source of farmland leasing information is found at <http://www.aglease101.org/>

Dairy Margin Protection Program Making it work for your farm in 2017

Tuesday, December 13th @ 10:15 a.m.

Held in the UW-Ext. Conference room, third floor, Marinette Cty. Courthouse

Program: + Understanding the Dairy Margin Protection Program, brief overview
 + MPP as one part of your risk management protocol
 + 2017 economic projections and impacts on your farm's MPP decision

The MPP registration deadline for 2017 coverage is Dec. 16. Whether you were enrolled in 2016 or are considering it first for 2017, this last chance workshop will give you the latest possible set of economic projection information you need to make an informed decision on your coverage levels for 2017.

The University of Wisconsin-Extension provides affirmative action and equal opportunity in education, programming and employment. If you need any accommodations to assist in your participation of this program, please contact Scott or Gina at 715,732-7510 at least 24 hours prior to the event. All requests will be kept confidential.