



Shawano County UWEX
311 North Main Street
Shawano, WI 54166
(715) 526-6136

Website:
<http://shawano.uwex.edu>

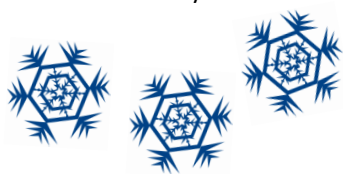
Like us on Facebook at:
uwex.shawano.ag

Hours:
Monday - Friday
8:00 am - 4:30 pm

Ag Agent:
Jamie Patton
jamie.patton@ces.uwex.edu

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Estate Planning
CAFO Update Meeting
Grain Crops Clinic
Midwest Manure Summit
Cattle Feeders Seminar
Manure Gas Safety



An AA/EEO employer, University of Wisconsin-Extension provides equal opportunities in employment and programming, including Title VI, Title IX and ADA requirements

Shawano Ag Newsletter

University of Wisconsin Cooperative Extension

December 2016 / January 2017

Happy Holidays!

As this year comes to a close, remember you need to be in full compliance with the Veterinary Feed Directive (VFD) by January 1, 2017. More information on the VFD can be found at: <http://fyi.uwex.edu/dairy/files/2016/10/Veterinary-Feed-Directive.pdf>

We have several excellent programs coming up in 2017. You will find fliers on Cow College, CAFO meetings, Tile Drainage Design and Water Management and others included. You can always find the most up-to-date listing of programs on the county website at: <http://shawano.uwex.edu>. If you're on Facebook, be sure to like the Shawano County UW-Extension Agriculture page at <http://www.facebook.com/uwex.shawano.ag/>.

I hope you had a wonderful 2016 and I look forward to working with you in the new year.

Stay warm!

Jamie.



Save the Date!

Shawano County Forage Council Annual Meeting
February 16, 2017 ~ The Main Event, Cecil



Low-Lignin Alfalfa Harvest Intervals and Quality
Soil Health, Nutrient Cycling and Manure Applications
Seed Auction ...and more!

More information in the next newsletter!



Check out the UW-Milk Quality website for information, podcasts, videos, webinars and more on udder health and milking management!

<http://milkquality.wisc.edu/>

13th Annual Fundraiser to benefit **R**ural Health Initiative

WINE & Cheese TASTING

FEB 10 2017 | 7:00 PM

The Main Event
7 PM-10 PM

206 N. Lemke Street, Cecil, Wisconsin

\$30 PER PERSON
in advance or \$35 at door (until capacity is met).

36 KINDS OF WINE
FEATURING 4 BREWS (BEER)
FROM PIGEON RIVER BREWING
25 TYPES OF CHEESES AND SAMPLES
FROM DAIRY PROMOTIONS,
NUESKE'S MEATS AND FIVE STAR LAMB
MUSIC, GREAT PRIZES, RAFFLES & GAMES

The Rural Health Initiative is a non-profit program designed to address growing concerns regarding health and safety issues facing today's farm families. At the center of this program is a professionally-trained staff member who makes "house calls" to interested farm families providing "Kitchen Wellness."

SPONSORED BY

GREEN VALLEY DAIRY • UNITED COOPERATIVE • CHARLIE'S COUNTY MARKET
ARDEX ALL AMERICAN MINERALS • SHAWANO AREA DAIRY PROMOTIONS

Please **PRE-ORDER TICKETS** for you or your business.

CALL: Rhonda Strebel at 715.524.1488

EMAIL: Rhonda@rhiwi.org

ONLINE: www.wiruralhealth.org

IN PERSON: Premier Community Bank - Shawano

SEND FORM: RURAL HEALTH INITIATIVE-SHAWANO

Attn: Rhonda Strebel
ThedaCare Physicians
100 County Road B, Shawano, WI 54166

Name: _____

Phone: _____

Email: _____

Company Name/Address

Group Ticketing (6) _____
\$180. Buy 6 get 1 free (\$30 savings.)

of individual tickets _____
(\$30 per person)

Investing in a gas monitor – Which one should I buy?

Provided by UW Extension Farm Safety Specialist Cheryl Skjolaas

Recent incidents with loss of life – human and cattle –demonstrated known and unknown factors of manure gases. Especially, dangers and deadliness of hydrogen sulfide were proven. Given unknown factors of where gases will be released, concentration of the gases and how gas plume will disperse; the only means to know what's in the air that's sustaining life is to monitor for gases.

There are several types of air sampling instruments available. For ease of use and the conditions that you will be working in, a gas monitor (meter) would be a good investment. There are two main categories of gas monitors - single gas and multi-gas. Here are a few questions to get you started on determining what type of gas monitor would work into your safety programs.

Where will the gas monitor be used? Write down all the potential places you could use a gas monitor if you had one. Open air, non enclosed manure storage, transportation vehicles (truck or tractor operators—in the cab and when walking around equipment), confined space manure storage, cleaning out a tanker, manure handling system, repair work to trucks, tankers or machinery in a shop, grain or feed storage bins, upright or horizontal silos during high risk times of silo gasses

What atmospheric conditions (gases or dusts) are you concerned about in each of the situation that you identified in question 1.

Which of question 1 situations, require a confined space entry? Or is it a space that you need to test the atmosphere before entering. In these situations you want an internal or external pump, tubing and probe. It's probably more cost effective to invest in a gas monitor with an internal pump and accessories at time of purchase. If budget doesn't allow that accessory at initial purchase, see if an external pump and accessories are available for the monitor. Yes, you can drop a monitor down into a space on a rope, but it's difficult to read the display and reading will change as you draw the monitor up.

Will the person using the monitor be working alone? For example, agitation pump operator goes out to start agitation before rest of crew arrives or spends most of the work day in agitation zone. In this situation, a motion alarm would be a feature to consider.

Single gas monitors - These may also be referred to as personal monitors or disposable monitors. For open air, non-enclosed manure storage and transportation of manure, hydrogen sulfide (H₂S) is going to be the gas of concern. In these situations, a single gas H₂S monitor can be used. Most detect up to 100 ppm and then alarm that gas is over limit (OL) for the device. Remember 100 ppm is Immediately Dangerous to Life and Health (IDLH), you need to be getting out of that area right now or be on a supplied air respirator. Single gas monitors are considered "personal monitors" as they should be worn by the person in their breathable space. In other words, worn on a shirt collar and not on the back pants pocket. A disposable single gas monitor has a limited life battery and sensor – typically 2 years.

Multi-gas monitors – Let's start with a standard multi-gas monitor configuration. A standard multi-gas monitor has sensors for oxygen level (O₂), LEL % or flammable gas (in case of manure this is methane), carbon monoxide (CO) and hydrogen sulfide (H₂S). Since CO₂ will displace O₂, high CO₂ would factor into a low O₂ level. The alarm rates will be preset to industry standards for alarms- these are good alarm limits. You may get a feature that lets you set alarms but standard levels are okay.

Sensors for non-standard gases are referred to as "exotic sensors." In agriculture, examples are nitrogen dioxide (NO₂) with silo gas or ammonia (NH₃). The company that makes a monitor capable of measuring 5 or 6 gases is MSA and the model is Altair 5X. If you're needing a monitor for silo gas situations or ammonia levels in barns; this would be a monitor to consider.

How long will it take for the sensors to read a gas? If up to 2 minutes, that's a long time if the monitor is on you versus you're using a sampling probe and haven't entered the space.

If you have a situation that potential may have explosive dusts, such as grain bins or drying manure solids; discuss this factor. Is this monitor certified for dust environments or any cross-sensitivities to be concerned about.

Replacement costs of sensors vary so ask about these costs. What is the life expectancy of each of the sensors? Will warranty cover sensor replacement? You may find that a lower cost base model has higher cost when you get to maintenance costs.

What accessories are needed? As discussed in question 3, a sampling pump, tubing and probe is recommended for any confined spaces or entry situations. There are basic confined space kits available from safety supply companies packaged with accessories, test gas canisters, regulator and all packaged in a case ready to go.

Continued on next page...

Investing in a gas monitor – Which one should I buy?...Continued

Test gas canisters and regulators are used for calibrating the monitor. Basically, a known gas is passed over the sensors to check that monitor is working correctly. One option to explore is whether or not the safety supplier offers calibration services.

Datalogging features are beneficial if you need to review exposure levels or for worker safety plans. This feature is common on monitors. How you access data and system requirements are what differs.

Power source maybe batteries or a charging unit. Investigate how long a full charge is expected to last. This is a key consideration if you're going to be out for an 8-12 hour workday and depending on the monitor for the whole time.

Where to purchase? The best recommendations is to find a local safety supplier. Even better if they can provide service or technical support. If a sensor goes out and you need a replacement ASAP, what do they have in stock? You're having problems with a bump test or calibration test, can you stop in for assistance? Discuss warranties and how they are handled. Good service and technical support is very beneficial.




OSHA Record Keeping

<http://fyi.uwex.edu/dairy/osha-recordkeeping/>

The US Department of Labor Occupational Safety and Health Administration (OSHA) has made changes to its Injury and Illness Reporting and Recordkeeping requirements in the past two years. In the webinar [OSHA Recording Requirement Changes](https://www.youtube.com/watch?v=NWVzEUK8AU4&feature=youtu.be) (<https://www.youtube.com/watch?v=NWVzEUK8AU4&feature=youtu.be>), Mary Bauer, Eau Claire Area OSHA Compliance Assistance Specialist, and Cheryl Skjolaas, Agricultural Safety and Health Specialist, University of Wisconsin – Madison/Extension, share in the webinar the following topics:

- Am I required to report an injury or illness to OSHA? Understanding OSHA coverage related to Appropriations Act.
- What is a recordable injury or illness and what is first aid?
- Severe Accident and Fatality Reporting to OSHA (effective Jan., 1, 2015)
- Understanding OSHA Recordkeeping Requirements
- What are the different forms?
- Example farm injuries and illnesses and how you would record
- How long do I keep the files?
- New for 2017 Electronic Reporting
- Informing Employees of their Rights and Anti-retaliation Policy (effective, Nov. 1, 2016)
- Incentive Programs or Drug Testing – How they can deter employees from reporting injuries and illnesses and things to consider
- Entering the OSHA Log and incident information Electronically and Size of Business Requirements (starting Jan. 1, 2017)
- New Penalty Structure (effective, August 1, 2016)
- Review of Current Emphasis Programs including 2016-2017 Wisconsin Dairy LEP continuation
- Publications
- Resources
- Questions and Answers

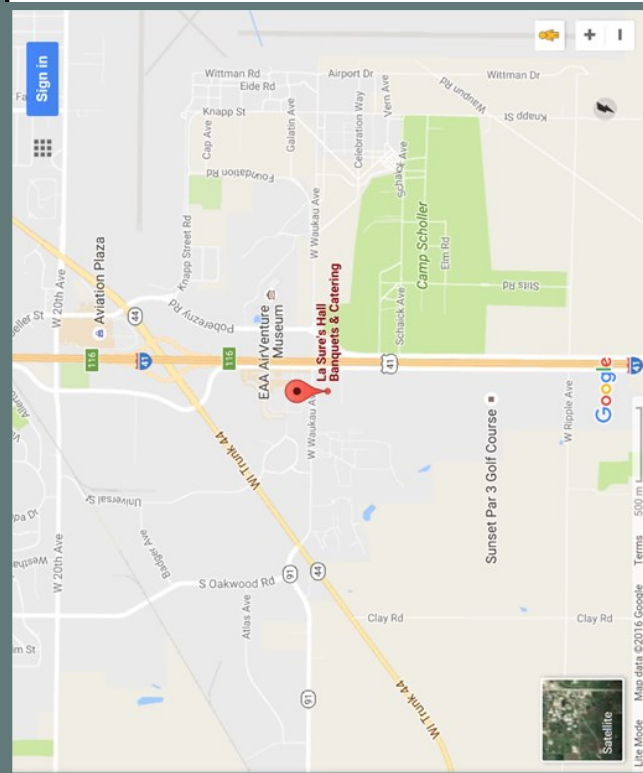
The OSHA Reporting and Recordkeeping Requirements are federal requirements for agricultural operations with more than 10 employees. For more information on agriculture safety, please visit [UW-Center for Agricultural Safety & Health](http://fyi.uwex.edu/agsafety/) (<http://fyi.uwex.edu/agsafety/>) or extension specialist Cheryl Skjolaas at skjolaas@wisc.edu.





REGISTRATION FORM

Office use: Date received: _____; Payment Enclosed: Check ☐ # _____; Cash ☐ No Payment ☐; Initials _____



Location

Workshop Location

La Sure's Hall Banquet
3125 S Washburn Street
Oshkosh, WI

Lodging

Hawthorn Inn & Suites
Phone: 920-303-1133
3105 S Washburn Street
Oshkosh, WI

2017 Tile Drainage Design & Water Management Workshop

For contractors and farmers installing tile

January 10-11, 2017
La Sure's Hall Banquet
3125 S Washburn Street
Oshkosh, WI



TUESDAY, JANUARY 10, 2017**AGENDA**

- 7:30 Check-in and Registration**
- 8:00 Introductions and Announcements**
Kevin Erb, University of Wisconsin-Extension
- 8:15 First Things First: Considerations Before You Begin a Tiling Project**
Brad Carlson, University of Minnesota Extension
- 8:45 Design Session 1: Soil Factors in Drainage Design**
Brad Carlson
- 9:15 Design Session 2: Introduction to Drainage Design**
Dr. Gary Sands, University of Minnesota Extension
- 10:30 Break and Exhibits**
- 11:00 Be Safe When You Tile**
Jim Walker, Barnett Bros
- Noon Lunch and Exhibits**
- 12:45 Drainage Law: What You Need to Know Before You Install**
Atty. Paul Kent, Stafford Rosenbaum LLP
- 1:15 Drainage Permits & Drainage Districts**
Chris Clayton, DATCP
- 2:00 Break and Exhibits**
- 2:20 Drainage Session 3: Comprehensive Drainage Design Project (hands-on)**
Dr. Gary Sands, Dr. John Panuska, University of Wisconsin Madison and Jason Forgette, Prinsco
- 3:50 Drainage Design Software Demonstration**
TBD
- 4:30 Break and Exhibits**
- 5:30 Evening Program: Tiler Experiences**

WEDNESDAY, JANUARY 11, 2017

- 7:30 Check-in and Exhibits**
- 7:55 Announcements**
Kevin Erb
- 8:00 Conservation Drainage Practices**
Brad Carlson
- 8:45 Design Session 4: Managed Drainage Design**
Dr. Gary Sands
- 10:00 Break and Exhibits**
- 10:15 Design Session 5: Team Design Project (Small teams design a field system)**
Dr. Gary Sands, Dr. John Panuska, and Jason Forgette
- Noon Lunch and Exhibits**
- 1:15 Design Session 5: Team Design Project Continues**
Dr. Gary Sands, Dr. John Panuska, and Jason Forgette
- 2:15 Lift Station Usage and Design**
Tom Scherer, North Dakota State University Extension and Dr. Gary Sands
- 3:15 Evaluation and Feedback**
Kevin Erb
- 3:30 Adjourn**

Registration and Information
Brown County UW-Extension
Joan Laehn
Email: Laehn_jm@co.brown.wi.us
Phone: 920.391.4610

Registration includes lunch and handouts.

University of Wisconsin, U.S. Department of Agriculture and Wisconsin counties cooperating. An EEO/AA employer, University of Wisconsin Extension provides equal opportunities in employment and programming, including Title IX and American with Disabilities (ADA) requirements. Contact Kevin Erb at 920-391-4652 for more information on this program.

Registration Form

Please make _____ reservation(s) for the **2017 Tile Drainage Design & Water Management Workshop**. Deadline: **December 22, 2016**.

☐ **Professional Installer** ☐ **Farmer**

Name(s): _____

Address: _____

City: _____

State: _____ Zip: _____

Cell Phone: _____

Email: _____

(Please provide email in case of extreme weather)

NO Refunds/NO WALK-INS (Please ✓ one)

☐ **\$225.00/person** postmarked before or on December 22 - early registrations; (if registered by early deadline, a \$25 per person discount for the second or additional people from the same firm, on same registration form, included on same payment will be accepted)

☐ **\$250.00/person** due after December 22 - late registrations

☐ **\$325.00/Vendors**—Includes food; one admission to session, no hand-outs

Make check payable to: **BCT-** (Brown County Treasurer). Send registration form and check to:

Brown County UW-Extension

Attn: Joan Laehn

1150 Bellevue Street

Green Bay, WI 54302

Email: Laehn_jm@co.brown.wi.us

Phone: 920.391.4610; **Fax:** 920.391.4617

If paying by credit card:



CARD NUMBER

EXP

SIGNATURE

SECURITY CODE

Tuesday, January 10, 2017 | 1:00-3:00 pm
Economics of Dry Cow Therapy & Achieving High Pregnancy Rates in High Producing Cows

Fox Valley Technical College Regional Center, Clintonville

Dr. Pam Ruegg DVM

Extension Udder Health & Milk Quality Specialist, UW-Madison

Dr. Paul Fricke

Extension Dairy Reproduction Specialist, UW-Madison

Find out if your dry cow treatment program is saving or costing you money, then learn the latest ideas for increasing your dairy farm profitability by increasing pregnancy rates in high producing cows.

Tuesday, January 17, 2017 | 1:00-3:00 pm
Effectively Managing Digital Dermatitis & Other Hoof Health Issues in the Dairy Herd

Fox Valley Technical College Regional Center, Clintonville

Dr. Dorte Dopfer DVM / PhD

UW-Madison School of Veterinary Medicine

Dr. Dopfer is a leading authority on dairy cattle hoof health, especially the diagnosis and treatment of "hairy heel warts" (digital dermatitis). Learn how your herd can be more profitable through better hoof health. On-farm survey results from local farms will also be shared, as well as a new Extension fact sheets with footbath, housing design and management considerations.

Tuesday, January 24, 2017 Farm Tour Robotic Milking Systems

- 10:00 am** **Wichman Farms LLC | N4735 Cty EE, Appleton** *(participants will meet at first farm)*
4 Lely robots, 240 cow sand freestall
- 11:00 am** **Steffens Farm LLC | N5220 Mullen Rd, Seymour**
2 Lely robots, 100 cow expandable sand freestall
- 12:15 pm** **Lunch at Center Town Hall | N3990 HWY 47, six miles north of Appleton**
Larry Tranel, Iowa State Extension Dairy Specialist, will discuss use of robotic milking systems in northeast Iowa, including financial challenges and opportunities.
- 2:00 PM** **Stoney Springs Farm LLC | W5678 Cty JJ, Appleton**
2 Boumatic double-arm robots, 220 cow mattress freestall



Thank You Program Sponsors

Abts Lely Center, Clintonville Regional Center, Fox Valley Technical College, Greenstone FCS, LDS Dairy Equipment, Premier Community Bank, UW-Extension

Register for the sessions you plan to attend

Cost is \$5.00 per session/per person or \$10.00 total for all three sessions per person.

☐ January 10 ☐ January 17 ☐ January 24

Name(s)		
Email		
Address		
City	State	Zip
Phone	Amount Enclosed \$	

Deadline to Register: Friday, January 6, 2017

To register call or return this form with check payable to UW-Extension to any office.

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

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

Outagamie County UWEX
Zen Miller
3365 W Brewster St
Appleton, WI 54914
920-832-5119

Register Online!

<https://goo.gl/bhwWrT>

Online processing fee applies.

Private Pesticide Applicator Training—Shawano County

You have two options to become certified or recertified as a private pesticide applicator. The first option is to attend one of the private pesticide applicator training programs conducted by UW-Extension and then satisfactorily complete the evaluation at the end of the session. The minimum score to pass the examination for those attending the training session is 50 percent.

The second option is to study the materials on your own and arrange to take the test at the Shawano County Courthouse on the dates listed below. Those choosing the test only option must score 70 percent on the evaluation to pass.

Two training sessions will be held in Shawano County in 2016, both in room A/B of the Shawano County Courthouse:

Wednesday, January 25th and Wednesday, February 1st

Training sessions will begin at 10 am and end approximately at 3 pm. You will have a 45 minute break for lunch; lunch is on your own. You only need to attend one of the two sessions.

You will need to bring a calculator and your training manual to the session/exam. Additionally, the State of Wisconsin requires any person taking a certification exam to provide positive identification and their Social Security number. Acceptable forms of positive ID include a: driver's license, state-issued identification card and/or birth certificate.

**You, or someone for you, must register in person for the training session at the Shawano Extension Office.
The registration fee is \$30.**

Estate Planning for Your Family and Farm – Live webinar January 26

Madison, Wis. – A webinar entitled “Estate Planning for Your Family and Farm” will be held Thursday, January 26, 2017, at various University of Wisconsin-Extension offices across Wisconsin. This webinar is the fifth in a series of webinars from UW-Extension that will focus on a variety of farm succession topics. This two-hour webinar begins at 1:00 pm.

This webinar is for both the owner and successor generations to learn about estate planning tools and how to develop a plan with the help of estate planning professionals. If a business succession is involved, it is important to ensure the business assets are available in some way for the incoming business successor. Bridget Finke, an attorney with Valley Crossing Law in Baldwin, WI, will lead the webinar and topics include:

- Lifetime planning: powers of attorney for health care and finances, living wills and advanced directives;
- Choosing the estate planning vehicle that is right for your family: wills, trusts, transfer on death designations and other estate planning tools to consider;
- Tax consequences of death: estate taxes and stepped-up basis; and
- How to get started with estate planning.

The following UW-Extension offices are hosting this webinar. Please contact the local office for more information and location of the webinar nearest you.

- Green Bay, contact UW-Extension Brown County - 920-391-4610
- Shawano, contact UW-Extension Shawano County – 715-526-6136
- Waupaca, contact UW-Extension Waupaca County - 715-258-6231
- Wausau, contact UW-Extension Marathon County - 715-261-1230

The webinar series continues into early spring of 2017. Future dates and topics are:

- Feb. 23, 2017 – **Long Term Care: Planning for My Future Needs** – Steve Shapiro, Medigap Insurance Specialist, State of Wisconsin Board on Aging and Long Term Care and the Wisconsin Office of the Commissioner of Insurance (1:00 – 3:00 pm)
- March 23, 2017 – **Medicaid Eligibility and Recovery** – Anthony Schmoldt, Attorney, Schmoldt Law Office (1:00-3:00 p.m.)

Pesticide Applicator Training with Simultaneous Spanish Translation

Entrenamiento de Aplicador de Pesticida – Español

**January 31st, UW Fond du Lac,
400 University Drive
Fond du Lac, WI 54935-2998
Room AE-205/206**

Cost \$30

Registration is required.

Order at the PAT Store (<https://patstore.wisc.edu/secure/default.asp>)

A pesticide applicator training designed specifically for Spanish-speaking individuals will be held on January 31 at UW Fond du Lac in Fond du Lac County. The training will be presented in English and simultaneously interpreted into Spanish by a team of professional language interpreters. The day will also include Worker Protection Standard training for workers and show the EPA approved training video in Spanish. Participants will have the option of taking the private applicator certification test following the training. Please note: The training is offered in both English and Spanish, but the test is only offered in English.

To register please go to the University of Wisconsin PAT Program Store and select General Farming 100/101 under the heading Private Applicator Training.

Un entrenamiento de aplicador de pesticidas, diseñado específicamente para personas de habla hispana se llevará a cabo el 31 de enero en la UW Fond du Lac en el Condado de Fond du Lac. El entrenamiento se presentará en Inglés y simultáneamente interpretado al español por un equipo de intérpretes de lengua de profesionales. El día también incluirá entrenamiento sobre el Estándar de Protección del Trabajador para los trabajadores y se mostrará el video de entrenamiento aprobado por la EPA en español. Los participantes tendrán la opción de tomar el examen de certificación de aplicador privado después del entrenamiento. Tenga en cuenta: El entrenamiento se ofrece en Inglés y Español, pero el examen sólo se ofrece en Inglés.

Para registrarse por favor vaya a la tienda del Programa PAT de la Universidad de Wisconsin Programa PAT y seleccione "General Farming" 100/101 bajo el título "Private Applicator Training".

Partners:

UW - Pesticide Applicator Training (PAT) Program, UW Cooperative Extension Service
Loretta Ortiz-Ribbing, Crops & Soils Agent, Fond du Lac County Extension
Annie Deutsch, Agricultural Agent, Door County Extension
Dominic Ledesma, Language Access Coordinator, UW Cooperative Extension
Translation Services by: Motiva Training & Consulting



University of Wisconsin-Extension, Cooperative Extension, in cooperation with the U.S. Department of Agriculture and Wisconsin counties, publishes this information to further the purpose of the May 8 and June 30, 1914, Acts of Congress. An EEO/AA employer, the University of Wisconsin-Extension, Cooperative Extension provides equal opportunities in employment and programming, including Title IX and ADA requirements.

Grain Crops Production Clinic

February 9, 2017 ~ 10 am to 3 pm

Pulaski and Neenah

Soybean inputs that deliver the highest ROI in a low margin year

~ Dr. Shawn Conley, UW-Extension Soybean Specialist

How to survive and thrive on current corn price projections

~ Dr. Joe Lauer, UW-Extension Corn Specialist

Fundamental soil fertility strategies for success

~ Dr. Carrie Laboski, UW-Extension Soil Fertility Specialist

Update of herbicide-resistant weeds in Wisconsin

~ Nathan Drewitz, UW Agronomy Graduate Student

Crop budgets for 2017

~ Kevin Jarek / Scott Reuss, UW-Extension Crop and Soil Agents

Scouting cover crops – What to look for (webinar)

~ Dr. Anne Verhallen, University of Guelf Soil Mgmt Specialist

~ Dave Brandt, Farmer

CLINIC OFFERED IN TWO LOCATIONS

Premier Community Bank ~ 745 US Hwy 32, Pulaski

Miron Construction ~ 1471 McMahon Drive, Neenah



**\$25 per person registration fee
(includes lunch and materials)**

CCA Credits Applied For

UW-Extension provides equal opportunities in employment & programming, including Title IX requirements.

Registration requested with the Shawano or Winnebago County UWEX Office by February 3rd

Shawano UWEX ~ 311 North Main Street, Room 101 ~ Shawano, WI 54929 (715)-526-6136

Winnebago UWEX ~ 625 E. County Road Y, Suite 600 ~ Oshkosh, WI 54901 (920) 232- 1970

Name(s) _____ Email _____

Address _____ Phone _____

_____ # Attendees x \$25 per person (check payable to UWEX) = _____

Clinic Location (check one): _____ Pulaski _____ Neenah

- \$35 *in Advance*
- \$45 after registration deadline and walk-ins (at the door)
- Meal included
- Make check payable to: **BCT** (Brown County Treasurer) or cash only
- NO Credit/Debit Cards

For Registration Information:
Email: Laehn_jm@co.brown.wi.us
Fax: 920-391-4617
 Brown County UW-Extension,
 Attn: Joan,
 1150 Bellevue Street,
 Green Bay, WI 54302

Office use: Date received: _____; Payment Enclosed: Check ☐ # _____ Cash ☐ No Payment ☐; Initials _____



Brown County UW-Extension
1150 Bellevue Street
Green Bay, WI 54302

University of Wisconsin, U.S. Department of Agriculture and Wisconsin counties cooperating. An EEO/AA employer, University of Wisconsin Extension provides equal opportunities in employment and programming, including Title IX and American with Disabilities (ADA) requirements. Contact Kevin Erb at 920-391-4652 for more information on this program.

2017 Annual CAFO Update



January 31, 2017

Green Bay

8:00 am - 11:45 am

Tundra Lodge Conference Center
865 Lombardi Avenue

New London

12:00 pm - 4:00 pm

Crystal Falls Banquet
1500 Handschke Dr.

Registration deadline January 23, 2017

February 1, 2017

Manitowoc

8:00 am - 11:45 am

Silver Valley Banquet
1222 S. Alverno Road

Fond du Lac

12:00 pm - 4:00 pm

UW Fond du Lac
400 University Dr.

Registration deadline January 23, 2017

An update meeting for WPEDES permitted CAFO owners & managers, nutrient management plan writers, and engineers.

Registration begins 45 Minutes before start time

Buffet meal begins 25 minutes before start time

AGENDA

– Welcome & Introductions

Kevin Erb, UW-Extension

– Building a Positive Work Culture

Liz Binversie/Darrell McCauley/UW-Extension staff:

– Production Site: How to stay in compliance with your permit

DNR Regional Specialist

– Runoff control/collection from feed storage areas and animal lots

DNR Engineer

—Monitoring, Reporting & Compliance:

DNR Regional Specialist

– Nutrient Management: Issues Observed

Joe Baeten, DNR

– Nutrient Management: Surface applications, CAFOs, and cover crops

Joe Baeten, DNR

– DNR Panel Q&A

DNR staff

- **\$35 in Advance**
- **\$45 after registration deadline and walk-ins (at the door)**
- **Meal included**
- **NO Credit/Debit Cards**
- **Make check payable to: BCT (Brown County Treasurer) or cash only**

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To register please use one of the following:

Mail: Brown County UW-Extension, Attn: Joan, 1150 Bellevue Street, Green Bay, WI 54302

Fax: 920-391-4617 or **Email:** Laeahn_im@co.brown.wi.us

Name(s) of Attendee(s) _____

Firm/Farm Name _____

Address _____

Phone _____ Email _____

Check location attending: January 31, 2017 - ☐ Green Bay ☐ New London

February 1, 2017 - ☐ Manitowoc ☐ Fond du Lac

Before January 23rd: Number of people _____ x \$35.00 = \$ _____

After January 23rd: Number of people _____ x \$45.00 = \$ _____

Topic(s) you would like covered in this meeting - please write in: _____

LOCATION

Radisson Hotel & Conference Center
2040 Airport Drive
Green Bay, WI 54313

A block of room has been reserved. Single rate is \$82. Double rate is \$92. Reserve by January 30, 2017 and mention the Midwest Manure Summit to get these rates. Call 1-800-333-3333 to book your room.

REGISTRATION

Conference early-bird registration is \$225. Registration fees increase to \$300 after February 6th and to \$350 on the day of the event. Registration includes Wednesday lunch, Thursday breakfast and lunch, daily refreshments, and conference proceedings. CEUs have been applied for.

Please register online at www.midwestmanure.org or by mailing/faxing the enclosed registration form and payment.

For more information...

www.midwestmanure.org

- OR -

Liz Binversie

Brown County Agriculture Educator
(920) 391-4612
elizabeth.binversie@uwex.edu

Stephanie Plaster

Ozaukee & Washington Agriculture Educator
(262) 335-4477
stephanie.plaster@uwex.edu

Pre-Conference Trainings Tuesday, February 21

For complete agendas, visit www.midwestmanure.org

CHOOSE 1: TRACK A (Digesters) or TRACK B (Safety)

A. WI Anaerobic Digester Program (9:00 am—5:00 pm)

- Updates on National & WI Agricultural Biogas Outlook
- UW-Oshkosh Perspective (operating 3 digesters)
- Innovative solutions and current issues
- CHP Maintenance
- Upgrading to CNG
- Limiting H₂S production & post-production removal
- Digestate Standard
- Safety Equipment Showcase

B. Developing Safety Plans for Manure Storage and Handling (MSH) Systems (10:00 am—3:30 pm)

- From barn to transport engineering designs and safety controls
- Identifying confined spaces and written plan requirements
- Assessing hazards in a MSH system
- Basics of manure gases and gas monitors
- Safety plans for respiratory, fall protection, chemical safety, and rescue including training requirements

5:30 pm Dinner & Social (Optional)

2017 Midwest Manure Summit

February 22 – 23, 2017



Radisson Hotel &
Conference Center
Green Bay, Wisconsin

www.midwestmanure.org



2017 Midwest Manure Summit— Registration

Business / Farm Name _____
 Name _____
 Address _____
 City _____ State _____
 Zip _____ Phone _____
 Email _____

Payment Options

Check—Payable to UW-Madison

Credit Card—circle one: Visa Mastercard

Card # _____

Expiration Date _____ 3-digit Code _____

Name on Card _____

Signature _____

	Cost per Person	#	Total
Pre-Summit February 21	\$150 (\$200 after 2/6)	X	=
Circle 1: Track A (Anaerobic Digesters)			
Optional Dinner February 21	\$30*	x	=
Summit February 22 & 23	\$225** (\$300 after 2/6)	x	=

TOTAL ENCLOSED _____

Early registration ends February 6th!

* Summit attendees are welcome to the February 21 dinner.

**Walk-in registration is \$350.

Mail or Fax Registration Form and Payment to:

UW-Madison CALS Conference Services
 640 Babcock Drive
 Madison, WI 53706
 Fax Number: (608) 262-5088

Questions?? Call CALS at (608) 263-1672

You can also REGISTER ONLINE at:
www.midwestmanure.org

Summit Agenda

WEDNESDAY, FEBRUARY 22

- 9:00 am Registration and Refreshments
- 10:00 am Welcome and Introductions
- 10:15 am Manure Processing Technologies
- Dr. Troy Runge, UW-Madison
- 11:00 am UW-Oshkosh Digesters - Keys to Success
- Brian Langolf, UW-Oshkosh
- 11:45 am How Dairy Cattle Feed Efficiency Impacts Manure Nutrients
- Dr. Randy Shaver, UW-Madison
- 12:15 pm Lunch
- 1:15 pm Considerations for the Use of Manure Irrigation Practices
- Dr. Becky Larson, UW-Madison
- 2:00 pm Assessment of Human Health Risk Due to Airborne Pathogens During Spray Irrigation of Dairy Manure
- Dr. Tucker Burch, USDA-ARS
- 2:45 pm Break
- 3:15 pm Manure Irrigation in Wisconsin and Human Health Concerns
- Dr. Mark Borchardt, USDA-ARS
- 4:00 pm Competing Priorities. Antibiotic Use in Animal Agriculture in a Time of Increasing Antibiotic Resistance
- Dr. Katharine Knowlton, Virginia Tech
- 5:00-7:00 pm Social hour & Cash bar

THURSDAY, FEBRUARY 23

- 8:00 am Breakfast and Networking
- 9:00 am Manure Economics and Application Decisions - Where are We Headed?
- Dr. Daniel Anderson, Iowa State
- 9:45 am Hydrogen Sulfide: Connecting the Dots From Cattle to Manure to People
- Liz Binversie, UW-Extension
- 10:15 am Break
- 10:45 am Knock Me Over! Manure Gas and Safe Practices with Gypsum Bedded Dairies
- Dr. Eileen Fabian, Penn State
- 11:30 am Proactively Preventing Manure Spills: Common Causes and Recent Trends
- Kevin Erb, UW-Extension
- 12:15 pm Lunch
- 1:15 pm Manure Safety - 2016 Learning Lessons
- Cheryl Skjolaas, UW-Madison
- 2:00 pm Manure Safety Panel Discussion
- Mary Bauer, OSHA
- Matt Komro, Komro Sales & Services Inc.
- Cheryl Skjolaas, UW-Madison
- 3:00 pm Adjourn



*Cattle Feeders
Update 2017*

Tuesday, February 21

**Equity Livestock Sale Barn
Hwy 45 Marion, WI**

***No cost to attend, but advance registration is required.
Call either Waupaca County UW-Extension (715-258-6231) or the
Equity Sale Barn in Marion (715-754-5227) to reserve your seat.***

WHO SHOULD ATTEND:

- ♦ **Beef Cattle Feeders**
- ♦ **Dairy Steer Feeders**
- ♦ **Beef Industry Professionals**

Free Lunch sponsored by Equity Livestock (12 noon)

1:00 PM What Are Cattle Buyers Looking For?

Local Order Buyer for Processing Plants

1:30 PM Feeding & Nutrition Weaning to Finish

Dr. Dan Schaefer, Department of Animal Science, UW-Madison

2:15 PM Market Outlook / Price Discovery Factors

Dr. Brenda Boetel, Extension Livestock Marketing Specialist

The annual UW-Extension Cattle Feeder Update program is an educational outreach effort to all beef and dairy beef producers, beef industry professionals and agriculture educators. Reference to a product, trademark, or place of business does not constitute an endorsement by UW-Extension nor implies approval to the exclusion of similar products or businesses. UW-Extension provides equal opportunities in employment and programming, including Title IX and ADA. To ensure equal access, please make requests for reasonable accommodations as soon as possible prior to the event.

Calendar of Local Upcoming Events

Date	Workshop	Location	Cost	Registration Requirement
January 5	Agronomy Update	Kimberly or Wausau	Check with Location	Outagamie or Marathon UWEX
January 10	Cow College	FVTC Clintonville	\$5 per mtg \$10 for 3	Shawano UWEX
January 10 & 11	Tile Drainage Design and Water Management	La Sure's Hall Banquet Oshkosh	\$225 early \$250 late	Brown UWEX
January 17	Cow College	FVTC Clintonville	\$5 per mtg \$10 for 3	Shawano UWEX
January 18	Walking Strong—Hoof Health	Kewaunee County Fairgrounds	TBD	Kewaunee UWEX
January 25	Pesticide Applicator Training	Shawano County Courthouse	\$30	Shawano UWEX
January 26	Estate Planning Webinar	Shawano County Courthouse	\$0	Shawano UWEX
January 31	CAFO Updates	Green Bay New London	\$35	Brown UWEX
January 31	Pesticide Applicator Training	UW– Fond du Lac	\$30	Fond du Lac UWEX
February 2	Fox Watershed Farmer Roundtable	Liberty Hall Kimberly	\$0	meysersm@uwgb.edu
February 9	Grain Crops Clinic	Premier Bank Pulaski	\$25	Shawano UWEX
February 10	Rural Health Initiative Wine and Cheese Tasting Fundraiser	The Main Event Cecil	\$30	Various Locations
February 16	Shawano County Forage Council Annual Meeting	The Main Event Cecil	\$15	Shawano UWEX
February 21	Cattle Feeders Clinic	Equity Marion	\$0	Waupaca UWEX
February 21	Midwest Manure Summit Pre-Summit Conferences	Radisson Green Bay	\$150 early \$200 late	Brown UWEX
February 22 & 23	Midwest Manure Summit	Radisson Green Bay	\$225 early \$300 late	Brown UWEX
February 23	Long-Term Care Webinar	TBD	\$0	Marinette UWEX
March 1	Pesticide Applicator Training	Shawano County Courthouse	\$30	Shawano UWEX
March 8	Raising Quality Dairy Heifers	Liberty Hall Kimberly	TBD	TBD
March 10-11	Wisconsin Ag Women's Summit	Madison Marriott West Middleton	TBD	Online
March 23	Medicare Recovery Webinar	Oconto County Courthouse	\$0	Oconto UWEX
March 28-30	WPS Farm Show	EAA Grounds Oshkosh		
April 7	Shawano County Agriculture Awards Banquet	The Main Event Cecil	TBD	TBD