Shawano Ag Newsletter

University of Wisconsin Cooperative Extension

July 2018

UW Extension Shawano County

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

Don't forget!!

Wisconsin Farm Technology Days

July 10 - 12

D&B Sternweis Farms
Weber's Farm Store /
Heiman Holsteins

9885 Co. Hwy. H
Marshfield, WI

http://
www.wifarmtechnologydays.com/wood/

Shawano County Ag Educator Position Posted— Applications due July 25th

Go to https://www.uwex.edu/about/careers/jobs for full position description and application procedures.

WORKING TITLE: Agriculture Extension Educator (100%)

HOW TO APPLY:
Applicants are required to apply online. UW-Extension will not consider paper, emailed or faxed applications. Online application, with all required documents, must be received by **July 25, 2018.**

Required application materials:

- A letter of application that addresses how your education and experience meet all of the required qualifications for the position;
- Professional resume that includes degree information;
- Transcripts; and
- Names and contact information (e-mail address, phone number, and mailing address) of at least three references.

For questions regarding this position, please contact Nancy Crevier, nancy.crevier@ces.uwex.edu.

For technical questions or assistance, please contact UW Service Center at (888) 298-4159. For all other questions please contact hrstaff@uwex.uwc.edu

June 25, 2018 Hay Market Report

https://fyi.uwex.edu/forage/h-m-r/

Upper Midwest Hay Price Summary by Quality Grade

Hay Grade	*Bale type*	*Price ($/ton)*		
		Average	Minimum	Maximum
Prime (> 151 RFV/RFQ)	Small Square	$245.00	$200.00	$320.00
	Large Square	$200.00	$160.00	$260.00
	Large Round	$210.00	$210.00	$210.00
Grade 1 (125 to 150 RFV/RFQ)	Small Square	$199.00	$140.00	$280.00
	Large Square	$163.00	$120.00	$240.00
	Large Round	$143.00	$105.00	$200.00
Grade 2 (103 to 124 RFV/RFQ)	Small Square	$130.00	$130.00	$130.00
	Large Square	$121.00	$80.00	$190.00
	Large Round	$121.00	$85.00	$140.00
Grade 3 (87 to 102 RFV/RFQ)	Small Square		No Reported Sales	
	Large Square		No Reported Sales	
	Large Round	$93.00	$55.00	$140.00

Dairy Situation and Outlook

June 19, 2018
Bob Cropp, Professor Emeritus
University of Wisconsin Cooperative Extension University of Wisconsin-Madison

USDA estimates May milk production 0.9% higher than a year ago. This is a little stronger growth then April which was up just 0.5%. Milk cow numbers were 2,000 higher than April, but just 3,000 higher than a year ago. The increase in milk per cow remains well below trend at just 0.7%. Nine of the 23 reporting states had lower milk production than a year ago and two had no change. Ten had fewer cows than a year ago and ten had lower milk per cow. Two states with the most added cows were Colorado with 16,000 and Texas with 12,000. California had the largest decline in cows with 18,000. States with the largest increase in milk production were Colorado at 11.6%, Kansas at 9.7%, Texas at 6.6% and Utah at 5.2%.

Milk production in some of other states was up 0.9% in Arizona, 0.5% in California, 0.6% in Idaho, 1.1% in Iowa, 4.0% in South Dakota, 2.3% in Washington and 1.1% in Wisconsin. But, milk production was down 0.3% in Michigan, 1.2% in New York, 1.8% in Ohio and Oregon, 2.1% in Pennsylvania and unchanged in both Minnesota and New Mexico.

Positive factors for milk prices were relatively strong domestic sales both at food service and retail, increased dairy exports and improved stock levels. On a volume basis dairy exports were at an all-time high during April. April exports compared to a year ago were up 37% for nonfat dry milk/skim milk powder, 22% for cheese, 190% for butterfat, 24% for whey products, 23% for lactose and 24% for milk protein concentrate. On a total solids basis exports were equivalent to 18.8% of U.S. milk production. Butter stocks did increase from March to April and were 5.2% higher than a year ago, but American cheese stocks were 2.9% lower with total cheese stocks just 3.3% higher. Total whey stocks were 19.7% lower and nonfat dry stocks just 2.5% higher.

But, the market appears to be negatively reacting to U.S. decision to place tariffs on Mexico steel and aluminum and tariffs on a number of China goods and products. In retaliation Mexico announced that they will place a tariff on U.S. cheese and China announced tariffs on some dairy products, corn, soybeans and other products. Mexico is the largest export market for U.S. cheese. In 2017, Mexico accounted for 28.3% of U.S, cheese exports. While these tariffs don't take effect until July and the degree of impact on U.S. dairy exports is unknown at this time dairy product prices have already fallen. On the CME butter averaged $2.3751 per pound in May, was $2.3784 early June but has fallen to $2.31. Cheddar cheese barrels averaged $1.5870 per pound in May, were $1.5983 early June but have fallen to $1.3250. The 40-pound cheddar blocks averaged $1.6397 per pound in May, were $1.6525 early June but have fallen to $1.5675. Nonfat dry milk averaged $0.8441 per pound in May, were $0.8277 early June but have fallen to $0.7525. Dry whey averaged $0.2981 per pound in May, was above 0.40 in June and has fallen to $0.3950.

Hopefully these declines in dairy product prices are an over-reaction to the imposed tariffs and retaliation. Prior to this it looked like the Class III price would be near $16 by June and move to the high $16's by October with $17 as a possibility. The Class IV price was forecasted to be in the $15's by June and the higher $15's by October and may be reaching the low $16's by November. But, in recent trades dairy futures have tumbled. Class III futures are now in the $15's July and August, the low $16's in September to November and back to the high $15 in December. Class IV is in just the high $14's July and August and the low $15's for the remainder of the year.

Domestic sales are anticipated to stay relatively strong for the remainder of the year. A smaller than earlier forecasted growth in milk production is positive for milk prices. USDA is now forecasting milk production for the year to be up just 1.2%. The unknown is how dairy exports will fair for the remainder of the year. Despite the retaliations by Mexico and China USDA still forecasts dairy exports above year ago levels. Class III was $15.18 in May and may now improve to around just $15.30 for June. Class IV price was $14.57 in May and may be around $15 for June. From here out prices are uncertain. The price outlook is not as optimistic as a month ago. But, the markets could very well have over-reacted and we could see a good correction. And if the growth in milk production can remain no higher than about 1% Class III during the second half of the year could still reach the mid to high $16's and the Class IV in the mid to high $15's.

Sporecaster, The White Mold Forecaster

Android install : https://play.google.com/store/apps/details?id=ipcm.soybeandiseasecalculator
Apple install: https://itunes.apple.com/us/app/sporecaster/id1379793823?mt=8

The best time to manage white mold is during flowering (R1 and R2 growth stages) when apothecia (small, mushroom-like structures) are present on the soil surface. Apothecia release spores which infect senescing soybean flowers, leading to the development of white mold. University research has indicated that the appearance of apothecia can be predicted using several variables including weather and amount of soybean row closure in a field. Based on this research, Sporecaster models have been developed to forecast the risk of apothecia being present in a soybean field. Farmers can easily input site-specific information about their soybean field into the app, which combines field information with the research-based models to predict the best timing for white mold treatment in that field.

Sporecaster uses GPS coordinates to determine if weather has been favorable for the development of apothecia during soybean flowering in a specific field. Models in the app use 30-day averages of maximum temperature, relative humidity, and maximum wind speed to predict favorable conditions for most soybean growing regions. Based on these predictions and crop phenology, a site-specific risk prediction is generated for three scenarios (non-irrigated soybeans, soybeans planted on 15″ row-spacing and irrigated, or soybeans planted on 30″ row-spacing and irrigated). Sporecaster is designed to predict the probability of white mold apothecial presence. However, fields still need to be scouted to determine if the soybean crop meets thresholds such as canopy closure and presence of flowers.

To use the Sporecaster app, download it onto your phone from the Apple Store or Google Play. The app allows the user to locate and setup multiple fields and run the apothecial risk prediction model using weather data from a third-party provider (Dark Sky API).

Once opened, you can create Fields and determine their apothecial risk. The app will prompt the user for information, such as field name, row spacing, if the field is irrigated and the field location. Then the risk of apothecial presence can be calculated. The model will only run if it is told that flowers are present and if canopy closure meets threshold (for 30-inch row spacing only). A forecast risk expressed in percentage units is then shown, with red being above the 40 percent action threshold for a fungicide application. It is possible to rerun the model as desired and even go back to previous years to examine previous risk.

To begin:

The first step to create a new white mold risk forecast is to enter field information. This includes field name, row spacing, GPS ocation, and irrigation status. Use ‘Tap to select a location’ to open the map or enter custom GPS coordinates using the text input. You can use road or satellite view on the map; then tap ‘Done’. Next tap ‘Save’ and the field information will be saved in your ‘Field List’.

The forecast screen is displayed next, where flowering information is required to progress. The forecast models only run when you indicate that at least one soybean flower is present. Generally, the optimum time to run the models is between flowering and beginning pod (R1-R3 growth stages), however, flowers can be present even into full pod (R4 growth stage) on some varieties in some environments.

On 30″ rows, sufficient canopy closure is needed for the formation of apothecia. Roughly 40% closure between rows is required for apothecia to develop. The forecast models only run when canopy closure of 40% or more (Over threshold) has been selected in the app. Pictures in the app will guide this choice.

Choose a date for the forecast. The calendar defaults to the present date. Choose any day previous to this date to run historical risk calculations. You can also choose one or two days in the future; but be aware such forecasts are less accurate due to rapid changes in weather. Also, the models only run when the app is able to connect to the internet and download a complete 30-day set of weather for the field’s GPS location.

If Sporecaster predicts high risk (a red indication is displayed) in your area for your planting scenario, a fungicide application would be recommended. If medium risk (yellow indication in displayed) is predicted, consult Sporecaster again over the next few days to monitor the situation. High risk scenarios can develop quickly. If low risk (blue indication in the display) is predicted, then infection is not likely. However, Sporecaster should be consulted again in a week during soybean bloom (R1 and R2 growth stages) to monitor the situation.

There are two buttons at the top of the forecast screen that will show a history of past forecast results and will create an email containing the risk forecast(s) for a field that can be shared for further record keeping or management.

If a field receives a High Risk prediction using Sporecaster, we recommend consulting your local Extension personnel or resources for the best fungicide management options for your area.

To use Sporecaster in other locations, add new fields to your Field List. You can edit the Field List by swiping to delete fields. After you have used Sporecaster on several fields, you can create an email containing the forecast history of multiple fields using the ‘Export’ button.

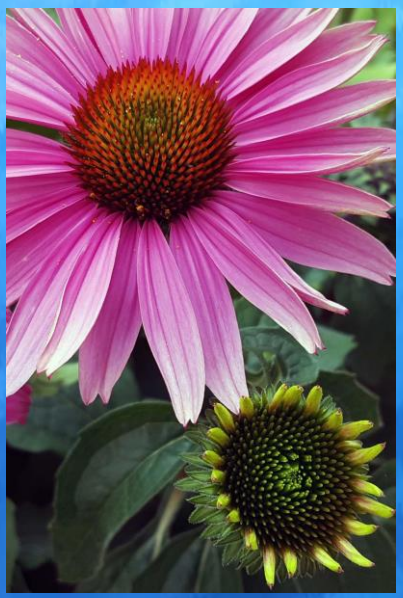
Join us for a fun, informal, and *FREE* program on the…

Basics of Shoreline Restoration

July 17th
6:00 – 7:30 pm
Glas Coffeehouse Patio
511 North Main Street, Shawano

Bring your own chair and coffee mug and learn more about:

- Status of surface water quality across Shawano County
- Shoreline restoration basics and professional resources to help
- Using native plantings to improve surface water quality and wildlife habitat
- Potential cost-share in Shawano County for homeowners
- Glas's shoreline restoration project – preparation, establishment, and expectations



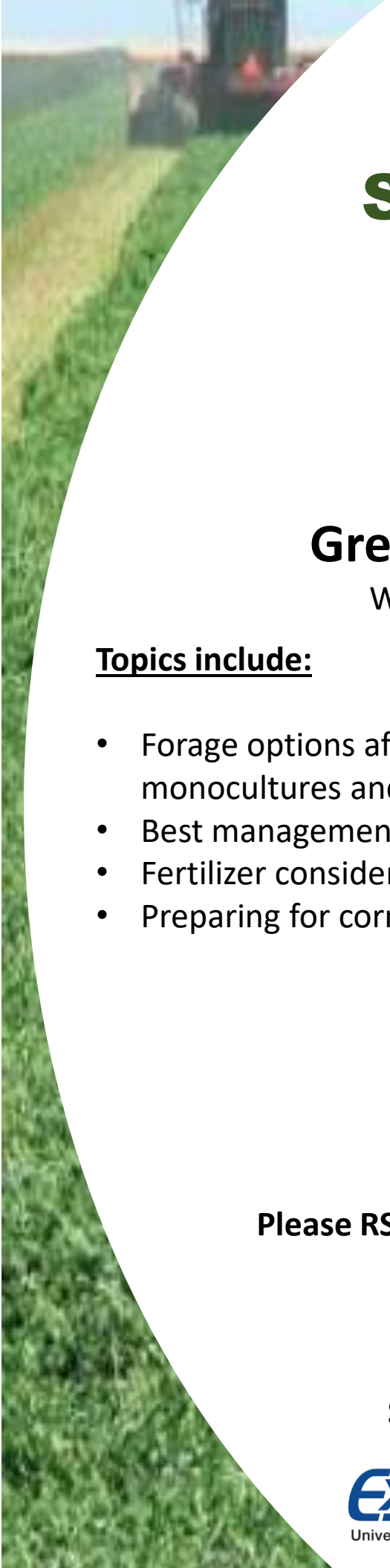
Everyone welcome!

Please RSVP with the
Shawano County UW-Extension Office
at (715) 526-6136

In case of inclement weather, workshop will be held inside Glas

Sponsored By:
WAMSCO - Waterways Association of Menominee and Shawano Counties

GLAS the green coffeehouse · Shawano County Wisconsin · Wisconsin Dept. of Natural Resources · Fox-Wolf Watershed Alliance · NPM · UW Extension Shawano County



Fall Forages – Selection, Planting, and Harvest

July 19th
10 am to 2 pm
Green Valley Community Center

W1734 Hwy E, Cecil (just west of Advance)

Topics include:

- Forage options after wheat – monocultures and mixes for fall and spring harvest
- Best management strategies for fall alfalfa establishment
- Fertilizer considerations for fall forages and new seeding alfalfa
- Preparing for corn silage harvest

Workshop is Free

Light lunch provided by
Shawano County Forage Council

Please RSVP with the Shawano County UWEX Office at (715) 526-6136

Sponsored by – Shawano County Forage Council

UW Extension University of Wisconsin-Extension

NPM

MFA Midwest Forage Association

2018 Youth Tractor and Machinery Safety Training

UW Extension Cooperative Extension

Your county extension office

Pound Town Hall – Coleman, WI

Mondays & Wednesdays, July 16, 18, 23, and 25

Makeup days will be scheduled if needed.

Cost: $35/person **9 a.m. to 3:15 pm each day**

Who Needs To Attend the Training? Any 12 to 15-year old who may need to drive any type of farm machinery on a public road in Wisconsin. Others are welcome to attend the course, but only those older than 12 will receive certification. Those 16 years old and older without a valid driver's license can also utilize this training to be legal to drive farm machinery on public roads.

Legal Review: In Wisconsin, 14 and 15 year-olds who have successfully passed the Wisconsin Safe Operation of Tractor and Farm Machinery Course can legally drive farm machinery on public roads for their parents or grandparents' farms AND can work for other farms and do the same. 12 and 13-year olds who have completed the course can legally drive farm machinery on public roads only when working for their parents or grandparents' farms. If you employ persons under 15 years or who do not have a driver's license, it is highly recommended that you have them attend the training, whether they drive on public roads or not, as this is a good all-around safety training (and you should be collecting a copy of their federal permit from them). You may want to talk to your insurance agent to double-check about requirements based on your insurance policy.

Some Logistics:

– State law mandates 24 hours of training for this program. If participants are not going to be able to attend one of the scheduled days, we will figure out an acceptable make-up day that matches our schedules to allow them to complete the course. **Wednesday, July 25 is testing day and all participants MUST be in attendance.**

– Participants need to bring their own lunches, a refrigerator will be available for storage. Families are welcome to provide snacks, Scott will have water and/or lemonade and/or milk available.

– The course will emphasize hands-on and skill-building exercises, including first aid and fire safety from local emergency response personnel. We will be analyzing machinery for safety aspects, conducting on-farm safety assessments, and dozens of other activities, along with videos and course material review.

Call Scott at the Marinette County UWEX office, at either 715-732-7510 or toll-free 1-877-884-4408 if you have any questions, or you can e-mail to scott.reuss@ces.uwex.edu

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Registration Form - Tractor & Machinery Safety Training - please print

Name(s):_____ Age(s): _____

Mailing Address: _____

City: _____ Zipcode:_____

Emergency Contact Telephone Number:_____

Please complete this form and mail to the following address by July 13, with a check for $35 per participant and made payable to UW-Extension. OR contact Scott with the above information by then!

Marinette County UW-Extension
1926 Hall Avenue
Marinette, WI 54143

Crops Management Events in the area

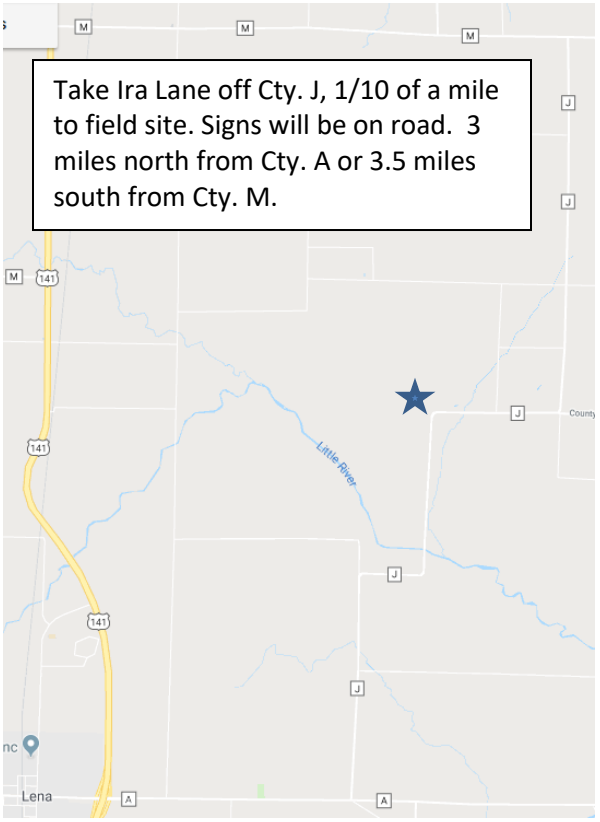
Soybean Population, Pests, and Plant Management

Tuesday, July 31st Town of Little River 9:30 a.m. to Noon

Free to attend, snacks on hand, and reference materials given out to all attendees

We will be focusing on a few different aspects of soybean management, including viewing of the planting population trial found at this field. Planted rates ranged between 69,000 and 285,000 seeds per acre.
Topics of discussion/demonstration/walk through at this event:

- Soy Plant Population, what is best in various situations?
- Soy nutrient management needs
- Pest Scouting and Identification – current scouting needs, identification of what is in your fields now and what can yet be done; or what could have been done earlier.



Making Winter Wheat Profitable, Kiel, July 17, 10 a.m. to 2 p.m.

The University of Wisconsin Extension will be hosting a "Making Winter Wheat Profitable" Production Workshop for farmers/agricultural professionals in Northeast and East Central Wisconsin at the Millhome Supper Club in Kiel. Registration begins at 10:00 a.m. with the program starting promptly at 10:30 a.m. and concluding by 2 p.m. Registration is $20 per person and includes lunch.

Shawn Conley, UW-Madison/UW-Extension Soybean and Small Grains Specialist, will discuss choosing successful winter wheat varieties, crop management decisions, and staging wheat. Damon Smith, UW-Madison/UW-Extension Field Crops Plant Pathologist will discuss winter wheat diseases along with fungicide selection and timing. Carrie Laboski, UW-Madison/UW-Extension Soil Scientist will discuss profitability and the 4R's for Wheat Management. Brenda Boetel, UW-Extension Marketing Specialist or Kevin Jarek, UW-Extension Crops, Soils, and Horticulture Agent, Outagamie County will examine cost of production via crop enterprise budgeting as well as share information about marketing strategies to maximize profitability. NOTE: Contact Scott to receive registration materials for this event.

Corn Hybrid Trial & Management Field Day, Stephenson, MI August 28

Michigan State University Extension and the University of Wisconsin Extension will be hosting a field day in conjunction with their join corn hybrid trial site at the Meintz Farm near Stephenson, MI. It will be either in afternoon or evening of that day and will include Dr. Singh from MSU Extension and UW-Extension Corn Agronomist Joe Lauer, along with county extension agents Scott Reuss and Monica Jean, Marinette and Menominee Counties. Watch for details in the August newsletter, but get this date on your calendars.

Marinette County Holstein Association

Annual Twilight Meeting

July 20, 2018

The annual Marinette County Holstein Association Twilight meeting will be held Friday, July 20, 2018 at Hoffman's Happy Holsteins, Peshtigo, WI. Hoffman's Happy Holsteins is the first robot rotary parlor in the United States. The 40-stall robot rotary is currently milking 540- cows with the most modern technology employed.

Hoffman's Happy Holsteins is owned by Kent & Heidi and Kerwin & Lisa Hoffman. The farm operates successfully with other family members including Kent and Kerwin's parents, Wayne and Barbara. Both brothers also have children farming with them and helping out.

Additionally, we are excited to have guest speaker Don Mielke. Don has a background in dairying for 47 years, plus he has worked in the artificial insemination industry for 35 years. He is dubbed the "AI Ambassador" to the world and will join us with an entertaining talk including stories about his trips to 3 different continents and over 24 trips to Europe to teach AI at colleges.

The farm will be open to the public beginning at 6:00 p.m. The meal will start at 6:30 p.m. with dairy judging results, the speaker, and door prizes to follow at approximately 7:30 p.m.

Farm location: The farm address is W6031 Town Hall Road, Peshtigo, WI 54157 about 1 mile west of County W.

Association members are asked to bring bars.

Sincerely, Phil Finger, Secretary

WFU, Pheasants Forever to co-host Women Caring for the Land events

These events are geared toward women farmers or landowners who are interested in learning more about conservation. Each event will kick off with coffee and networking. Lunch is a potluck (main dish provided) so bring a dish to pass. Please dress for walking in pastures. Locations include:

- **July 20, 10am to 2pm, Bouressa Family Farm, N3775 Ritchie Rd., New London.** See Rachel Bouressa's grassfed and finished beef farm, where animals pasture year-round. Learn how healthy land leads to healthier animals.
- **Aug. 14, 8:30am-3pm, Buser Cattle Company, 6440 Wiesner Rd. Omro.** Katie Kopina Buser and her husband John Buser own Buser Cattle Company, an operation primarily focused on grazing beef cattle. They utilize owned and rented acres and are putting practices to work that they learned working on several large cattle operations out west.
- **Sept. 12, 8:30am-3pm, Bossie Cow Farm, W6174 Cty. Rd. SS, Random Lake.** Join Thelma Heidel-Baker, organic dairy farmer and insect conservation specialist for the Xerces Society, as she highlights pastured grazing for cows, pollinators and other wildlife, and how conservation can tie a family together through a farm transition.
- **Sept. 27, 8:30am-3pm, Long Winter Farm, W1446 Lawlor Rd., East Troy.** Rachel Anderson's mission is to farm efficiently and sustainably. This 1500-acre farm utilizes no-till, strip-till, GNSS-based application, advanced cover crop systems, and water quality monitoring. Additionally, they maintain refuge for wildlife through wetland, prairie, and oak savanna restorations. Rachel and her mother Pamela are starting a new adventure: a brand-new cut-flower business.

Please register under the corresponding event at www.wisconsinfarmersunion.com/upcoming-events or RSVP to the WFU State Office at 715-723-5561. The Women Caring for the Land series was developed by the Women, Food and Agriculture Network. Learn more at www.womencaringfortheland.org.

WOOD COUNTY • JULY 10-12

2018 WISCONSIN FARM TECHNOLOGY DAYS

"Farm Forward"

Show

SHOW DAYS & TIMES:

July 10 – 12, 2018
Tuesday – Thursday
9 a.m. – 4 p.m.

ADMISSION:

Cash Only
$8 per person at the Gate
Children 12 and under are free
FFA and 4-H students accompanied by their instructor/leader are free

Farm Technology Days – 2018

Here are some of the most pertinent facts & details about the upcoming Farm Technology Days along with a snipped Google Map shot of the approximate location of FTD. UW-Extension will have Forage, Cover Crops, Dairy, Livestock, Poultry, Horticulture, and other demonstrations and displays on site, so stop by as you can.

Daily Schedule for Field Demonstrations

10 AM TO 12 PM: MOWING
10 AM TO 12 PM: MERGING AND FORAGE CHOPPING
1 PM TO 3 PM: MOWING
1 PM TO 3 PM: MERGING AND FORAGE CHOPPING

The pick-up and drop-off area for trams to Field Demos is located at the west end of 6th Street North beyond Innovation Square and the UW Extension Tent.

Specialist Central

	TUESDAY Livestock Day	WEDNESDAY Farm Business Day	THURSDAY Crops and Soil Day
10 AM	Is a Premium Beef Program an Option for Your Dairy Farm? – Victor Cabrera, Dairy Systems Management Specialist	Suicide Prevention - Melissa Kono, Clark County Community Development Educator	Patricia McManus, Fruit Pathology Specialist cranberry grower Dani Faber discuss advancements in cranberry production
11 AM	Costs of Dairy Heifer Rearing – Matt Akins, Dairy Heifer Specialist	Ten Things to Consider for Succession Planning – Joy Kirkpatrick, Farm Succession Specialist	Cover Crops and Soil Health in WI – Matt Ruark, Soil Scientist
1 PM	Kim Bremmer interviews Heiman Holstein's - FTD hosts about their dairy operation.	Dairy Market Update – Mark Stephenson, Ag and Applied Economics Academic Program Director	Can Less Be More - PLS Alfalfa Seeding Rate Study – Kevin Jarek, Outagamie County Crops, Soils and Horticulture Educator
2 PM	Raising a Small Poultry Flock – Adam Hady, Richland County Agriculture Educator and Ron Kean, Poultry Specialist	Kim Bremmer visits with members of the Sternweis family to discuss their dairy farm.	A conversation about dairy processing and retail dairy with hosts Weber's Farm Store and Kim Bremmer.

WiscWeeds
University of Wisconsin-Madison UW-Extension
Wisconsin Cropping Systems
Weed Science

According to our recent survey, waterhemp has become the most concerning weed species in Wisconsin row crop production. Glyphosate-resistant waterhemp has been confirmed in 25 counties, and PPO-resistant waterhemp has been confirmed in four.

To learn more about waterhemp management in soybean, join us for a tour of our challenge plots that showcase comparisons of 29 PRE-emergence soybean herbicides, the value of Group 15 herbicides sprayed POST-emergence in soybean, and a systems approach for weed control in Xtend soybean.

WATERHEMP MANAGEMENT CHALLENGE

Plot Tour

Friday, July 13, 2018

Lancaster Ag Research Station

7396 State Rd 35 & 81, Lancaster WI 53813

Registration, coffee and donuts at 8:30 am

Tour starts at 9 am (concludes by 11 am)

RSVPs (by July 10th please) and questions?
Contact Dan Smith,
Southwest Regional Specialist,
Nutrient and Pest Management Program,
dhsmith@wisc.edu
(608) 219-5170

NPM

UW Extension
University of Wisconsin-Extension

College of Agricultural & Life Sciences
UNIVERSITY OF WISCONSIN–MADISON

WISCONSIN SOYBEAN MARKETING BOARD

WiscWeeds
University of Wisconsin-Madison UW-Extension
Wisconsin Cropping Systems
Weed Science

The following research trials will be showcased: 1) Herbicide Programs in Corn, 2) Weed Management in Enlist Corn, 3) Impact of Carrier Rate on Efficacy of PRE-Emergence Corn and Soybean Herbicides, 4) Comparison of PRE-Emergence Herbicides for Weed Control in Soybean, and 5) Systems Approach for Weed Control in Balance Beans, Enlist, Liberty Link, and Xtend soybean.

WEED SCIENCE PLOT TOUR

Tuesday, July 17, 2018

UW Arlington Ag Research Station

Public Events Building, N695 Hopkins Rd, Arlington, WI

Registration, coffee and donuts at 8:30 am

Tour starts at 9 am (concludes by 11:45 am)

RSVPs (by July 13th please)
Contact Mindy Breunig or Kelly Tomko-Ewing,
phone (608-846-3761) or
email: mindy.breunig@wisc.edu;
ktomko@wisc.edu

Questions related to the tour,
contact Rodrigo Werle,
UW-Madison Extension
Cropping Systems Weed Scientist
phone (608) 262-7130 or
email: rwerle@wisc.edu

College of Agricultural & Life Sciences
UNIVERSITY OF WISCONSIN–MADISON

UW Extension
University of Wisconsin-Extension

AGRONOMY/SOILS FIELD DAY

College of Agricultural & Life Sciences
UNIVERSITY OF WISCONSIN-MADISON
Growing the future

Wednesday, August 22, 2018

UW-Arlington Agricultural Research Station

UW Extension
University of Wisconsin-Extension

PROGRAM

8:00	Registration ($0), coffee
8:30 Tours	Soil Fertility & Management Pest Management Interseeding in Grain & Forage Systems
10:30 Tours	Soil Fertility & Management Grain Production Systems Pest Management
12:00	Lunch Speaker: Dan Veroff Wisconsin Population & Demographic Megatrends: Implications for Agriculture & Farming Lunch provided by Badger Crops Club ($5 donation)
1:00 Tours	Pest Management Interseeding in Grain & Forage Systems Equipment Rodeo
2:45	Have a safe trip home!

The Arlington ARS is located on Hwy. 51, about 5 miles south of Arlington and 15 miles north of Madison. Watch for Field Day signs.
GPS coordinates: 43.300467, -89.345534

In the event of rain, presentations will be held inside. For more information contact the Arlington Ag Research Station at 608-846-3761 ext 101.

To help us organize a successful event, if you are considering attending please complete a RSVP at **https://go.wisc.edu/uwtu24**

Thanks!

The College of Agricultural and Life Sciences will make a reasonable effort to provide accommodations for participants with disabilities when notified in advance. To request a disability accommodation, please contact ars_accommodation@cals.wisc.edu or call 608-846-3761 ext.101at least 10 days in advance of event. Efforts will be made to meet same day requests to the extent possible.

TOURS

8:30	10:30	Soil Fertility & Management	
		Improve ROI and NUE by timing N applications for corn	Carrie Laboski
		Soil sampling with banded fertilizer	Andrew Stammer
		Use of a rye cover crop in dairy forage production: Environmental and yield benefits	Francisco Arriaga
		Soil health in Wisconsin	Matt Ruark
8:30	**10:30**	**Grain Production Systems**	
		Forages: Old, new and reimagined	Ken Albrecht
		Management practices that minimize the soybean yield gap on your farm	Shawn Conley
		Advances in crop biotechnology at the Wisconsin Crop Innovation Center	Heidi Kaeppler
		The Wisconsin corn pop-up/starter fertilizer challenge	Joe Lauer
10:30	**1:00**	**Pest Management**	
		Using fungicide in corn for grain and silage	Damon Smith
		Weed management for annual cropping systems	Rodrigo Werle
		Using an integrated approach to western bean cutworm management	Bryan Jensen
		White mold management	Megan McCaghey
8:30	**1:00**	**Interseeding in Grain & Forage Systems**	
		Interseeding cover crops in organic corn and soybean production	Erin Silva
		Interseeding legumes with Kernza	Valentin Picasso
		Small grains with frost seeded clover	Lucia Gutierrez
		Interseeding corn and alfalfa	Will Osterholz
1:00		**Equipment Rodeo**	
		Agriculture technology: Planting, UAV remote sensing and autonomous machines	Brian Luck, Jessica Drewry, Jeff Nelson

Visit exhibits between tours and during lunch
UW Soil & Forage Analysis Lab, SnapPlus, Nutrient & Pest Management Program and more!

Certified Crop Advisors
7.5 CEU credits requested