



Upcoming Events:

Aug 8
Heifer Grazing Tour
Tauchen's Farm , Bonduel

Aug 22
UW Agronomy / Soils
Field Day

August 22-26
Waupaca County Fair
Fairgrounds, Weyauwega

Sept 14
Farm Manager/Ag Lender Update
Liberty Hall Kimberly

Oct 2 - 6
World Dairy Expo
Alliant Energy Center, Madison

Stay Connected with Local & Statewide Extension Resources



Stay current with the latest UW Extension dairy updates through the UW-Extension Dairy Team website (<http://fyi.uwex.edu/dairy/>). Sign up for automatic email notices when new posting occur on topics related to:

- Ag Safety & Health
 - Dairy Replacements
 - Financial Management
 - Feeding & Nutrition
 - Reproduction/Genetics
- Animal Health & Wellbeing
 - Facilities & Modernization
 - Milk Quality & Milking Systems
 - Human Resource Management
 - Youth / Apps & More

Also, stay connected with timely updates from the Waupaca County UW-Extension Office through Facebook and Twitter postings at:

Facebook: [facebook.com/WaupacaCountyUWEX](https://www.facebook.com/WaupacaCountyUWEX)

Twitter: [@uwexwaupacaco](https://twitter.com/uwexwaupacaco)

For more on these or other web based UW-Extension resources, including updating your contact information to continue receiving this newsletter, call Dana Nelson at 715-258-6231 or by email at dana.nelson@ces.uwex.edu.

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“Gratitude helps us encounter those special moments that can forever change how we see the world and live our life.”

- John Milton -

Alternative Forage Crops

Winter kill and dry weather have some farms looking at alternative forage options to build back their feed inventory in 2018. Here is table showing relative planting / harvesting periods, as well as the average forage yield and quality from various annual forage crops.

Table 1. Forage Planting Date, Harvest Date, Yield and Quality of Annual Forage Crops

Crop	Planting Date	Maturity Date	Yield (t/a)	Crude Protein	RFV
Winter Rye	September	mid May	3-3.5	12-13	85-90
Winter Wheat	September	late May	3-3.5	11-12	85-90
Winter Triticale	September	early June	3-3.5	11-12	85-90
Barley	mid April	mid June	2.5-3	12-13	100-110
Barley & peas	mid April	mid June	2.5-3	15-16	115-120
Oats	mid April	late June	2.5-3	12-13	100-110
Oats & peas	mid April	late June	2.5-3	15-16	115-120
Wheat (spring)	mid April	early July	2.5-3	11-12	100-110
Triticale (spring)	mid April	mid July	2.5-3	13-14	100-110
Sp. triticale & pea	mid April	mid July	2.5-3	15-16	115-120
Corn (silage)	May 1	mid Sept	7-8	9-10	95-105
Corn (silage)	June 1	mid Sept	5-6	9-10	95-105
Corn (silage)	July 1	late Sept	2-3	9-10	95-105
Forage sorghum1	June 1	mid Sept	6-9	10-11	90-100
Forage sorghum	July 1	mid Sept	2-4	10-11	90-100
Sudangrass1	June 1	mid July	3-5	11-13	90-100
Sudangrass	July 1	mid August	2-4	11-13	90-100
Sorghum-sudangrass hybrid1	June 1	mid July	4-6	12-14	90-100
Sorghum-sudangrass hybrid	July 1	mid August	3-5	12-14	90-100
Soybeans	May 15	July 1	1-1.5	20-21	120-140
Soybeans	May 15	August 1	1.5-2.5	18-20	120-140
Soybeans	May 15	Sept 15	3-4	18-20	120-140
Soybeans	June 1	Aug - Sept	2-3	18-20	120-140
Soybeans	July 1	September	1-2	18-20	120-140
Grain sorghum & soybean	June 1	September	6-7	11-12	95-110
Forage sorghum & soybean	June 1	September	6-9	10-11	90-105
Rape	mid June	September	2-3	20-25	150-250
Turnip - tops	mid-June to Aug 1	September	2-3	20-25	150-250
Turnip - beet	-----	October	0.5	16-20	-----
Oats (spring)	August	October	1-2	10-11	140-150
Barley (spring)	August	October	1-2	10-11	110-130
Triticale (spring)	August	October	0.5-1	13-14	130-140
Wheat (winter)	August	October	0.5-1	12-13	150-160
Mix (winter wheat & oats)	August	Oct & May	3-5	10-13	100-120

Visit the Waupaca County UW-Extension website for a more detailed two-page summary with specific planting and harvesting recommendations (<https://waupaca.uwex.edu/>).



Hybrid Winter Rye Forage Trial Results - 2018

Shawn P. Conley, State Soybean and Wheat Extension Specialist
Adam Roth, Senior Research Specialist
John Gaska, Senior Outreach Specialist
University of Wisconsin, Madison

A research trial was established in the fall of 2017 at the Arlington Agricultural Research Station, Arlington, WI to help determine the value of hybrid winter rye as a forage. Three hybrid winter rye varieties were tested along with one winter triticale variety. The first cutting was taken at Feekes 10.1 (head emergence), and a second cutting was taken at Feekes 11.1 (kernel milky ripe).

Experimental Procedure				Field Information			
Exp. Design:	RCB			Previous Crop:	Soybean		
Replicates:	2			Soil fertility:	pH: 7.3	O.M.: 3.4%	
Plot size:	Planted:	7.5' x 18'		Tillage:	P: 31 ppm K: 119 ppm		
	Harvested:	5' x 14'			No-tillage		
Row Spacing:	7.5"			Planted:	September 25, 2017		
Seeding Rate:	Rye =	800,000 seeds/acre		Nitrogen:	55 lb N/a @ green up in spring		
	Triticale =	1,500,000 seeds/acre					

Variety	Species	Harvest		Crude Protein (%)	RFQ ¹	Dry Matter Yield (ton/acre)	Milk per	
		Growth Stage	Date				Ton (lbs)	Acre (lbs)
KWS Daniello	Rye	10.1	23-May	16.4 A	139.8 A	2.85 DE	3,186 A	9,073 D
KWS Progas	Rye	10.1	23-May	15.3 B	132.3 AB	3.05 D	3,082 A	9,385 D
KWS Propower	Rye	10.1	23-May	13.8 C	123.3 B	3.00 DE	2,875 BC	8,615 D
Trical 815	Triticale	10.1	29-May	15.9 AB	135.0 AB	2.68 E	3,064 AB	8,204 D
KWS Daniello	Rye	11.1	22-Jun	6.9 E	100.4 C	5.47 B	2,515 DE	13,756 B
KWS Progas	Rye	11.1	22-Jun	7.5 DE	110.3 C	5.70 AB	2,699 CD	15,358 A
KWS Propower	Rye	11.1	22-Jun	7.1 E	108.8 C	5.84 A	2,660 D	15,523 A
Trical 815	Triticale	11.1	22-Jun	8.5 D	98.9 C	4.45 C	2,460 E	10,921 C

¹ RFQ = Relative Feed Quality
Results followed by the same letters are statistically the same.
Forage samples were analyzed using near infrared spectroscopy.



Courthouse
811 Harding Street
Waupaca, WI 54981
715 258-6230
715 258-6232 (FAX)

WE TEACH, LEARN, LEAD AND SERVE



To Whom It May Concern:

Periodically, UW-Extension takes steps to ensure that our partners know and understand our policy of nondiscrimination. This letter is to remind you that the University of Wisconsin does not discriminate in the treatment of individuals in the admission or access to its programs and activities, in the provision of services, or in employment. Please share this information with others involved in your group, organization, or governmental unit.

Further, UW-Extension will not participate with organizations or in activities which discriminate on the basis of any of the legally prohibited categories of discrimination including race, color, gender/sex, creed, disability, religion, national origin, ancestry, age, sexual orientation, pregnancy, marital or parental status, arrest or conviction record, or membership in the national guard, state defense force or any other reserve component of the military service.

Consistent with the Americans with Disabilities Act, persons who need materials in alternate format or other accommodation must write or call the UW-Extension contact person for the specific program or call the Waupaca County UW-Extension Office, 811 Harding Street, Waupaca, WI 54981 at least ten (10) working days prior to the event.

The University of Wisconsin-Extension staff in Waupaca County thanks you for collaborating with our many educational endeavors. We appreciate your support and working relationship. Again, please share this letter with group, organization, or governmental officials in which you are a member or officer. If you have any questions or concerns regarding this policy, please call us at 715 258-6230.

Sincerely,
Waupaca County UW-Extension

Greg Blonde
Agricultural Educator

Penny Tank
4-H Program Advisor

Christi Gabriliska
FoodWise Coordinator

Sandy Liang
Family Living Educator

Jessica Beckendorf
Community Dev. Educator

Kelly Hammond
FoodWise Educator

University of Wisconsin, U.S. Department of Agriculture and Wisconsin Counties cooperating.
UW-Extension provides equal opportunities in employment and programming including Title IX and ADA

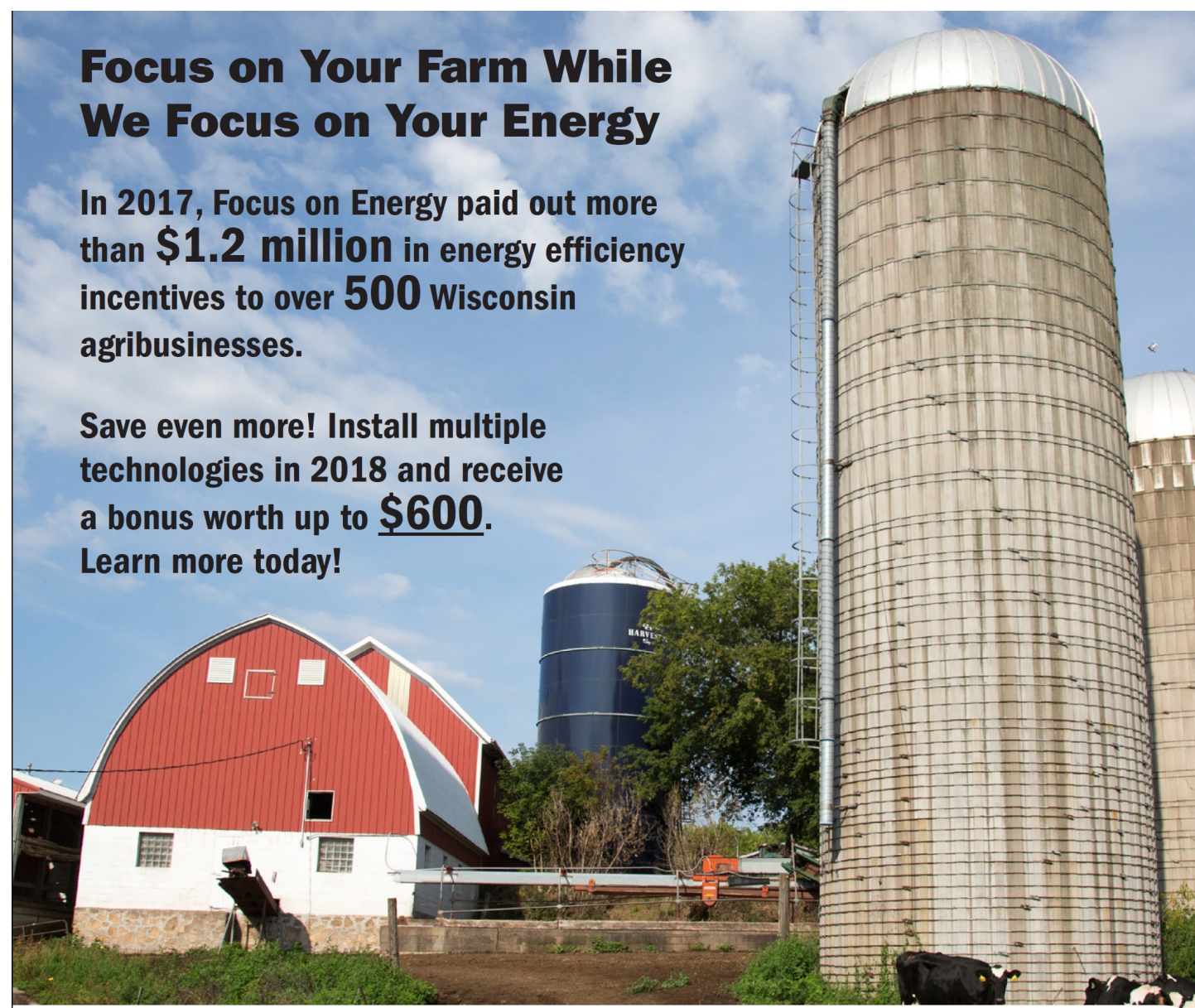


Agriculture, Schools and Government Program
725 West Park Avenue • Chippewa Falls, WI 54729
phone: 888.947.7828
fax: 608.663.0267
focusinfo@focusonenergy.com

Lower milk prices have had a big impact on dairy farms considering ways to reduce their expenses and keep their business profitable. Reducing the utility bill is a one way to help control cost and improve safety of your dairy farm.

Dairy farms average between 800 and 1,200 kilowatt-hours (kWh) of annual electricity use per cow, so it's important to understand how those costs are broken down. Half (49%) of all electrical costs on most dairy farms is used to run milking (25%) and processing (milk cooling and water heating) equipment. Lighting and ventilation each account for 20-25%. Consider doing a mini energy audit on your farm. It could help save you hundreds or even thousands of dollars each year.

Contact Focus on Energy (888-947-7828) or ask your utility representative for more information.



Focus on Your Farm While We Focus on Your Energy

In 2017, Focus on Energy paid out more than **\$1.2 million** in energy efficiency incentives to over **500 Wisconsin agribusinesses**.

Save even more! Install multiple technologies in 2018 and receive a bonus worth up to **\$600**.
Learn more today!

Dairy Heifer Grazing Farms Bus Tour

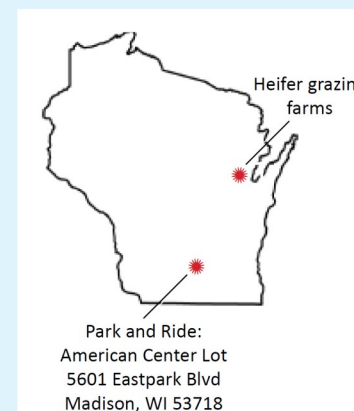


Wednesday, August 8, 2018
9:30 am to 6:30 pm

Join us on a bus tour to visit two large-scale dairies in Northeast Wisconsin. Come and learn why these farms raise their heifers on grass and hear about the economic and health benefits they are experiencing.

Tauchen Harmony Valley Dairy currently milks around 750 cows. Al Tauchen has used prescribed grazing for six years and is in the process of expanding his current grazing acreage. Al has seen great results with his bred heifers on pasture and is excited about expanding his grazing operation. Heifers are rotated daily, which maximizes dry matter intake and keeps pastures producing at high levels.

VandeWettering Farms LLP currently milks around 350 cows. They recently started grazing their dairy heifers. This past year, in addition to traditional grass/clover pastures, heifers grazed standing corn and cover crops prior to and after main crop harvest. Heifers were on cover crop pastures until mid-December. Grazing cover crops allowed the farm to increase dry matter production per acre while developing a healthy dairy animal.



Matt Akins, UW–Madison Dairy Management Specialist, and **Heidi Johnson**, Dane County UW–Extension Crops and Soils Educator, will be on hand to answer questions.

Pre-registration is required by end of day on August 1. The bus will depart the American Center Park & Ride at 9:30 am. The fee of \$10 can be paid through registration or on site. Lunch will be provided.

For more information contact **Marie Raboin**, Conservation Specialist, (608) 224-3742 or email Raboin.Marie@countyofdane.com.
Registration: <https://fyi.uwex.edu/danecountyag/events/heifergrazing>



AGRONOMY/SOILS FIELD DAY



Wednesday, August 22, 2018
UW-Arlington Agricultural Research Station



PROGRAM

8:00	Registration (\$0), coffee
8:30 Tours	Soil Fertility & Management Grain Production Systems 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.101 at 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

Farm Management Update for Ag Professionals
Friday, September 14, 2018
Liberty Hall, Kimberly

9:00 am	Registration, milk, coffee, juice, and rolls
9:30 am	“Market Outlook / Strategies” - Robin Schmahl, Ag Marketing Consultant, AgDairy LLC
10:15 am	“Exit Planning” - Scott Gunderson, Manitowoc County Extension Dairy & Livestock Agent - Stephanie Plaster, Washington/Ozaukee County Extension Agriculture Agent
11:00 am	“Extension Beef Budgets & Benchmarks” - Bill Halfman, Monroe County Extension Agriculture Agent
11:45 am	Lunch
12:45 pm	“Crop Update” - Kevin Jarek, Outagamie County Extension Crops/Soils Agent
1:00 pm	“WI AgFA Farm Bench Program” - Jenny Vanderlin, UW Madison Center for Dairy Profitability
1:30 pm	“Dairy Policy / Farm Bill Update” - Dr. Mark Stephenson, UW Madison Center for Dairy Profitability
2:15 pm	“2018 Farm Building Collapse Update” - Dr. Dave Bohnhoff, UW-Madison Agriculture Structural Engineer
3:00 pm	Adjourn

Farm Management Update for Ag Professionals
Registration Form

Name(s): _____

E-Mail(s): _____

Business: _____
Address: _____
City: _____
Zip: _____
Phone: _____

Registration Fee: \$40 per person
Make check payable to: **Waupaca County**
Mail this registration form and check to:
Waupaca County UW-Extension
811 Harding Street
Waupaca, WI 54981
715-258-6231

Registration Deadline: Sept 7, 2018

An EEO/AA employer, University of Wisconsin-Extension provides equal opportunities in employment and programming, including Title VI, Title IX, and the Americans with Disabilities Act (ADA) requirements. Requests for reasonable accommodations for disabilities or limitations should be made prior to the date of the program or activity for which it is needed. Please do so as early as possible prior to the program or activity so that proper arrangements can be made. Requests are kept confidential.

