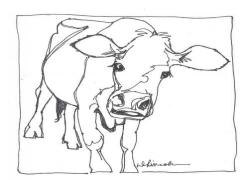


Oconto & Marinette County

Agriculture Newsletter



Oconto County Agriculture Agent

Sarah Mills-Lloyd (920) 834-6845 sarah.millslloyd@uwex.edu Fax: (920) 834-6853 Relay: 711 for Wisconsin

Marinette County Agriculture Agent

Scott Reuss (715) 732-7510 Toll Free: (877) 884-4408

scott.reuss@uwex.edu Fax: (715) 732-7532 Relay: 711 for Wisconsin

From the Desk of Oconto County Agriculture Agent Sarah Mills-Llovd

I am glad the ground has turned from an abundant color of white to green! The warmer temperatures have produced forage growth, despite it being a later alfalfa harvest from past years. The latest local alfalfa relative forage quality (RFQ) results are listed on page three.

Oconto and Marinette Counties will be hosting their respective Breakfast on the Farm events in June. Both informational flyers are included in this month's newsletter. Come and celebrate June Dairy Month and taste the products made from milk produced by farmers of Oconto and Marinette Counties!

Many teenagers look for jobs during the summer, and for many farms, extra help during the busy summer season is usually needed. A farm can be a great place for teenagers to work, but there are regulations related to youth operating tractors and machinery. A UW-Extension youth tractor and machinery safety training will be offered in July. Information and registration for this event can be found on page eight. If the listed times do not fit your schedule, Northeast Wisconsin Technical College will also be hosting farm machinery/tractor safety classes. To view their schedule, please look at page two.

As always, if you have questions about how I may be able to assist you and your farm, please do not hesitate to call my office (920) 834-6845.

Sarah Mills-Lloyd

Agriculture Agent—Specializing in Dairy and Livestock Oconto County UW-Extension Office

ir you will need	
accommodation or	Pag
assistance as you attend	Pag
any UW-Extension	Pag
sponsored event, please	Pag
contact the host county	Pag
office at least two days	Pag
prior to the event. All	Pag Pag
requests will be	Pag
confidential.	Pag

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CALENDAR OF LOCAL & REGIONAL EVENTS

June 9	Marinette	Bird Hike—Harmony Gardens
June 10	Suring	Oconto County Breakfast on the Farm
June 12	Sturgeon Bay	Summer Field Day: Grain Crop Management
June 13-14	Dubuque, IA	Four States Dairy Nutrition and Management Conference
June 21	Dubuque, IA	Iowa-Wisconsin Silage Conference
June 24	Peshtigo	Marinette County Breakfast on the Farm
July 10-12	Marshfield	Wisconsin Farm Technology Days—Wood County
July 11	Marinette	Astronomy at the Arboretum
July 21	Marinette	Ninth Annual Northern Lights Master Gardener Garden Walk
July 16, 18, 23 & 25	Coleman	UW-Extension 2018 Youth Tractor and Machinery Safety Training

WEEKLY HAY PRICE REPORT as of May 14, 2018

Currently hay demand and price reports can be found at: http://fyi.uwex.edu/forage/h-m-r

Hay Grade	Bale type		Price (\$/ton) -	
		Average	Minimum	Maximum
Prime (> 151 RFV/RFQ)	Small Square	\$253.00	\$180.00	\$330.00
	Large Square	\$225.00	\$150.00	\$300.00
	Large Round	\$170.00	\$150.00	\$180.00
Grade 1 (125 to 150 RFV/RFQ)	Small Square	\$197.00	\$155.00	\$280.00
	Large Square	\$168.00	\$120.00	\$235.00
	Large Round	\$147.00	\$59.00	\$205.00
Grade 2 (103 to 124 RFV/RFQ)	Small Square]	No Reported Sale	es
	Large Square	\$108.00	\$42.00	\$200.00
	Large Round	\$129.00	\$50.00	\$180.00
Grade 3 (87 to 102 RFV/RFQ)	Small Square		No Reported Sale	es
	Large Square	\$145.00	\$95.00	\$185.00
	Large Round	\$114.00	\$98.00	\$160.00

SUMMER 2018 FARM MACHINERY/ **GREEN BAY** Class #: 51607 Course Fee: \$85.02 TRACTOR SAFETY CLASSES Monday - Thursday June 18 - June 21 9 a.m. - 3 p.m. Green Bay Campus Date: Time: Location: Transportation Center Room 102 SPECIFIC COURSE INSTRUCTION This course will provide youth primarily under the age of 16, but not younger than 12, with AND OUTCOMES: Safe operation and maintenance of farm **SHAWANO** machinery including skid steers and tractors over 20 horsepower the necessary training and preparation to take the evaluation test. Students who successfully pass the test and proficiency skills Class #: 51608 Follow rules of the road for machinery Course Fee: Date: \$85.02 Mon-Tues-Thurs-Fri June 18 - June 21 Apply emergency first aid training evaluation will be granted a state certificate of completion. 9 a.m. - 3 p.m. Shawano Regional Learning Center Handle agriculture fires and extinguishers Time: Location: The state certificate will allow students who are at least 12 years old to work for their parents or guardians operating equipment and tractors on public roads. **LUXEMBURG** 51837 Class #: The federal certificate allow students 14 years of age to work for someone other than their parents in operating equipment Monday - Thursday Date: June 25 - June 28 9 a.m. - 3 p.m. Luxemburg Regional Northeast Time: Location: and tractors on public roads Students should have prior 2740 W MASON ST P O BOX 19042 GREEN BAY WI 54307-9042 Learning Center

Resources for Wisconsin Farmers

Wisconsin Farm Center

www.datcp.state.wi.us

Keyword search: Wisconsin Farmer Resource Guide or call (800) 942-2474 to visit with the knowledgeable staff who provide everything from financial consultation to animal health.

<u>UW-Extension Agriculture & Natural</u> Resources

http://anre.uwex.edu

Resources and links at your fingertips.

Farmer to Farmer

http://farmertofarmer.uwex.edu

Connects Wisconsin farmers with one another for the purpose of buying and/or selling corn and forage.

UW-Extension Dairy Resources

Dairy—http://fyi.uwex.edu/dairy/
Milk Quality—http://milkquality.wisc.edu
Dairy Calf & Heifer Management—
http://fyi.uwex.edu/heifermgmt/

UW-Extension Livestock

Livestock— http://anre.uwex.edu/teams/livestock/
Beef—http://anre.uwex.edu/teams/livestock/

Horse—http://fyi.uwex.edu/horse/
Poultry—http://fyi.uwex.edu/poultry/

Sheep/Goats—

http://fyi.uwex.edu/wisheepandgoat/

Swine— http://fyi.uwex.edu/swineextension/

Small Farm Resources—

http://fyi.uwex.edu/smallfarms/

Grazing— http://fyi.uwex.edu/grazres/

Youth Livestock-

http://fyi.uwex.edu/youthlivestock/

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EVENTS, DEADLINES AND NOTES

Upcoming Horticulture Programs

All events are free, unless noted.

Harmony Arboretum Programs: The following programs are all held at the Harmony Arboretum, within the Demonstration Gardens. Programs are held rain or shine as there is a pavilion. The entrance to the demonstration garden is located ½ mile south of Hwy 64 on Marinette County Hwy E, which is 7 miles west of Marinette, or about 10 miles east of Hwy 141.

Bird Hike (June 9, 6:00-8:00am)

Take a guided hike through the Harmony Hardwoods to learn about our native forest bird species. Field guides and some binoculars will be available. Dress for the weather, cancelled if inclement weather.

Astronomy at the Arboretum (July 11, 9:00-10:15pm)

Introduction to stars, constellations, star lore, and other space-related topics—includes a stargazing tour. Dress for the weather, hot beverages will be provided; if rain or mostly overcast, event will be cancelled.

Ninth Annual Garden Walk (July 21, 9:00am-4:00pm)

Northern Lights Master Gardeners sponsor this self-guided tour of local private and public gardens. For details visit the website. Adult tickets \$10 advance \$12 at the event, and children (7-12yr) \$5 and under 6 years free.

Alfalfa PEAO and RFO Results

Scott Reuss will be gathering data until alfalfa has been harvested. For the current local alfalfa PEAQ results either call the Marinette & Oconto County Scissors Clip Hotline (877) 884-4408 or (715) 732-7518, or email Scott Reuss (scott.reuss@ces.uwex.edu). For the most recent alfalfa scissor clip results log into the state-wide system: http://www.uwex.edu/ces/ag/scissorclip/.

	Beaver	Gillett	Grover	Lena A	Lena B	Noquebay	Oconto	Oconto Falls
RFQ—May 17, 2018	224	227	228	227	215	232	237	234
Maximum Height—May 17, 2018	19	20	19	19	21	18	18	18

Iowa-Wisconsin Silage Conference

Iowa State (ISU) Extension and UW-Extension will host the Iowa-Wisconsin Silage Conference on Thursday, June 21 in Dubuque, Iowa. The conference will feature presentations from both academic and industry experts who will speak on a wide variety of topics related to growing and using quality corn silage. ISU Extension presenters include Hugo Ramirez, Denise Schwab and Garland Dahlke, and UW-Extension presenters include Randy Shaver, Brian Luck and Bill Halfman.

Online registration and agenda are available for the conference at http://www.aep.iastate.edu/silage/. Cost for the event is \$50 if registering prior to midnight on June 14, and \$75 after that date. Registration includes lunch and refreshment breaks.

The June 21 conference begins with check-in and refreshments at 8:30 a.m., followed by the welcome at 9:30 a.m. It will take place at the Best Western Plus Dubuque Hotel and Conference Center (3100 Dodge Street, Dubuque). Group sessions will cover quality corn silage before, during and after harvest, characteristics of corn varieties for silage, molds and mycotoxins in silage and pricing corn silage. There will be concurrent sessions in the afternoon, with participants being able to choose between four distinct 30-minute conversations. The conference will conclude with presentations on machinery efficiency and corn silage safety before adjourning at 3:30 p.m.

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WHEN

June 12th, 2018 9am - 12pm

Should improving soil health be part of our pest management plan?

Jamie Patton

Senior Outreach Specialist, UW-Madison Nutrient and Pest Management Program

Developing a spray program to combat herbicide-resistant weeds

Dr. Rodrigo Werle

UW-Extension Cropping Systems Weed Scientist

Strip tillage and soybean management

Dr. Shawn Conley

UW-Extension Soybean and Small Grains Specialist

Fusarium head blight (scab) in wheat Annie Deutsch

UW-Extension Door County Agriculture Agent

WHERE

Brickner-Meikle Family Farm

7377 Sand Bay Rd., Sturgeon Bay, WI

FREE registration

CCA Credits Applied For

PLEASE RSVP BY JUNE 8

https://uwex.qualtrics.com/ fielddayregistration

Or call the Door County Extension Office

920-746-2260

Please contact us for special assistance regarding our programs at 920-388-7141. Requests are confidential. UW-Extension provides equal opportunities in employment and programming, including Title VII, IX, and ADA. Agriculture Newsletter Page 5

2018 Oconto County

Breakfast on the Farm

When: June 10, 2018

Time: 8:00 a.m. - 1:00 p.m.

Where: Sunrise Dairy

9101 State Hwy 32 Suring, WI 54174

Cost: Adults - \$8.00

Children (4-10) – \$4.00 Children 3 and under – FREE

Presale tickets available at:

Peshtigo National Bank: Coleman, Gillett and Oconto Falls branches N.E.W. Credit Union: Oconto, Oconto Falls and Suring branches Lena Fast Stop Suring Dollar Value Store

Sunrise Service at 7:00 a.m.

Menu:

All you can eat scrambled eggs with cheese and ham, pancakes, sausage, yogurt, apple slices, cheese, milk, orange juice, coffee, water, and ice cream sundaes.

Entertainment:

Pedal Pull Inflatable Bouncers
Wagon Farm Tour Antique Engine Demo
Ice Cream Making Demo Wagon Rides
Numerous Kid Activities Strolling Entertainment
Antique Tractor Display Petting Zoo
O'Harrow Trained Dogs Giant Sand Box
Chainsaw Artist Live Musio—Wilber Brothers

Addie the Cow

Contact Information:

Jordan Rank - (920) 598-0350 Bobbie Windus - (920) 604-1687



Sunrise Dairy—Hischke Family

Lane, Dan David, Nancy Erin, Ella, Ethan

Tucker, Elenore

Kayla, Aubrie, Elizabeth, Luke, Robin, Carter, Joe, Kalile



Directions to Farm:

No parking on State Hwy 32. One-way traffi on Williow Road and St. Johns Road during event. Follow traffic signs.

2017 Generous Donations Provided By:

Gold Meatski's Merrill Equipment Meyer Farm Equipment N-K-S Tire Sales & Service Oconto County Lumber Inc 24/7 Well & Pump Service Beaver Machine BelGioloso Cheese Inc Agropur AgBource Alsteen Farms LLC Badger Bouncers Badgerland Cattle Company ANIMART Burger King of Oconto Falls Chrysler World Inc Comins Construction CoVantage Credit Union Bobcat Plus Caroline Implement Buhrandt Farms Inc Casey Boye-Rural Mutual Insurance Zacey Boye-Rural Mutual Insurance Comette Farm Supplish The Insurance Country Visions Cooperative Dain-Ray Veterinary Service Forest Construction Company Herites Holds Construction Homedown Veterinary Clinic List 16498 84 (1984) Memoral Memoral 16498 85 (1984) Memoral Memoral 16498 85 (1984) Memoral Memoral Bazel Hoofrimming LLC Bucholz OI LLC C&L Contracting Inc Circle R Mink Ranch LLC Coleman United Cooperative Shipping Association Dairy Department Inc Electrical Service and Supplies Green Bay Dressed Beef Greenstone FCS Holiger Brothers Inc Landis Excavating Dimension Lumber Co Diversified Woodcrafts Inc Dufeck Livestock Trucking LLC Oconto County Health Mart Pharmacy Oconto Falls Sno Jokers Fritsch Equipment Corp Gliett Business Association Gruetzmacher Funeral Home Hischke Trucking Inc Conto County Dairy Riesterer & Schneil Springside Cheese Corp Peshtigo National Bank Peterson Ford Dan Risner & Son Excavating LLC Legacy Funeral Chapels Lena Mini & Modified Excavang LLC Deans Foods DeLaval Dairy Service Dennis Schroeder Trucking Dumke Sales & Service Equity Cooperative Livestock Sales Association Falls Family Restaurant Exempted Multifloo Com-Peterson Ford Pengs Services Quality Sandhiesting & Coating LLC Reinhart R-Store Gillett Seed Concepts Inc Splan Nutrition Consulting St. Louis Concrete Stephenom Nutrional Spain & Toet Lena Mini a Modified Tractor Pullers Magnin Landscape LLC Margie Daul State Farm MCS Distribution Inc Meunier's True Value Milis Fleet Farm N.E.W. Credit Union Notificity Concentius Vanderloop Equipment Waste Control Service Inc. HSHS St. Clare Memorial Hospital and Prevea Health Keller Inc Kaziovsky Dalry Equipment Inc Land O'Lakes Lena Snow Drifters Inc Maple Valley Mutual Insurance Co Stephenson National Bank & Trust Sunrise Dairy LLC Fermented Nutrition Corp Gendron's Inc Northstar Cooperative Nutrition Professionals Inc Genorous Inc Gerbers LLC Gillett Civic Club Gillett Lions Club Gillett Shell Graetz Manufacturing Inc Inside Ele Surrise Dairy LLC Suring Miling The Brothers Three-Oconto Tith Agronomy Group Inc Tim's Harvesting LLC United Cooperative United Plumbing & Health Mulins Cheese Nicolet Farms Inc Oconto Electric Cooperative Oconto Falls Lioness Club P&D Sales and Service LLC Peterson's Dairy LLC Ranks Northern Distribution Saputo Cheese Insight F8 Intensive Dairy Care Inc. Vine Vest North Inc Corp Insurance Wisconsin Building Supply Saputo Cheese Seneca Foods Corporation Suring FFA Alumni The Dairy Barn United True Value Valley Veterinary Clinic Witt's Piggly Wiggly Zeamen's Weiding LLC Intensive Dary Care Inc KBM Construction Inc Kohls Dairy Farm LLC Legacy Seeds Inc Lena Fast Stop Northwoods Sporting Goods WOCO Radio Yoap & Yoap Auction & Real Estate Zahn's Farms LLC Zeitler Agri-Center Inc

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New Smartphone App: Sporecaster, The Soybean White Mold Forecaster

Damon Smith, Field Crops Extension Pathologist, University of Wisconsin-Madison Roger Schmidt, Nutrient and Pest Management Program, University of Wisconsin-Madison Shawn Conley, Soybean Extension Agronomist, University of Wisconsin-Madison

Sporecaster is a new smartphone application designed to help farmers predict the need for a fungicide application to control white mold in soybean. The app, which is free to use, was developed with support from the Wisconsin Soybean Association and Wisconsin Soybean Marketing Board. It was programmed by personnel in the UW-Madison Nutrient and Pest Management Program.



Here are the links to get the free app.

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 purpose of the app is to assist farmers in making early season management decisions for white mold in soybean. The best time to spray fungicides for white mold is during flowering (R1 and R3 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.

Sporecaster uses university research to turn a few simple taps on a smartphone screen into an instant forecast of the risk of apothecia being present in a soybean field, which helps growers predict the best timing for white mold treatment during the flowering period.

University research has indicated that the appearance of apothecia can be predicted using weather data and a threshold of percent soybean canopy row closure in a field. Based on these predictions and crop phenology, site-specific risk values are generated for three scenarios (non-irrigated soybeans, soybeans planted on 15" row-spacing and irrigated, or soybeans planted on 30" row-spacing and irrigated). Though not specifically tested we would expect row-spacings of 22 inches or less to have a similar probability response to fungicide as the 15 inch row-spacing.

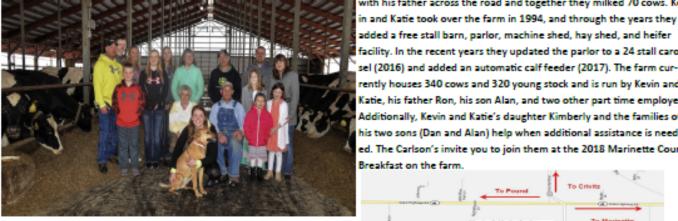
The Sclerotinia apothecial models that underlie the Sporecaster prediction tool have undergone significant validation in both small test plots and in commercial production fields. In 2017, efficacy trials were conducted at agricultural research stations in Iowa, Michigan, and Wisconsin to identify fungicide application programs and thresholds for model implementation. Additionally, apothecial scouting and disease monitoring were conducted in a total of 60 commercial farmer fields in Michigan, Nebraska, and Wisconsin between 2016 and 2017 to evaluate model accuracy across the growing region. Across all irrigated and non-irrigated locations predictions during the soybean flowering period (R1 to early R4 growth stages) were found to explain end-of-season disease observations with an accuracy of 81.8% using the established probability thresholds now programmed in the app.

For more information on this app or tutorials, please visit: http://ipcm.wisc.edu/blog/2018/05/new-smartphone-app-sporecaster-the-soybean-white-mold-forecaster/.

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Marinette County Breakfast on the Farm

Sunday, June 24, 2018 7:30 a.m. to 12:00 p.m.



Pancakes, eggs, sausages, cheese curds, maple syrup, applesauce, milk, juice, coffee, ice cream sundaes

Petting zoo, Moo-Mania comedy show, kiddle tractor pull, face painting, balloons, kids bouncy play area, viewing of barns & cattle, wagon rides, music (No advanced ticket sales)

Adults - \$7.00 / Children 6-10 -\$4.00 Children 5 yrs & under — FREE Like us on Facebook — Marinette County Breakfast on the Farm & Marinette County Dairy Promotions WI

Thank you to the following businesses for Kotecki Veterinary Service supporting the 2017 Breakfast on the Farm in money or in kind donations:

Platinum-\$1,000 or more

Abts Bou-Matic

Alternative Animal Bedding

Country Visions Cooperative

Dan Risner & Son Excavating

Dennis Schroeder

Eric Schroeder

Greenstone Farm Credit

Golden Ridge Dairy LLC

KBM Construction

Larsen Cooperative

Patz Corporation

Riesterer & Schnell Inc.

Schroeder Trucking

Gold-\$500-\$999 A&C Sawdust

Beaver Brook Maple Syrup

Beaver Machine Inc.

BMO Harris Bank

Cornette Farm Supply & Vita Plus

Crivitz Redi-Mix

Elanco Animal Health

Eric Stank Trucking

Genex Co-op, Jeff Jahnke Jeff Fischer

Hoppe Dairy

Hosking Electrical Services

Investors Community Bank

Kotecki Veterinary Service Marinette Co Farm Bureau

Marinette Co Holstein Assoc

Pelkins Piggly Wiggly

Wisconsin Public Service

Witts Piggly Wiggly & Ace Hardware

Silver-\$250-499

Bender Dairy Innovations

Biehl Construction

Dair-Ray Vet Service

Dairyman's Advantage LLC

Graef Transport Inc

Great Lakes Foods

Kaufman Farms

Kozlovsky Dairy Equipment, Inc.

Meatski's

Merrill Equipment

Oconto Electric Cooperative

Peshtigo Times/Times Saver

Peshtigo Feed Mill

Swiderski Equipment

Twenty-Four Seven

Westland Bus

Balchem Corporation

Feed Components

Foxland Harvestore/Valley Bldg System

Keith & Nancy Hartwig

Kevin J Pepin, D, D.S., S.C.

Mt. Morris Mutual Ins & Turner Gross

N-K-S Tire Sales & Service

P&D Sales and Service

Patz Maple & Honey Farms

Peshtigo National Bank

Peters Concrete Co

Bayland Buildings Inc

Belgioloso Cheese Inc

Burger King of Mari

Chrysler World Circle R Mink Rench

Coleman Pound Lioness Club man United Coop Shipping Assoc

tryside Veterinary Clinic LLC

Dairy Department Inc

Delryland Seed Co Inc

Dan Bleber Equipment LLC

Dufeck Livestock Trucking UC

Dumke Bros.

Erik's Garden Center Fermers & Merchants Bank & Trust

Frank's Logging

Fritch Equipment LLC

Furst-Moness Co

Greetz Mfg.

Gusick's Ace Hardware HJ. Dudklewicz & Sons, Inc.

Holds Construction Holley's Harvest

Ideal Tent & Party

Infinity Feeds, LLC

Jakes Jumps

Jakes Sales & Service Katies Subs

Lee's Family Foods

Menza & Zak Heating & Cooling

Midwest Sidewalls North Tech Plumbing

North Woods Flooring

Oconto County Lumber, Inc.

Paul's Portable

Petals N Roots Gr Pomps Tire

Rymer Heating LLC

Seed Concepts

St. Louis Concrete Stephenson National Bank & Trust

Terry & Donna Reed

United Cooperative Wisconsin Building Supply

Breakfast on the farm. REARFAST ON THE FARM Questions Contact Corey Kuchta @ 920-960-4182

PLEASE JOIN US FOR BREAKFAST ON THE FARM!

Kevin is a 3rd generation owner of Carlson Farm. He began milking on

rently houses 340 cows and 320 young stock and is run by Kevin and Katie, his father Ron, his son Alan, and two other part time employees. Additionally, Kevin and Katie's daughter Kimberly and the families of his two sons (Dan and Alan) help when additional assistance is needed. The Carlson's invite you to join them at the 2018 Marinette County

his grandfather's farm in 1981 with 13 cows. In 1984 he partnered with his father across the road and together they milked 70 cows. Kevin and Katie took over the farm in 1994, and through the years they added a free stall barn, parlor, machine shed, hay shed, and heifer facility. In the recent years they updated the parlor to a 24 stall carou-

Pomps Tire **Precision Carts** Rhodes-Charapata Funeral Home Rural Mutual Insurance & Mel Gross Saputo Cheese, USA Scheffen Electric Seefeldt Farms Servoo FS Springside Cheese Corp. Strutz Farms Trega Foods **UW-Extension Marinette County** Vanderloop Equipment Wagner Sugar Hill Wagner-Casper Ins. Agency WI-MI Insurance Agency Zeitler Agri-Center, Inc. Bronze-\$100-249 Advanced Dispose Agropur Inc Airgas Aladdin Fire Protection LLC Aisteen Dairy Alternative Animal Bedd American Foods Group Animal Health Clinic

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2018 Youth Tractor and Machinery Safety Training

Pound Town Hall – Coleman, WI Mondays & Wednesdays, July 16, 18, 23, and 25 Makeup days will be scheduled if needed.

Cost: \$35/person 9 am 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. <u>Wednesday</u>, <u>July 25 is testing day and all participants MUST be in</u> <u>attendance</u>.
- 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 (877) 884-4408 if you have any questions, or you can e-mail to scott.reuss@ces.uwex.edu.

	Registration Form - Tractor & Machinery Safety Tr	raining - Please print
Name(s):		Age(s):
Mailing Address:		
City:	Zip code:	

Please complete this form and mail to the following address by <u>July 13</u>, 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 Agriculture Newsletter Page 9

Dairy Situation and Outlook May 18, 2018

By Bob Cropp, Professor Emeritus University of Wisconsin Cooperative Extension University of Wisconsin-Madison

The outlook for milk prices continues to improve. May is experiencing increases in dairy product prices. If these dairy product prices can hold, average May prices compared to April on the CME could average about 4 cents per pound higher for butter, about 14 cents for cheddar barrels, 4 cents for 40-pound cheddar blocks, 8 cents for nonfat dry milk, and 3 cents dry whey. As a result the May Class III price would be near \$15.25 compared to \$14.47 in April the low of \$13.40 back in February. The May Class IV price would be near \$14.45 compared to \$13.48 in April and the low of \$12.87 back in February.

Good domestic sales and dairy exports have improved the dairy stock situation and adding strength to the dairy product prices. Compared to a year earlier March 31st stocks of butter was just 0.4% higher with American cheese slightly lower at 0.4%, but other than American cheese stocks were 14.2% higher bringing total cheese stocks 5.2% higher. The strength in nonfat dry milk prices is surprising since stocks were still 20.9% higher than a year ago. Dry whey stocks which have been relatively high were 3.5% lower than a year ago.

The price of butter, cheese, nonfat dry milk and dry whey remain lower than and competitive with world market prices. U.S. dairy exports set a record high in March on a total volume basis surpassing the previous record high set in March 2014. Compared to March a year ago butterfat exports were 180% higher, cheese 9% higher, nonfat dry milk/skim milk powder 38% higher and dry whey 19% higher. March exports as a percent of milk production on a total solids basis was 17.3% compared to 14.1% a year ago. The outlook for dairy exports appears positive for the immediate months ahead.

Milk prices will continue to strengthen and possibility topping out in October or November. The degree of strength will continue to depend upon the level of milk production and dairy exports. The summer weather, quality of forages harvested and the condition of the corn and soybean crop that will impact feed costs will have a bearing on milk production this summer, fall and into winter.

USDA's report for April milk production was positive for milk prices. Compared to April a year ago milk production was just 0.6% higher. Milk cow numbers declined slightly, down 2,000 head from March, the second consecutive monthly decline. April milk cow numbers were just 8,000 head or 0.1% higher than a year ago. The April increase in milk per cow continues to increase much less than the normal trend being just 0.5% higher.

April milk production was lower than a year ago in major dairy states. Decreases were: New York -2.4%, Pennsylvania -1.7%, Michigan -1.4%, Minnesota -2.2% and Wisconsin -0.6%. There was relatively small increases in California +0.4%, Arizona +1.1%, Iowa +1.6% and South Dakota +1.8%. Relatively strong increases occurred in Idaho +3.5%, Texas +7.0%, Colorado +9.9%, Kansas +5.1% and Utah +5.5%.

It now looks like the Class III price could reach near \$16 in June and the mid to high \$16's by July and for the remainder of the year. The average for the year could end up near \$15.60 compared to \$16.17 last year. The Class IV price could be in the low \$15's in June and then in the mid to high \$15's the remainder of the year even reaching \$16 by October averaging near \$14.70 compared to \$15.16 last year. Dairy margins (returns over feed cost) will improve but the improvement is now being dampen some by higher feed prices.

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