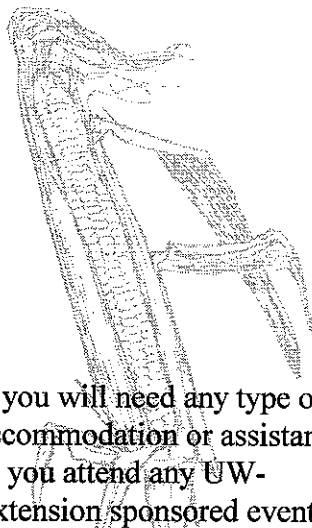




Marinette County

Courthouse
1926 Hall Avenue
Marinette, WI 54143
Phone: 715-732-7510



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

Scott Reuss
715-732-7510
1-877-884-4408
cell 715-923-0807
scott.reuss@ces.uwex.edu

Sarah Mills-Lloyd
920-834-6845
sarah.mills-lloyd@co.oconto.wi.us

An EEO/Affirmative Action Employer, University of Wisconsin-Extension provides equal opportunities in employment and programming, including Title IX and ADA requirements.

November, 2014 Newsletter

What a surprise, as I write this, it is windy and wet out the window. I've walked a good number of corn fields this fall helping get good yield estimates for producer to producer sales of HMC, snaplage, or silage. I've had to walk through running water, wish I had hip boots on once or twice crossing drainage areas, and I've always ending up weighing more by the time I get done traipsing through muddy areas. That said, call me if you want to review pricing of standing corn, or if you want assistance in formulating good yield estimates and values.

To say the least, it has been a challenge this year as we've tried to get corn silage harvested, soybeans harvested (before they get hailed on - as that hail storm truly did wipe out a fair number of fields, unfortunately), and now attempting to get corn done. By the end of this week, we're forecasted to have highs not much above freezing. If that's the case, I guess I hope we freeze before we get snow - or it will get even uglier, as you all know way too well.

Scott Reuss

Newsletter Table of Contents

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Page 9	Ag Grant Programs' Brochure
Page 10	Farm Bureau Farm Succession workshop brochure
Page 11	Pest Management Update brochure - Kimberly site
Page 12	Holstein Assoc. Meeting, Impl. Of Husbandry meetings

Calendar of Events

Fri., Nov. 7	9:30	Crivitz	IOH Rules workshop
Wed., Nov. 12	1 pm	Lena TH	IOH Rules workshop
	7 pm	Pound TH	FSA programs workshop
	day	Shawano	Ag Grant writing workshop
Sun., Nov. 16	7 pm	Kelly Lk.	Holstein Assoc. Annual meeting
Tues., Nov. 18		Kimberly	Pest Mgmt. Update
Wed., Nov. 19	7 pm	Gillett	FSA programs workshop
Mon., Dec. 1	7 pm	Beaver	Marinette Youth Livestock Cmte.
Thurs., Dec. 4		Ripon	Area Soybean Conference
Mon., Dec. 8	7 pm	Gillett	IOH Rules workshop
Wed., Dec. 10		Cecil	Soil, Water & Nutrient Mgmt. Meetings
Fri., Dec. 12	1 pm	Lena Vill	FSA programs workshop
Tues., Dec. 16	6:30 pm	Oc. Falls	Land Renting Workshop

2014 SOIL, WATER AND NUTRIENT MANAGEMENT MEETING

The Department of Soil Science, in conjunction with University of Wisconsin-Extension, will conduct a Soil, Water, and Nutrient Management Meeting at The Main Event, 206 N Lemke St, Cecil, WI on December 10th, 2014. The meeting will begin at 10 am and end at 3 pm. The \$40 registration fee includes lunch from 12 noon to 1 pm and informational materials. A total of 4 CEUs will be provided (2 CEUs in Soil & Water Management and 2 CEUs in Nutrient Management). Payment must be received by December 3rd, 2014 to Shawano County UW-Extension Office.

2014 Discussion Topics

- Improving alfalfa productivity with sulfur – **and** – Update on nitrogen sensors for corn and wheat (Carrie Laboski)
- Precision ag technologies for soil conservation and variable rate practices (Brian Luck)
- 2014 cover crop research update – **and** – Understanding biological measures of soil health (Matt Ruark)
- Using soil health concepts for management decisions –**and**- Understanding corn residue decomposition (Francisco Arriaga)
- Nutrient management update (Wis. DATCP Staff)
- Prioritizing water quality improvement efforts on agricultural lands using EVAAL tool (Erosion Vulnerability Assessment for Agricultural Lands) (Theresa Nelson)

This event will be held at The Main Event, 206 North Lemke Street, Cecil, WI. Please send in your meeting reservation (use clip sheet below) with payment of \$40 per person by December 3rd to Shawano County University Extension, Room 101 Courthouse, 311 North Main Street. Please plan to arrive by 9:30 am for registration. The meeting will start promptly at 10 am. Lunch will be a chicken buffet with all the trimmings (potatoes, dressing, vegetable, dinner rolls, coffee, milk or water). For more information contact Jamie Patton, Shawano County UW-Extension at 715-526-6136 or jamie.patton@ces.uwex.edu.

REGISTRATION FORM

2014 SOIL, WATER AND NUTRIENT MANAGEMENT UPDATE MEETING
The Main Event, 206 N Lemke Street, Cecil - December 10TH

PREPAYMENT IS REQUIRED BY December 3rd, 2014

Name(s) _____

Business Address _____

Phone _____ Email _____

Number attending _____ @ \$40.00 each = \$ _____

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

2014 AREA SOYBEAN CONFERENCES

Registration — Visit with Exhibitors, Coffee, milk, rolls in Exhibit Area

9:00 AM

Welcome — Shawn Conley UWEX Soybean Specialist

9:25 AM

"PLC or ARC? Farm Bill Program Sign-up and Decision Aids" — Dr. Paul Mitchell, UWEX Ag Economist

9:30 AM

County Agent Update — Nick Baker, Mike Rankin, Jerry Clark

10:00 AM

Soybean Diseases of 2014 — What we learned for 2015, Dr. Damon Smith, UWEX Plant Pathologist

10:30 AM

Irrigation and Soil and Water Management — John Panuska, UWEX

11:10 AM

What's New in Seed, Crop Protection, and Inoculants — various industry reps

11:50 AM

Lunch — Exhibits open and speakers available for questions

12:00 PM

Wisconsin Soybean Association News — Bob Karls, WSA/WSMB Executive Director

12:50 PM

Marketing Hints for 2015 — Brian Doherty, John Heinberg (Eau Claire) — Stewart Peterson Group, Inc. (FDL)

1:00 PM

Managing Inputs for 2015 — Dr. Shaun Conley, UWEX Soybean Specialist

1:45 PM

Conference Adjourns

2:30 PM

CCA credits in crop management (2.0 hour), soil and water (0.5 hr) and pest management (0.5 hr) have been requested.

MEETING LOCATIONS

Tuesday, December 2- Janesville
Janesville Holiday Inn
3100 Wellington Pl
Janesville, WI
(608) 756-3100

Wednesday, December 3- Eau Claire
Sleep Inn Suites and Conference Center
5872 33rd Ave
Eau Claire, WI
(715) 874-2900

Thursday, December 4 - Ripon
Royal Ridges
1 Westgate Dr
Ripon, WI
(920) 748-5500

REGISTRATION FORM

Conference fee is \$30.00 per person or \$15.00 for Wisconsin Soybean Association Members. This includes coffee and rolls lunch, and a copy of all information.

Pre-registration is advised to assure seating at the noon lunch. Attendance is limited to the first 100 registrants at each location.

Name(s)

Address

City, State, Zip

Phone

Member of Wisconsin Soybean Association

☐ YES ☐ NO

Amount enclosed

number of WSA members x \$15.00 =

number of non-members x \$30.00 =

number of WSA memberships

1-year membership x \$100.00 =

3-year membership x \$175.00 =

Total enclosed = \$

Make check payable to: Wisconsin Soybean Association.
Indicate the conference location you will attend and return the form by November 25 to the Extension office hosting that conference.

☐ Tuesday, December 2

Janesville

Rock County UW-Extension

51 S. Main Street

Janesville, WI 53545-3978

PH: (608) 757-5696

FAX: (608) 757-5581

☐ Wednesday, December 3

Eau Claire

UW-Extension - Eau Claire

227 1st St. W

Altona, WI 54720

PH: (715) 839-4712

FAX: (715) 839-6277

☐ Thursday, December 4

Ripon

UW Extension - Fond du Lac County

Rm. 227 Administration/Extension Bldg.

UW-Fond du Lac, 400 University Dr.

Fond du Lac, WI 54935

PH: (920) 929-3171

FAX: (920) 929-3181

Farm Service Agency Crop Program Information Meetings

Date	Time	Place
November 12, 2014	7:00 PM	Town of Pound Hall, W8484 County Road B, Coleman, WI
November 19, 2014	7:00 PM	Gillett Area Ambulance Building, 225 West Park Street, Gillett, WI
December 12, 2014	1:00 PM	Village of Lena, Village Hall, 117 E. Main Street Lena, WI

Please call the Oconto-Marinette Farm Service Agency Office 3 days in advance to Pre-Register for the meeting you are planning to attend (920) 834-2366 Ext. 2. This will allow us to have information for your farm operation available for you.

The first two sessions will be concentrating on the acre and yield updating portion of the crop programs for the new farm bill. The December 12 session (and more sessions to follow in January & February) will review that, but also get into the decision-making process that all crop producers need to make regarding which program to sign their acres into – PLC or ARC.

Farmland Rental Options Workshop

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

The session is free and will be held on Tuesday, December 16, starting at 6:30 p.m., at the Oconto Falls Community Library, located at 251 N. Main St. (Hwy. 22). Discussion will focus on the details that you should consider when negotiating a farm rental contract. Such details certainly include price, but other factors such as length of lease, any limitations you may place on the property, and many other aspects can all be negotiated into the contract. There are also many different leasing options available and Reuss will detail some of the advantages and disadvantages of different types of annual or multi-year leasing contracts.

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

There is no fee for attending this program, nor is pre-registration required. If you have questions about these topics, contact Scott Reuss in the Marinette County office at 715-732-7510 or via e-mail at scott.reuss@ces.uwex.edu or contact Sarah Mills-Lloyd in the Oconto office at 920-834-6845. Another good source of farmland leasing information is found at <http://www.aglease101.org/>

Economic Risk and Profitability of Soybean Seed Treatments at Reduced Seeding Rates

Adam P Gaspar, Shawn P Conley and John Gaska,
Department of Agronomy and Paul Mitchell,
Department of Agricultural and Applied Economics,
University of Wisconsin-Madison



The graduate fellowship for this project was sponsored by Syngenta Crop Protection.

Introduction

Earlier soybean planting coupled with increasing seed costs and higher commodity prices have led to a surge in the number of acres planted with seed treatments (Esker and Conley, 2012). Furthermore, the components and relative cost of various soybean seed treatments has broadened greatly. Recent studies have suggested that growers should consider lowering seeding rates to increase their return on investment (De Bruin and Pedersen, 2008; Epler and Staggenborg, 2008). This recommendation is attributed to the soybean plant's potential compensatory ability at lower plant populations. Ultimately, growers would like to know the value proposition of combining seed treatments with lowered seeding rates. Therefore, the objectives of this study were to:

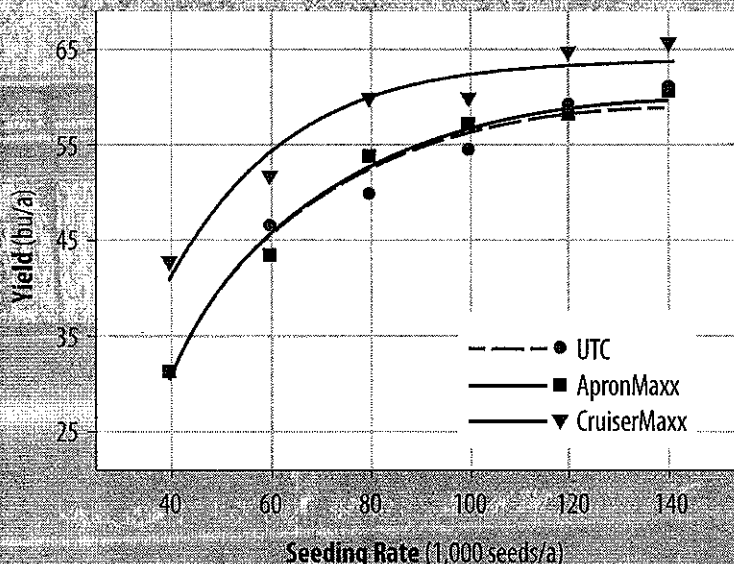
- Quantify the effects of seed treatments and seeding rates on soybean yield.
- Assess the economic risk and profitability of seed treatments and seeding rates, including calculating economically optimal seeding rate (EOSR) for each seed treatment.

ApronMaxx RFC and CruiserMaxx (Syngenta Crop Protection) seed treatments were used to achieve these objectives because they differ in their components and relative cost per unit. This study was conducted in 2012 and 2013 at nine Wisconsin locations. All locations were planted in 15 inch rows within the first 3 weeks of May.

Effects on Soybean Yield

When pooled over all seed treatments, the highest seeding rate (140,000 seeds/a) yielded 64 bu/a, which was significantly higher than all other seeding rates, except 120,000 seeds/a. ApronMaxx showed no improvements in yield at any seeding rate compared to the untreated control (UTC), while CruiserMaxx provided increased yields at all seeding rates (Figure 1). CruiserMaxx showed a trend of larger yield increases as the seeding rate was lowered. We observed a 4% and 12% yield increase at 140,000 and 40,000 seeds/a, respectively, over ApronMaxx and the UTC (Figure 1).

Figure 1. Yield (bu/a) of the three seed treatments across all seeding rates.





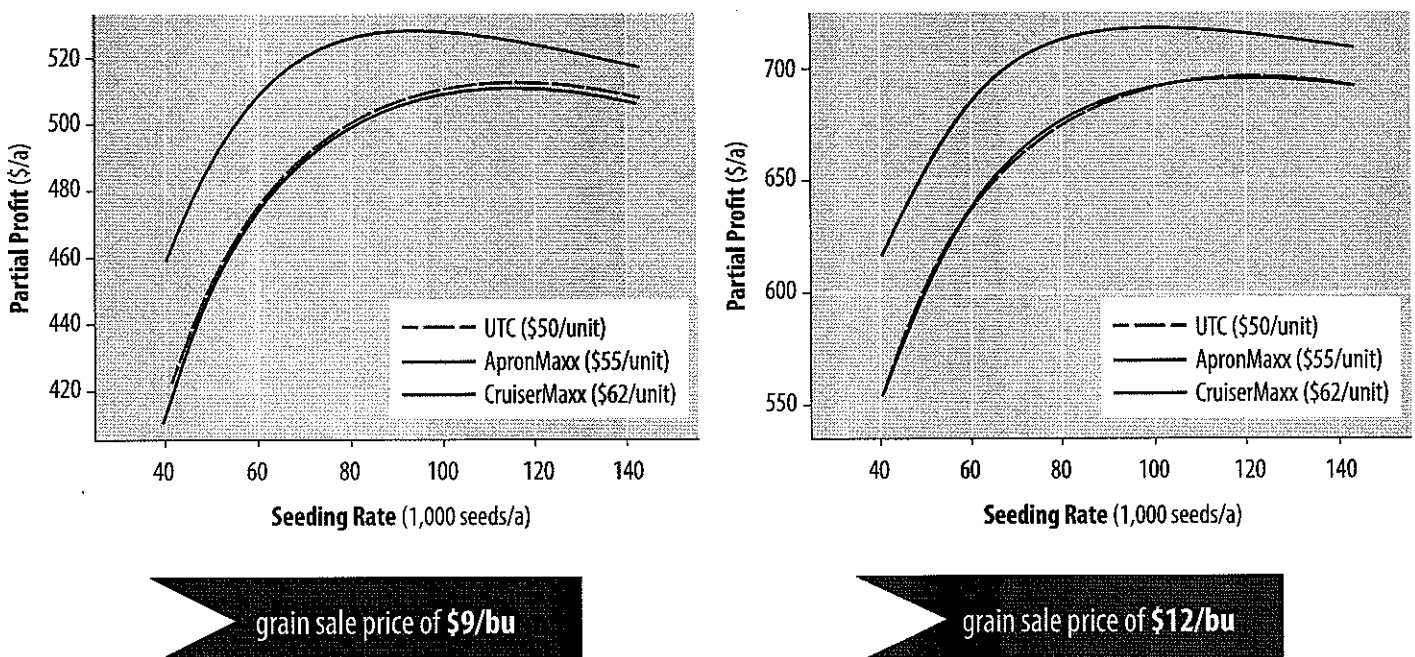
Profitability and Economic Risk

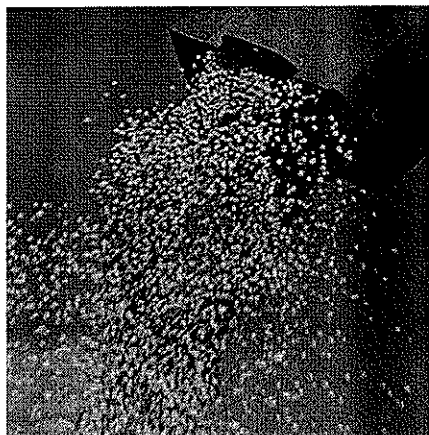
Partial profit was calculated as follows: (Yield x Grain Sale Price) – (Seed + Seed treatment cost). CruiserMaxx increased profit at each grain sale price and across all seeding rates compared to ApronMaxx and the UTC (Figure 2). Again, no differences were observed between ApronMaxx and the UTC (Figure 2). The economically optimal seeding rates (EOSR), or the high point on the profit curves, for the three seed treatments and two grain sale prices are displayed at the bottom of Tables 1 and 2.

Economic risk was applied to the profit curves (Figure 2), where risk is measured as the break even probability (the probability of breaking even relative to the base case of UTC at 140,000 seeds/a), and displayed in Tables 1 and 2 for soybean grain sale prices of \$9 and \$12/bu, respectively. For example, in Table 1, CruiserMaxx at 140,000 seeds/a had a 0.71 (71% chance) probability of increasing profit over the base case and on average for all outcomes (all environments), increased profit by \$10/a. In addition, an average \$18/a increase was observed for the positive outcomes and an average \$11/a decrease for negative outcomes. The positive outcomes column represents responsive environments while the negative outcomes column represents non-responsive environments.

At a grain sale price of \$9/bu (Table 1), ApronMaxx and the UTC obtained break-even probabilities >0.50 at seeding rates of 100,000 and 120,000 seeds/a. However, the average profit increases for all outcomes was minimal (<\$3/a). At this grain sale price, UTC at 120,000 seeds/a had the lowest risk (0.91) of any treatment combination in Table 1, but again provided a relatively low average profit increase for all outcomes (\$3/a). Using seeding rates below 100,000 seeds/a was very risky for ApronMaxx and the UTC; showing break-even probabilities <0.50 and negative average profit increase for all outcomes. CruiserMaxx produced break-even probabilities >0.50 for all seeding rates except at 40,000 seeds/a and the average profit increase for all outcomes was >\$17/a at seeding rate between 80,000 and 120,000 seeds/a. Furthermore, the lowest risk (0.89) and largest average profit increase for all outcomes (\$20/a) with CruiserMaxx was at its EOSR (94,000 seeds/a).

Figure 2. Partial profit per acre of the three seed treatments across all seeding rates.





When the grain sale price was increased to \$12/bu (Table 2), ApronMaxx and the UTC required higher seeding rates (>120,000 seeds/a) to achieve break-even probabilities >0.50. Furthermore, we again saw trivial average profit increases for all outcomes (<\$2/a) with ApronMaxx and the UTC. The lowest risk ApronMaxx treatment combination (0.52) was at its EOSR. However, this only attained a \$1/a average profit increase for all outcomes and a wide range of possibilities existed when accounting for the average positive (\$19/a) and negative (-\$18/a) outcomes. CruiserMaxx showed relatively high break-even probabilities (>0.76) for seeding rates between 80,000 and 140,000 seeds/a, with the lowest risk (0.87) and largest average profit increase for all outcomes (\$25/a) at its EOSR (100,500 seeds/a).

grain sale price of \$9/bu

Table 1. Seeding rate by seed treatment economic risk table for all locations with a grain sale price of \$9/bu.

Treatment combination ¹		Break-even probability ²	Average profit increase over base case ³		
Seed treatment	Seeding rate (seeds/acre)		Positive outcomes	All outcomes	Negative outcomes
			(\$/acre)		
UTC	120,000	0.91	3	3	-2
	100,000	0.69	5	2	-5
	80,000	0.26	4	-8	-12
	60,000	0.01	2	-34	-34
	40,000	0.00	na ⁴	-94	-94
ApronMaxx	140,000	0.46	14	-2	-15
	120,000	0.54	15	2	-13
	100,000	0.51	14	1	-13
	80,000	0.28	10	-9	-17
	60,000	0.02	6	-36	-37
	40,000	0.00	na	-98	-98
CruiserMaxx	140,000	0.71	18	10	-11
	120,000	0.83	21	16	-9
	100,000	0.89	23	20	-8
	80,000	0.86	21	17	-8
	60,000	0.51	14	0	-15
	40,000	0.01	5	-51	-52
ECONOMICALLY OPTIMAL SEEDING RATES (EOSR)					
UTC	111,500	0.84	4	3	-3
ApronMaxx	111,000	0.54	14	2	-13
CruiserMaxx	94,000	0.89	23	20	-8

¹Treatment combination includes all possible seed treatment and seeding rate combinations for comparison to the base case.

²Break-even probability is the probability a treatment combination will at least provide the same profit/acre as the base case.

³Base case is untreated seed at 140,000 seeds/acre.

⁴na, no outcomes are possible.

Table 2. Seeding rate by seed treatment economic risk table for all locations with a grain sale price of \$12/bu.

Treatment combination ¹		Break-even probability ²	Average profit increase over base case ³		
Seed treatment	Seeding rate		Positive outcomes	All outcomes	Negative outcomes
	(seeds/acre)				(\$/acre)
UTC	120,000	0.77	3	2	-3
	100,000	0.44	4	-2	-7
	80,000	0.08	3	-17	-19
	60,000	0.00	1	-55	-55
	40,000	0.00	na	-138	-138
ApronMaxx	140,000	0.49	19	-1	-20
	120,000	0.52	19	1	18
	100,000	0.44	17	-3	-19
	80,000	0.20	13	-18	-26
	60,000	0.01	8	-57	-57
	40,000	0.00	na	-142	-142
CruiserMaxx	140,000	0.76	27	17	-14
	120,000	0.84	29	23	-12
	100,000	0.87	30	25	-11
	80,000	0.80	26	18	-12
	60,000	0.38	16	-8	-22
	40,000	0.00	6	-79	-79
ECONOMICALLY OPTIMAL SEEDING RATES (EOSR)					
UTC	119,500	0.76	3	2	-3
ApronMaxx	119,000	0.52	19	1	-18
CruiserMaxx	100,500	0.87	30	25	-11

¹Treatment combination includes all possible seed treatment and seeding rate combinations for comparison to the base case.

²Break-even probability is the probability a treatment combination will at least provide the same profit/acre as the base case.

³Base case is untreated seed at 140,000 seeds/acre.

na: no outcomes are possible.

¹Treatment combination includes all possible seed treatment and seeding rate combinations for comparison to the base case.

²Break-even probability is the probability a treatment combination will at least provide the same profit/acre as the base case.

³Base case is untreated seed at 140,000 seeds/acre.

⁴na: no outcomes are possible.

References

De Bruijn, J.L. and P. Pedersen. 2008. Soybean seed yield response to planting date and seeding rate in the upper Midwest. *Agron. J.* 100: 696-703.

Epler, M. and S. Staggenborg. 2008. Soybean yield and yield component response to plant density in narrow row systems. *Online. Crop Management* doi:10.1094/CM-2008-0925-01-RS.

Esker, P. and S.P. Conley. 2012. Probability of yield response and breaking even for soybean seed treatments. *Crop Sci.* 52:351-359.

Conclusion & Recommendations

Our study found differences in yield, profitability and economic risk due to seed treatment and seeding rate. Growers should account for their expected grain sale price and seed treatment use when determining their seeding rate and additionally, the components of the seed treatment should be considered. We found that reducing seeding rates when using no seed treatment or a fungicide only seed treatment (ApronMaxx) may be too risky and provided minimal profit gains. In contrast, this study also showed that a fungicide/insecticide seed treatment (CruiserMaxx) reduced economic risk and increased profit across an array of environments, seeding rates (80,000–140,000 seeds/a), and grain sale prices (\$9/bu and \$12/bu). Furthermore, to realize the lowest risk and highest profit increase with CruiserMaxx, producers should consider lowering their seeding rates to the EOSR according to their expected grain sale price. The EOSR for CruiserMaxx ranged from 94,000 to 101,000 seeds/a and was on average, 16% (18,000 seeds/a) less than ApronMaxx and the UTC across grain sale prices of \$9/bu and \$12/bu.

**Successfully Applying to Agricultural Grant
Programs - November 12th - Shawano**

**Successfully Applying to Agricultural Grant Programs
Wednesday, November 12th—Angie's Main Cafe, Shawano**

Name: _____

Farm: _____

Address: _____

City: _____

State: _____ Zip: _____

Phone: _____

Email: _____

_____ I would like to request a vegetarian lunch.

\$15 for each person: _____

Please make checks payable to:
UW-Extension Shawano County

Mail to:

**UW-Extension Shawano County
311 North Main Street
Shawano, WI 54166**

Questions?? Contact:
Jamie Patton

9:00 AM Registration

9:30 AM Welcome — Andrew Bernhardt, UW-Extension/SARE
(Participants are invited to give a brief introduction to their projects)

10:00 AM Project design, identifying funding sources and grant-writing basics
— Margaret Krome, Michael Fields Agricultural Institute

12:00 PM Lunch Program — Perspective from a grant recipient
"How I applied for and used a grant in my agriculture business"

1:00 PM Grant Programs Highlight Panel

- WI DATCP Buy Local, Buy Wisconsin — Teresa Engel
- USDA Specialty Crop Block Grant — Juli Spek
- USDA Value Added Producer Grant — Mike Daniels
- USDA SARE Farmer and Rancher Grant — Andrew Bernhardt

1:45 PM Hands-on Grant Proposal Evaluation & Development

- Review and evaluate an actual proposal in groups

2:45 PM Additional Financial Options Panel

- Farm Service Agency — Farm loans & micro-loan program
- Natural Resources Conservation Service — Cost share programs
- Farm Credit System Bank (GreenStone Farm Credit) — Loan programs
- WI DATCP — *Got Moo-la Business Resource Guide* — Carl Rainey

3:30 PM Network and meet with grant representatives

4:00 PM Adjourn

PARTNERS: Michael Fields Agricultural Institute — USDA, Rural Development — USDA, SARE — UW-Cooperative
Extension — WI Department of Agriculture, Trade and Consumer Protection

To ensure equal access, please make requests for reasonable accommodations as soon as possible prior to the scheduled program, service or activity. If you need this material in another format, please contact the program coordinator.

IS RETIREMENT IN YOUR FUTURE?

Do you have questions about the future of your farm and the estate you leave behind?

Please join us for a Farm Succession and Estate Planning seminar on Wednesday, January 14th, 2015 from 10:30 a.m. to 2:00 p.m. at Romy's Holiday Inn, Kelly Lake. We will have three presenters: Rick Bollenbeck—an attorney who specializes in estate planning, Jared Nelson—Sr. Regional Financial Consultant from Farm Bureau Life Insurance, and Sarah Mills-Lloyd – Oconto UW Extension Agent.

Attendees will discuss viable solutions to business and estate succession issues many Wisconsin farm families face. The presentation will explore how to be fair to children in passing the business to heirs, while also providing a fair inheritance to non-active children, how to surmount common estate-tax traps; making sure attendees and their spouses are prepared for retirement and the potential need for long-term care; how to assemble and work with a team of professional advisors; and how to bring all these aspects together to make it work for the long term benefit of your family and farming operation.

A complementary lunch will be served at noon during the seminar for all who attend.

Please save the date and join us then!

Date: Wednesday, January 14, 2015

Place: Romy's Holiday Inn, 9600 Cty Rd G, Suring (Kelly Lake), WI 54174

Time: 10:30 am-2:00 pm with registration at 10:00 a.m. and lunch at noon

About our presenters:

Rick Bollenbeck is a graduate of the University of Wisconsin-Madison (1979), the Seattle University School of Law (1983) and Boston University (Masters of Law and Taxation) (1985). Rick practices in the areas of Estate Planning, Criminal Law and Litigation. He is an attorney with the firm of Bollenbeck Fyfe, S.C.

Jared Nelson, Sr. Regional Financial Consultant with Farm Bureau Life Insurance is a 1998 graduate of Carroll College. He has 16 years of experience in the financial services industry and focuses on helping farms transition assets from one generation to the next. He grew up on a dairy farm in Melrose, WI and now lives in Mt. Horeb with his wife and three daughters.

Dr. Sarah Mills-Lloyd, Oconto County Agriculture Agent is a graduate of Moorhead State University (1998 & 2000), and the University of Wisconsin-Madison School of Veterinary Medicine (2005). Dr. Mills-Lloyd was in private practice as an associate veterinarian for eight years in Northeast Wisconsin, working primarily with dairy cows and farmers. In October 2013, she joined UW-Extension as the Oconto County Agriculture Agent specializing in Dairy and Livestock.

Please RSVP to Betsy Leemon 920-921-6402 or bleemon@ruralins.com. Your response is requested by January 7th.

Date: Tuesday, November 18

Time: Registration – 9:30 AM

Meeting – 10 AM to 3 PM

The schedule has been adapted to allow for more interaction between presenters. The morning will focus on integrated pest management updates by crop. After lunch topics will be more focused on specific updates. The meeting will end with diagnostic training events.

Place: Liberty Hall
800 Eisenhower Dr., Kimberly

Cost: \$40/person – meeting & meal
\$20 – extra packet of materials

Packets include the 2015 Pest Management in Wisconsin Field Crops bulletin (A3646) and other pest management references.

CEUs: The meeting counts towards four hours of CEU credits in pest management for certified crop advisors

Featured Speakers:

- ♦ **Mark Renz**, UW-Madison/Extension
Weed Scientist
- ♦ **Vince Davis**, UW-Madison/Extension
Weed Scientist
- ♦ **Dan Heider**, IPM Outreach Specialist
- ♦ **Bryan Jensen**, Entomologist
- ♦ **Damon Smith**, UW-Madison/Extension
Field Crop Plant Pathologist

Integrated Pest Management Updates:

- ♦ Corn, Soybeans, alfalfa, small grains
- ♦ New products and/or use of existing products
- ♦ Brief highlights of 2014 pest situations in each crop

Herbicide Resistance Update:

- ♦ Status of herbicide resistant weed populations in Wisconsin
- ♦ How to detect and manage resistant populations

Sprayer Technology:

- ♦ Advances in sprayer technology
- ♦ Review how advances can be utilized to maximize application efficacy while minimizing drift

Diagnostics:

- ♦ Trainings that will allow participants to interact and hone pest management skills

Cooperative Extension Programs University of Wisconsin-Extension

University of Wisconsin, United States Department of Agriculture, and Wisconsin Counties cooperating.
University of Wisconsin-Extension provides equal opportunities in employment & programming, including Title IX and ADA.

Please make requests for reasonable accommodations as soon as possible prior to the program.

2014 Pest Management Update Registration Form

Registration deadline:

Monday, November 11, 2014

Make check payable to:

UW Extension

Mail this form & payment to:

Ag Dept.
Outagamie County UWEX
3365 Brewster St.
Appleton, WI 54914

Number attending:

Meeting & meal _____ x \$40 = _____

Extra packets _____ x \$20 = _____

Total enclosed = \$ _____

Please print:

Name(s) _____

Company _____

Address _____

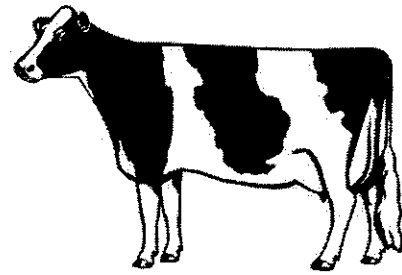
City _____

State _____ Zip _____

Phone (____) _____

Marinette County Holstein Association

Annual Meeting @ Romy's Holiday Inn



The Marinette County Holstein Association annual meeting is scheduled for Sunday evening, November 16. The chicken and tips dinner will be served at 7:15 at a cost of \$14.00 per person.

The business meeting includes yearly financial report and election of directors. Three year terms of director Mark Carviou and Francis Lewandowski have expired. Our Ag agents will also report. Awards for fair dairy show winners will be presented. All interested persons are welcome to attend and/or become Association members.

Please call in dinner reservations to Phil Finger at 920-834-9663.

Implements of Husbandry Informational Sessions

What do the new Implements of Husbandry laws really mean for you as a producer, custom operator, or anyone else driving agricultural machinery on public roadways?

UW-Extension of Marinette & Oconto Counties are offering three sessions this fall to help you get answers to all the questions that you probably have in mind regarding weights, permits, lights, width, and a few other nuances in this law. The discussion will be the same at all three sessions, and there may be another one or two sometime before next cropping season gets started – assuming this one ever ends! We can also get you links to materials or copies of them if you are unable to attend, so contact either Scott or Sarah (contact info on front cover).

Friday, November 7, Crivitz Village Hall, starting at 9:30 a.m.

Wednesday, November 12, Lena Town Hall, starting at 1 p.m.

Monday, December 8, Gillett Library, starting at 7 p.m.

We will be able to cover everything related to the law (WI Act 377), when the different phases of it become enforceable, and the process you will need to go through to obtain the no-fee permits for overweight travel. Although the weight limits have been increased by up to 15% for many IOH types, there are still many weight limit issues you need to know about and follow.