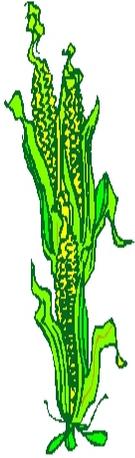




**Extension**  
UNIVERSITY OF WISCONSIN-MADISON  
MARINETTE COUNTY

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 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  
[sreuss@marinettecounty.com](mailto:sreuss@marinettecounty.com)

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## March, 2020 Newsletter

A couple events that do not have other information in this newsletter for which you may be interested include a fruit tree pruning workshop and an agritourism workshop. The agritourism workshop is being hosted by Pagel's Ponderosa and sponsored by the WI AgriTourism Association on March 24. If you want information, either contact me or go to [www.WiAgTourism.com](http://www.WiAgTourism.com) The fruit tree pruning workshop will be at Harmony Arboretum Demonstration Orchard on Thursday, March 26, starting at 3:30 p.m. Harmony is located south of Hwy. 64 ½ mile on Mar. Cty. Hwy. E. Contact me with any questions about events or any requests for assistance.

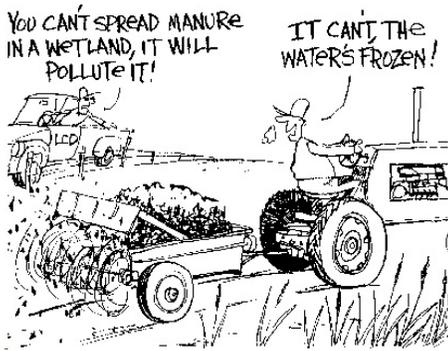
Scott Reuss

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Page 8	Forage Management Workshop Brochure

### Upcoming Events (contact Scott if you want more details regarding an event that is not otherwise listed in the newsletter.)

March 11 Escanaba	Agriculture for Tomorrow Conference (Feb nl)
March 13 Chase	Forage Management Workshop (pg. 8)
March 18 webinar	Small Ruminants & Grazing - contact Scott via e-mail if you want the web address, 7:30 - 9 pm
March 21 Marinette	Spring Garden Conference
March 23 Appleton	Waterhemp workshop (pg. 7)
March 24 Lena TH	Manure Management for 2020 (pg. 2) Nutrient management Q & A or consults (pg. 2)
March 24 Bonduel	Beef Quality Assurance certification (pg. 4)
March 24 Kewaunee	WI Agritourism Association Field Day
March 26 Harmony	3:30 Fruit Tree Pruning workshop
March 31 to April 2	Oshkosh WPS Farm Show
April 2 4 pm	Suring Library Beginner Vegetable Gardening
April 4 Crivitz	Mental Health Wellness Conference (pg. 3)
April 6 Middle Inlet	Marinette Cty Fair Livestock Cmte. 7 pm
April 18 Escanaba	Bay de Noc Gardening Conference



# Manure Management for 2020

Tuesday, March 24 9:45 a.m. to Noon

Lena Town Hall

6087 Goatsville Road (Intersection of Goatsville & Jagiello Rds- NW of Lena)

Free - includes coffee, milk, and snacks

This event will be a relatively free-flowing discussion centering on the issues related to the fall application season and how to best approach manure usage and management for 2020 crops. Topics will include:

- + Realities of crediting manure nutrients when it sat on top of the soil all winter!
  - + Manure nutrient availability: amounts and timing; effects of wet soils.
  - + Manure testing - why, how, when
  - + The manure management & cropping plans interface
- + Where is our manure best utilized in a difficult spreading & cropping year?
  - + Staying within our NM plans, but actually getting spreading accomplished.

Discussion moderated by Jamie Patton, UW-Madison Nutrient & Pest Management Outreach Specialist and Scott Reuss, Crops/Soils Agent, Marinette & Oconto Counties.

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Contact Reuss by calling 715-732-7510 or e-mailing to [sreuss@marinettecounty.com](mailto:sreuss@marinettecounty.com) if you have questions about either of these events.

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## Nutrient Management Questions & Consults

Tuesday, March 24 Noon to 3 p.m.

Lena Town Hall

Free - includes coffee, milk, and snacks



Bring your questions about nutrient management and sit down with Scott and Jamie.

We can help you develop a fertilizer investment strategy for 2020 cropping; review your NM plan (whether it is an official one or not); answer questions you may have about manure, nitrogen, phosphorus, potassium, or any other nutrients; help you plan soil sampling priorities; OR anything else you want to discuss regarding Nutrient Management. Bring along your soil sample results and/or your plan if you can.

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# MENTAL HEALTH WELLNESS CONFERENCE

SATURDAY, APRIL 4TH, 2020

CRIVITZ HIGH SCHOOL  
400 SOUTH AVENUE, CRIVITZ, WI

## GOAL

Mental illness impacts us all. Shining a light on this reality helps us bring mental health concerns out of the dark. There is hope for all of us to achieve better mental health for ourselves, our children and our community.

## TEENS

Teenagers today face some unique challenges. There are real things you can do to maintain and improve your mental health during this time in your life. Teens have 6 breakout sessions from which to choose. Each session offering information and tools to better mental health.

## ADULTS

Adults have 8 breakout sessions from which to choose. Each session focusing on the mental health needs of parents, families, educators, care providers and concerned community members. Something for everyone!

## FOR TEENAGERS and ADULTS



A FREE  
COMMUNITY  
EVENT

### Day Schedule

**8:00-8:30 am** Doors Open/Registration

**8:30-8:40 am** Welcome

**8:40-9:30 am** Keynote Speaker 1

**9:40-10:25 am** Breakout Session 1

**10:35-11:20 am** Keynote Speaker 2

**11:20-12:15 pm** FREE Lunch

Mental Health Provider & Wellness  
Vendor Displays

**12:15-1:00 pm** Breakout Session 2

**\*Session 2D runs from 12:00-1:00**

**1:10-1:20 pm** Wrap Up/Prize Drawings

**1:20-2:05 pm** Keynote Speaker 3

**Registration Appreciated by April 1st.**

**Walk-ins Welcome**

For Conference Details and Registration Information

go to:

[www.crivitz.k12.wi.us](http://www.crivitz.k12.wi.us)





Extension

UNIVERSITY OF WISCONSIN-MADISON

**WISCONSIN  
BEEF QUALITY  
ASSURANCE  
CERTIFICATION  
IN - PERSON TRAINING**

BQA Certification is valid for three years. This training enables participants to obtain an initial certification, or re-certify an expired certification.



**Tuesday, March 24, 2020**

Check-in at 8:45 a.m. class begins promptly at 9:00 a.m. concludes by 12:00 p.m.

**Equity Livestock Sale Barn  
455 N. Cecil St.  
Bonduel, WI 54107**

Cost: \$15, **Checks Preferred!!** Payable to *WI BQA Program*

One fee per certification holder. Multiple people from same farm encouraged to attend.

**RSVP by March 17th to Extension Shawano County at (715) 526-6136**

Hosted by: Kimberly Schmidt, Shawano County Agriculture Extension Educator

The voluntary Beef Quality Assurance Program assists in raising, feeding and harvesting high quality beef. By participating in BQA and adopting BQA production practices, you are helping to answer the call from the packers' consumers, for safe beef raised in a humane manner. Effective January 1, 2019, buyers representing some large packers and processors will only purchase from farms that are BQA or FARM Certified.

For other BQA Certification events, see the Calendar of Events at the WI Beef Information Center, <https://fyi.extension.wisc.edu/wbic/>

An EEO/Affirmative Action employer, University of Wisconsin – Division of Extension provides equal opportunities in employment and programming, including Title IX and ADA requirements. Please make requests for reasonable accommodations to ensure equal access to educational programs as early as possible preceding the scheduled program, service or activity by calling Extension office hosting the event. This document can be provided in an alternative format by calling 711 for Wisconsin Relay.

# Adaptive Nitrogen Management On-Farm Trial Results 2019 - Marinette County

Soil: Croswell loamy sand. Soil test results: Org. Matter = 1.3%; pH = 6.0; P = 70 ppm; K = 81 ppm

Previous crop: Corn (2018), soybean (2017), and corn (2016).

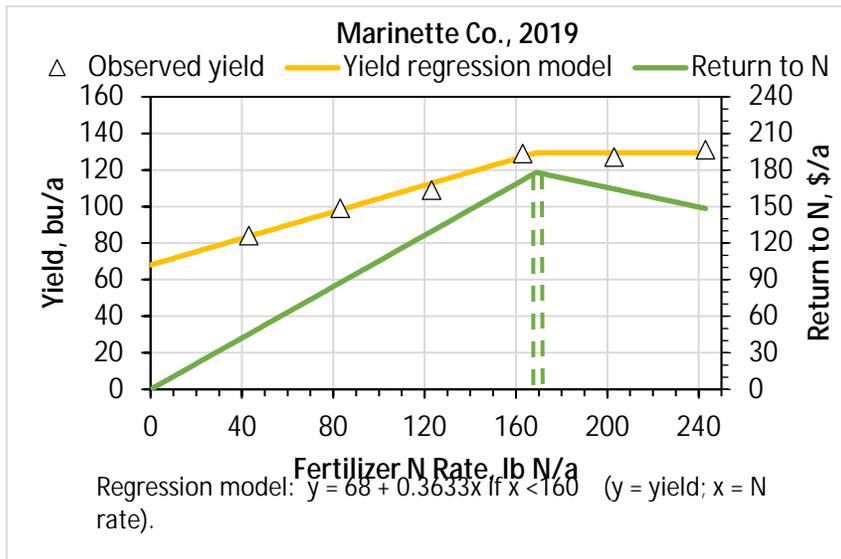
Tillage: No-till, surface residue = 10% Starter fertilizer: 43, 57, 30, and 14 lb/a of N, P<sub>2</sub>O<sub>5</sub>, K<sub>2</sub>O, and S, respectively.

Planting date: 5 June. Average corn population: 19,911 plants/a.

Table 1. Effect of Sidedress N rate (17 July) on corn grain yield, Marinette County, 2019.

N in starter lb/a	N rate lb/a	Total N rate lb/a	N timing	Yield bu/a
43	0	43	None	84 c †
43	40	83	Sidedress	99 bc
43	80	123	Sidedress	109 ab
43	120	163	Sidedress	129 a
43	160	203	Sidedress	127 a
43	200	243	Sidedress	131 a

† Values followed by the same letter are not significantly different at the 0.10 probability level.



The official MRTN rate for this field situation based on soil type (sand) would have been 200, within the range of 185 to 210 lbs/acre N. The observed Economically Optimum Nitrogen Rate was 169 lbs N/acre. This includes the 43 lbs N in the starter. The plateauing of yield above 160 lbs N/acre resulted in the decrease of economic return to higher N rates.

Table 2. Effect of N timing/rate (SuperU) on corn grain yield, Marinette County, 2019.

N in starter lb/a	Total N rate lb/a	N additions timing	Yield bu/a
43	43	None	84 d †
43	83	V6 Sidedress	99 cd
43	123	V6 Sidedress	109 bc
43	163	V6 Sidedress	129 a
43	203 ‡	V6 Sidedress	127 ab
43	203	V6/VT 50:50 split	124 ab
43	243 §	V6 Sidedress	131 a
43	243	At plant	121 ab
43	283	V6/V10 50:50 split	130 a

This table shows the effect of N timing, with later than V6 applications not optimizing yield in 2019.

Our thanks to Dudkiewicz Farms for hosting this trial. If you would like a copy of the 2018 data from the Aaron Behnke hosted site, contact Scott.

*p* <0.01

† Values followed by the same letter are not significantly different at the 0.10 probability level.

## Oconto & Marinette County Crop Insurance Policies by crop & type - 2019

(All numbers reported in acres of coverage)

**Barley - 1 acre total**    **Green Beans** - 286 acres in Oconto Cty.

**Oats** - 54 acres in Oconto Cty., 95 acres in Marinette Cty., plus 28 acres under CAT in Marinette

Corn cov. %	Revenue Protection		Yield Protection	
	Oconto	Mar.	Oconto	Mar.
50.00%	989	345	168	500
60.00%	2079	295	520	96
65.00%	3936	323	605	463
70.00%	6984	1366	1686	2416
75.00%	25609	8967	1328	5572
80.00%	1241	2557	201	0
CAT			5024	5325
Total Ac.	40838	13853	9532	14372

NOTE: 2 SCO-RP policies

Soybean cov. %	Revenue Protection		Yield Protection	
	Oconto	Mar.	Oconto	Mar.
50.00%	122	0	86	75
60.00%	332	0	129	0
65.00%	1656	464	310	15
70.00%	4423	453	129	157
75.00%	9487	5844	267	0
80.00%	352	0	0	0
CAT			1183	264
Total Ac.	16372	6761	2104	511

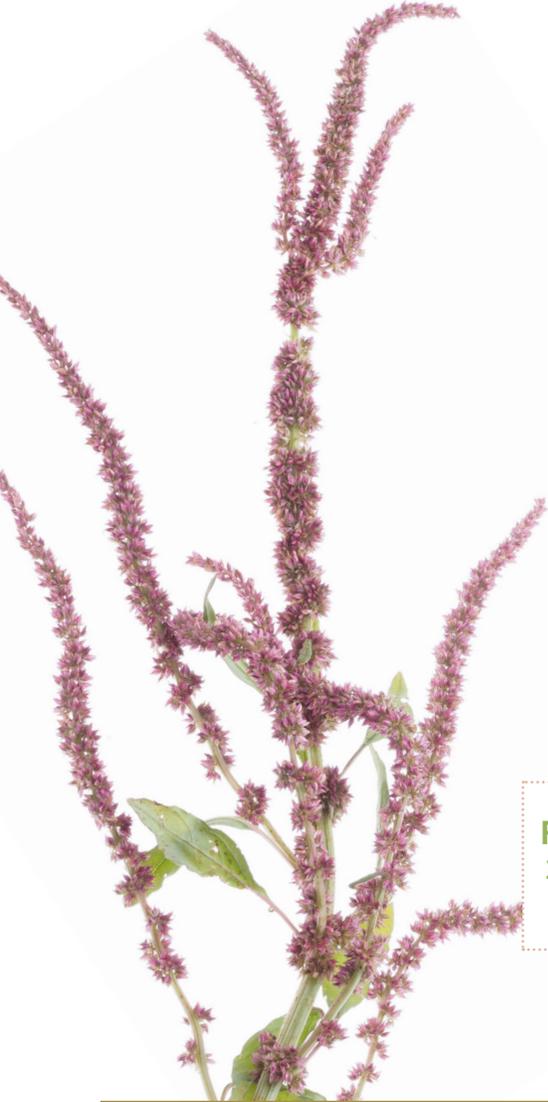
NOTE: 3 SCO-RP policies

Wheat cov. %	Revenue Protection		Yield Protection	
	Oconto	Mar.	Oconto	Mar.
50.00%	172	132	0	0
60.00%	0	0	16	0
65.00%	99	0	187	72
70.00%	88	33	0	123
75.00%	902	301	0	33
80.00%	670	0	0	0
CAT			117	25
Total Ac.	1931	466	320	253

Forage cov. %	APH		AYP	Forage Seeding	
	Oconto	Mar.		Oconto	Mar.
50.00%	753	1129	1521	57	0
60.00%	2082	4	0	164	31
65.00%	661	957	0	84	25
70.00%	373	1417	229	722	15
75.00%	226	0	0	539	591
80.00%	0	0	78	392	1171
CAT		2289	10 @ 90%	601	6 This 6 ac actually 85 % cov.
Total Ac.	4095	5796	1848	2559	1839

The information in this report was compiled from data which is publicly available on the USDA-RMA website and includes all paid policies. I put this together for the crop insurance workshop

and thought it would be interesting for everyone to have a comparison point of what the other producers in our two counties are using for crop insurance coverage. AYP under forage insurance stands for Area Yield Protection.



# 2020 Wisconsin Regional Waterhemp Workshops

These workshops are designed for farmers and crop advisors and will build on the 2019 Regional Waterhemp Workshops (Waterhemp 101). Topics include 1) current state of herbicide resistance in Wisconsin and the Midwest, 2) systems approach to weed management on a field by field basis, 3) considerations for adoption of Enlist E3 system, 4) managing herbicide resistant weeds by adding alfalfa to crop rotation, and 5) cover crops and other considerations for weed management.

**Presenters:** UW-Madison Extension Weed Scientists Rodrigo Werle and Mark Renz, Weed Science Outreach Specialist Nick Arneson, UW-NPM Outreach Specialist Dan Smith and the WiscWeeds Team.

## March 16 .... **Bangor**

**Registration, coffee and rolls start at 9:30 am**

Workshop: 10:00 am – 1:45 pm (lunch: 12:00– 12:45)

Log Cabin, N4697 State Rd 162, Bangor, WI 54614

Bill Halfman, Monroe County Agriculture Agent

RSVP: 608-269-8722 or [william.halfman@wisc.edu](mailto:william.halfman@wisc.edu)

**Free event  
3 CEUs (PM)  
available!**

## March 17 .... **Chippewa Falls**

**Registration, coffee and rolls start at 8:30 am**

Workshop: 9:00 am – noon (lunch to follow program)

Eagles' Club Banquet Hall, 2588 Hwy 53, Chippewa Falls, Wisconsin 54729

Jerry Clark, Chippewa County Agriculture Educator

RSVP: 715-726-7950 or [jerome.clark@wisc.edu](mailto:jerome.clark@wisc.edu)

## March 23 .... **Appleton**

**Registration, coffee and rolls start at 9:30 am**

Workshop: 10:00 am – 1:45 pm (lunch: 12:00– 12:45)

D.J. Bordini Center Room 112-A, Fox Valley Technical College, N Systems Dr. Appleton, WI 54914

Rhonda Sumnicht, Extension Shawano County

RSVP: 715-526-6136 or [rhonda.sumnicht@co.shawano.wi.us](mailto:rhonda.sumnicht@co.shawano.wi.us)

## March 24 .... **Arlington**

**Registration, coffee and rolls start at 9:30 am**

Workshop: 10:00 am – 1:45 pm (lunch: 12:00– 12:45)

Public Events Building, Arlington Agricultural Research Station, N695 Hopkins Rd, Arlington, WI 53911

Chelsea Zegler, Dane County Crop and Soils Educator

RSVP: 608-224-3716 or [zegler@wisc.edu](mailto:zegler@wisc.edu)

**RSVP with the local contact by  
March 11**  
(limited 60 participants per location)



**Extension**

UNIVERSITY OF WISCONSIN-MADISON



For general workshop questions, contact:  
Nick Arneson at [njarneson@wisc.edu](mailto:njarneson@wisc.edu) or  
Rodrigo Werle at [rwerle@wisc.edu](mailto:rwerle@wisc.edu)



**Cropping Systems Weed Science**  
UNIVERSITY OF WISCONSIN-MADISON

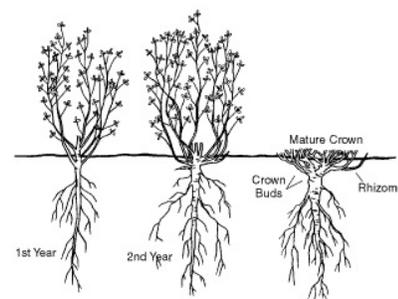
# Raising Forage Crops in 2020

## Optimizing returns on perennial and annual forages

Friday, March 13 9:45 a.m. to 2:30 p.m.

Chase Town Hall - 8481 Cty. Road S, Pulaski, WI

\$15 Individual or \$25/Farm Registration Fee - includes lunch



9:45 a.m. Registration, Presentations starting at 10 a.m.

### Optimize Manure/Nutrient Applications on Alfalfa and Alternative Forages

There are key nutrient management principles that form the foundation of soil health and profitable production of alfalfa and alternative forages. Using these practices properly can optimize both yield and quality.

*-Carrie Laboski, Soil Fertility/Nutrient Mgmt. Extension Soil Scientist, UW-Madison*

### Grass & Alfalfa Mixes: The Best of Both Worlds?

Weather patterns in recent years have led to winter kill and poor alfalfa harvests. This presentation will discuss the benefits to growing alfalfa & grass mixes, as well as as potential advantages they have when fed to livestock.

*-Kimberly Schmidt, Shawano Cty Agriculture Educator, UW-Madison, Division of Extension*

**12:00 - 12:30 pm Lunch & Discussion**

### Alternative Forage Options - Yield, Quality, and Management

We will cover various cool and warm season annual forages that can help build forage inventory early in the season, along with opening up manure application opportunities. Yield and quality expectations, and managing these forages for different livestock groups will be discussed.

*- Matt Akins, UW-Madison Extension Dairy Specialist, Marshfield Ag Research St.*

### Alfalfa & Perennial Legume Management Options

Let's keep alfalfa as a perennial crop! We will focus on management practices that help maintain alfalfa stands at their best; including selection, establishment, harvest management, and the interplay of other practices.

*- Scott Reuss, Extension Crops/Soils Agent, Marinette & Oconto Counties*

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**Please Pre-register** by calling 715-732-7510 or e-mailing to [scott.reuss@wisc.edu](mailto:scott.reuss@wisc.edu)

Walk-in registrations will be accepted.

Contact Reuss via above if you have questions about the workshop.

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