Wisconsin Crop Manager

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NPM Program Announces New Southwest Wisconsin Regional Specialist

Dan Smith is the new University of Wisconsin-Madison & Extension Southwest Regional Outreach Specialist for the Nutrient and Pest Management (NPM) Program. The goal of his position is to work with county partners in the Southwest region to deliver educational programs that promote farm management practices which protect water quality while maintaining or improving farm profitability. He recently earned a master's degree in Agroecology from UW-Madison where he researched cover crop establishment issues following commonly applied corn, soybean, and wheat herbicides, cover crop termination, and cover crop interseeding. Dan is originally from Walnut, IL and earned BS degrees in Soil & Crop Science and Agriculture Business from University of Wisconsin-Platteville. Dan is here to help in the Southwest region with any nutrient and pest management educational programming. His phone number is 608-219-5170 and e-mail address is dhsmith@wisc.edu.

Winners of the 2015 WSA WI Soybean Contest are Announced

The 1st place winner in Division 4, Bahr Farms Inc. of Belmont, grew Asgrow AG2535 and harvested 89.23 bu/a. In second place, Riley Bros. Farms of Darlington grew Asgrow AG2433 and harvested 88.85 bu/a. In Division 3, David and Karen Wilkens of Random Lake won 1stplace with NK S20-T6 Brand at 77.15 bu/a, and in 2nd place, Echo-Y Inc. of Loganville harvested 75.93 bu/a with NK S20-T6 Brand. In Division 2, Oeh My Farm of Abbotsford achieved 79.72 bu/a from Asgrow AG1431 for first place. In 2nd place, J-Mar Hillside Acres of Luxemburg harvest-

ed 74.17 bu/a from Steyer 1140L soybeans. In Division 1 at 75.67 bu/a was David Lundgren from Amery who planted Croplan R2C1494. 2nd place winner in Division 1 was Jerry Koser from Almena. He harvested 60.27 bu/a from DuPont Pioneer 91M10.

The contest is sponsored by the WI Soybean Program and organized to encourage the development of new and innovative management practices and to show the importance of using sound cultural practices in WI soybean production.

For more information please contact Shawn Conley, WI State Soybean Specialist at 608-262-7975 or spconley@wisc.edu.

Nominations are still being accepted for the 2016 Wisconsin CCA of the Year Award

A quick reminder that the Wisconsin CCA Board has been accepting nominations for the 2016 Wisconsin CCA of the Year Award. This award is designed to recognize a CCA who is highly innovative, delivers exceptional customer service, has shown that they are a leader in their field, and have contributed to the exchange of ideas and the transfer of agronomic knowledge to the Wisconsin agriculture industry.

Customers, employees, colleagues or others associates may nominate a candidate. The selection committee is comprised of current WI CCA Board and nominees will be evaluated solely on the information provided in the nomination form and accompanying letters of recommendation.

To be considered, the 2016 Nomination Form (click here to view form) must be completed and 3 letters of reference provided. Nomination criteria will help with the nomination process and are also linked below this article.

Deadline for submission is March 4, 2016. The 2016 recipient will receive a commemorative plaque and $500 cash award at the January 2017 CCA Luncheon. Contact Bryan Jensen (bmjense1@wisc.edu, 608-263-4073) if you have questions.

To view the 2016 CCA Nomination Criteria, click here.

UW-River Falls Field Scout Training Class March 16-17, 2016

Bryan Jensen, IPM Program

The University of Wisconsin-River Falls, UW-Extension and the Integrated Pest Management Program are co-sponsoring the IPM Field Scout Training Class which will be held March 16-17, 2016 at the UW-River Falls campus. This training session will provide classroom and laboratory instruction for several pest and nutrient management topics (pest identification, life cycle, damage symptoms, economic thresholds and scouting techniques for insects, weeds, plant pathogens, herbicide injury and nutrient deficiency symptoms for corn, alfalfa, soybean and wheat, soil sampling, plant tissue testing, etc). Click here for the complete schedule. CEU'S will be applied for.

Non-student registration fee is $100/person and covers the cost of the training and the Field Crop Scout Training Manual. To register online please go to https://patstore.wisc.edu/ipm/register.aspx

To register by check, send name, phone number, address and email address with a check payable to UW-Extension to:

Bryan Jensen
Dept. of Entomology
1630 Linden Drive
Madison, WI 53706.

For more information call Bryan Jensen at (608) 263-4073 or email at bmjense1@facstaff.wisc.edu.

Training for Nutrient Management Planners Online Video Workshop - 2016

Scott Sturgul – NPM Program

Training for Nutrient Management Planners is a self-paced seven hour online video series *and* a one day face-to-face, follow-up workshop. The program is designed for current and potential nutrient management plan writers

in Wisconsin – particularly production agronomists and county-based conservation staff. The intent of this workshop is to provide in-depth training on the preparation of quality nutrient management plans.

This online video series is available for viewing from February 1 to April 15, 2016. It is presented by the University of Wisconsin-Madison & Extension Nutrient & Pest Management Program, UW-Madison Department of Soil Science, UW-Platteville School of Agriculture, WI Dept. Agriculture, Trade & Consumer Protection, USDA-Natural Resources Conservation Service, and WI Dept. Natural Resources. Featured speakers include: Chris Baxter, Judy Derricks, Robert Florence, Laura Ward Good, Paul Kivlin, Carrie Laboski, Sue Porter, Stephanie Schneider, and Scott Sturgul.

Topics include:

- Wisconsin's USDA-NRCS 590 Nutrient Management Standard
- How and Why Conservation Plans are Linked to NM plans
- Components of Conservation Plans Needed for NM Plan Development
- MMAS: Maps for Determination of 590 Set-backs & Restrictions
- Concepts of Soil Series and Soil Map Units
- Changes to the NRCS Soil Database
- Understanding Soil Properties that Affect Soil Fertility Guidelines
- Soil Sampling
- Nutrient Application Rate Guidelines for N, P, & K
- Soil Nitrate Testing
- Plant Analysis
- Understanding a Soil Test Report
- Legume Nitrogen Credits
- Manure & Biosolids Nutrient Crediting
- Manure Sampling & Reporting
- Manure Spreader Calibration
- Manure Production Calculations: Variations & Compensations
- Phosphorus Management Planning for Water Quality
- Nitrogen Management for Water Quality Protection
- Mechanics of Creating a Nutrient Management Plan

The follow-up workshop will feature extensive training on the use of the SnapPlus nutrient management planning software. Participants will prepare a functional plan for a real Wisconsin farm. Dates and locations for the follow-up workshops are: **March 31** at the UW Agricultural Research Station in Marshfield, WI and **April 4** at the Crowne Plaza Hotel in Madison, WI. Participants are strongly encouraged to bring laptop computers to the workshop with the latest version of the SnapPlus software installed. SnapPlus can be downloaded for free at: http://snapplus.wisc.edu/download-15-1.

A brochure for the *Training for Nutrient Management Planners* workshop can be found here.

Registration for viewing the video series *and* attending one of two follow-up workshops is required. The total fee is $100 per person. Registration is open now and will close on March 15. Interested participants can register at: https://patstore.wisc.edu/npm/register.aspx. **You must choose the follow-up workshop you wish to attend during the registration process. A credit card is the only acceptable form of payment on this website**. A confirmation email will be sent to each participant. For questions on registration contact Scott Sturgul (sstur-gul@wisc.edu, 608-262-7486). **Please note: You must be able to access YouTube in order to view these presentations!**

Certified Crop Advisor (CCA) continuing education units (CEU's) for this workshop has been approved by the Wisconsin CCA Board. The workshop contains 10 credits in nutrient management and 3 credits in soil and water management.

Webinar: Climate and Corn-based Cropping Systems - Findings and Recommendations for Corn Belt Farmers

Dick Wolkowski
Project Extension Educator
rpwolkow@wisc.edu

Results of a five-year multi-state project that examined the impact of weather variability on corn production systems will be discussed at a webinar to be held Feb-

ruary 11 from 1 – 3 pm. The webinar will originate from the University of Minnesota, Southwest Research and Outreach Center in Lamberton, but you can log in from your location. The program will include the following presentations:

Eileen Klavidko, Purdue University – Cover Crops Rick Cruse, Iowa State University – Tillage Management Jeff Strock, University of Minnesota – Drainage Water Management Joe Lauer, University of Wisconsin – Extended Crop Rotations J. Arbuckle, Iowa State University – Farmer Adaptation and Conservation Practice Adoption

One CCA CEU credit each for soil and water, and crop management will be offered. More information on the webinar program, connection details, and sign-up for CCA CEU's will be posted on the project's website.

Go to:

http://www.sustainablecorn.org/Findings-and-Recommendations-for-the-Corn-Belt.html.

The Effectiveness of Neonicotinoid Seed Treatments in Soybean

This publication from the Purdue Extension Entomology website reviews the current research regarding the efficacy of these neonicotinoid seed treatments, their non-target effects, and the potential role for neonicotinoid seed treatments in soybean production.

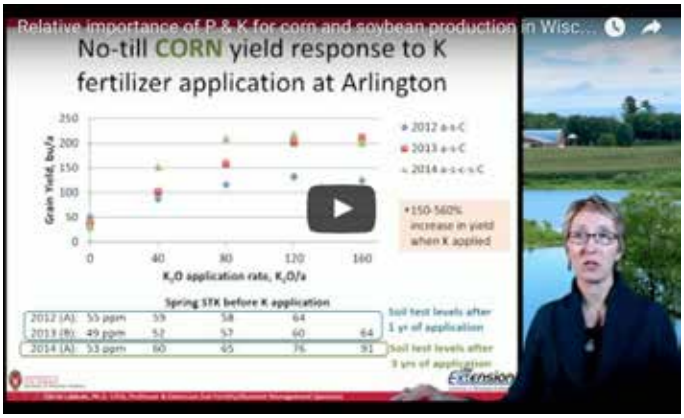
To view the full publication, follow the link below:

https://extension.entm.purdue.edu/publications/E-268-W.pdf

New Video: Relative Importance of P and K for corn and soybean in Wisconsin

Phosphorus and potassium are important for crop production. But is one nutrient more important than the other? To learn the answer to this question, watch a new video titled: "Relative Importance of P and K for corn and soybean in Wisconsin". This video highlights on-going research conducted at the Arlington Ag Research Station.

Click the video below to watch:



New Video: Strategies to Maximize Return on Fertilizer in 2016

There are numerous economic challenges for crop production in 2016. Tips for maximizing your economic return on fertilizer are provided in the video titled: "Strategies to Maximize Return on Fertilizer in 2016". Click the video below to watch:

Calculating the Soybean Yield Gap for WI Soybean Farmers

Shawn P. Conley
Soybean and Wheat Extension Specialist

Shawn Conley is embarking on a State-Wide Project aimed at generating baseline producer data on current soybean management practices in Wisconsin's produc-

tion systems. This project is funded by the Wisconsin Soybean Marketing Board and the North Central Soybean Research Program (NCSRP). The project goal is to ***identify the key factors that preclude the State's Soybean Producers from obtaining yields that should be potentially possible on their respective individual farms. The term used for the difference between what yield is possible on your farm each year and what you yield you actually achieve is called a "Yield Gap".***

The project is asking Crop Producers in Wisconsin to provide yield and other agronomic data specific to their soybean production fields. With that data, the project will conduct an in-depth analysis of what on-farm factors might be causing a Yield Gap on producer farms. They intend to provide annual reports to all crop producers informing them of what factors they may have identified that, based on their analysis of the data collected from farms, are likely limiting them from achieving soybean yields closer to yield potential that is likely possible on their farms!

Below are links that can also be found on Shawn Conley's webpage describing the process, guidelines for data collection, as well as the data collection form. Please know that this data will not be shared individually and your information will be held strictly confidential. Feel free to notify Shawn if you have any questions or concerns regarding this request. Please return all completed forms to his address below!

Yield Gap: Letter to WI Soybean Producers
Yield Gap: Guidelines for Data Collection
Yield Gap: Data Collection Form

Coolbeans!

Shawn P. Conley
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Madison, WI 53706

UW-Madison/ Extension Plant Disease Diagnostic Clinic (PDDC) Update

Brian Hudelson, Sean Toporek, and Ann Joy

The PDDC receives samples of many plant and soil samples from around the state. The following diseases/ disorders have been identified at the PDDC from January 30, 2016 through February 5, 2016.

Plant/Sample Type, Disease/Disorder, Pathogen, County

Vegetables
Carrot, Bacterial Soft Rot, *Pectobacterium carotovorum*, Waupaca

Soil
Pea Soil, Pea Root Rot, *Miscellaneous pea root rot pathogens*, Waubasha (MN)

For additional information on plant diseases and their control, visit the PDDC website at pddc.wisc.edu.

UW-Madison/ Extension Plant Disease Diagnostic Clinic (PDDC) Update

Brian Hudelson, Sean Toporek, Catherine Wendt, Claire Wisniewski, and Ann Joy

The PDDC receives samples of many plant and soil samples from around the state. The following diseases/ disorders have been identified at the PDDC from January 9, 2016 through January 15, 2016.

Plant/Sample Type, Disease/Disorder, Pathogen, County

Vegetables
Kale, Black Spot, *Alternaria brassicicola*, Flagler (FL)

For additional information on plant diseases and their control, visit the PDDC website at pddc.wisc.edu.

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