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Agronomy/Soils Field Day at ARS is on Wed, Aug 31

Carrie Laboski, Professor & Extension Soil Fertility/Nutrient Management Specialist

Agronomy/Soils Field Day will be held on August 31. There are five different tours from which to choose, but only three different tour departure times; so plan your day ahead of time. Tours include: use of remote sensing in the field, soil fertility & management, grain production systems, forage production systems, and pest management. Tour details can be found in the flyer on the web. An application has been made for Certified Crop Advisor continuing education units.

Please plan to register (free) at 8:00 and join us for coffee before the first tour departs from the main events center. All attendees will need to sign a waiver before they can ride tour wagons. Come early to help facilitate this new process. The Badger Crops Club will provide lunch ($5 donation).

Intensive Winter Wheat Management

Shawn Conley, State Soybean and Small Grains Specialist
John Gaska, Senior Outreach Specialist

A research trial was initiated at the Arlington Agricultural Research Station to assess the impact of various management levels (Table 1) on the yield, grain quality, and disease incidence of 14 soft red winter wheat varieties. Management levels were stair-stepped with increasing intensity of inputs. Each management step increased yield, however growers should verify individual farm gate input prices to see if yield increases had a positive ROI.

Click here to view the Intensive Winter Wheat Management Information.

Sudden Death Syndrome of Soybean Video
Dr. Damon Smith talks about sudden death syndrome (SDS) of soybean. SDS can be a significant problem in years where the spring is wet and cool resulting in infection by the fungus Fusarium virguliforme soon after emergence. However, SDS is often not noticed until the reproductive growth stages when foliar symptoms typically develop. The discussion here includes tips on spotting SDS, determining the difference between SDS and brown stem rot and how to manage the disease.

For more information about SDS visit the Soybean Plant Health Topics webpage at http://fyi.uwex.edu/field-croppathology... and scroll down to the “Sudden Death Syndrome” section.

To watch other videos about crop and soil management visit the University of Wisconsin Integrated Pest and Crop Management Youtube channel.

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**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 August 6, 2016 through August 12, 2016.

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

**Field Crops**
Corn, Goss’ Wilt, *Clavibacter michiganensis subsp. michiganensis*, Dane
Soybean, *Phytophthora Root and Stem Rot*, *Phytophthora sp.*, Green

**Fruit Crops**
Cranberry, Early Rot, *Phyllosticta vaccinia*, Wood
Cherry, Cherry Leaf Spot, *Blumeriella jaapii*, Dane

**Vegetable Crops**
Cabbage, Alternaria Leaf Spot, *Alternaria brassicicola*, Crawford
Cauliflower, Alternaria Leaf Spot, *Alternaria brassicicola*, Lafayette
Eggplant, *Verticillium Wilt*, *Verticillium sp.*, Dane
Garlic, Embellisia Skin Blotch, *Embellisia allii*, Crawford
Kale, Alternaria Leaf Spot, *Alternaria brassicicola*, Crawford
Lettuce, Anthracnose, *Microdochium panattonianum*, Lafayette
Onion, Sour Skin, *Burkholderia cepacia*, Fillmore (MN)

**Specialty Crops**
Pepper, Aerial Pythium, *Pythium sp.*, Rock
Pepper, Sunscald, None, Crawford
Tomato, Bacterial Speck, *Pseudomonas syringae pv. tomato*, Crawford
Tomato, Blossom End Rot, None, Sheboygan
Tomato, Cucumber Mosaic, *Cucumber Mosaic Virus*, Dane
Tomato, Root Rot, *Rhizoctonia sp.*, *Fusarium sp.*, Green Lake
Tomato, Septoria Leaf Spot, *Septoria lycopersici*, Sheboygan
Tomato, Tobacco Mosaic, *Tobacco mosaic virus*, Dane
Zucchini, Bacterial Leaf Spotted Wilt, *Xanthomonas campes-tres pv. cucurbitae*, Lafayette

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

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**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 August 13, 2016 through August 19, 2016.

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

**Field Crops**
Corn, Gibberella Stalk Rot, *Fusarium graminearum*, Dane
Soybean, Stem Canker, *Diaporthe phaseolorum*, Rock
Soybean, Sudden Death Syndrome, *Fusarium virguliforme*, Rock

**Fruit Crops**
Blueberry, Gloeosporium Leaf Spot and Stem Canker, *Gloeosporium sp.*, Dunn
Blueberry, Phomopsis Twig Blight/ Canker, *Phomopsis sp.*, Clark, Dunn
Blueberry, Fire Blight, *Erwinia amylovora*, Dane
Pear, Upright Dieback, *Phomopsis vaccinii*, Monroe

**Vegetable Crops**
Beet, Bacterial Soft Rot, *Pectobacterium sp.*, Monroe
Eggplant, *Root Rot*, *Pythium sp.*, *Rhizoctonia sp.*, Dane
Vegetable Crop Update Aug. 12

Amanda J. Gevens, Associate Professor & Extension
Vegetable Plant Pathologist

23rd issue of the Vegetable Crop Update is now available. In this newsletter we focus on:

- DSV (Blitecast, Late Blight) and P-Day (Early Blight) Updates
- Late blight and Cucurbit Downy mildew national updates
- Vegetable diagnostic updates from UWEX Plant Disease Diagnostic Clinic
- Powdery mildew confirmed on hops from Portage Co. WI


Wisconsin Pest Bulletin 8-18-16

Krista Hamilton, Entomologist, WI Dept of Agriculture, Trade and Consumer Protection

Volume 61 Issue No. 16 of the Wisconsin Pest Bulletin is now available at:

http://datcpservices.wisconsin.gov/pb/index.jsp