

# Wisconsin Crop Manager

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## Contents

Agronomy/Soils Field Day at ARS is on Wed, Aug 31 .	120
Intensive Winter Wheat Management .....	120
Sudden Death Syndrome of Soybean Video .....	120
Plant Disease Diagnostic Clinic (PDDC) Update....	121
Plant Disease Diagnostic Clinic (PDDC) Update....	121
Vegetable Crop Update Aug. 12 .....	122
Wisconsin Pest Bulletin 8-18-16 .....	122

## 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 vacciniae*, 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)

Pepper, Aerial Pythium, *Pythium sp.*, Rock  
Pepper, Sunscald, None, Crawford  
Tomato, Bacterial Speck, *Pseudomonas syringae pv. tomat*, 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  
Tomato, Tomato Spotted Wilt, *Tomato Spotted Wilt Virus*, Dane  
Zucchini, Bacterial Leaf Spotted Wilt, *Xanthomonas campestris pv. cucurbitae*, Lafayette

### Specialty Crops

Hop, [Downy Mildew](#), *Pseudoperonospora humuli*, Dane

For additional information on plant diseases and their control, visit the PDDC website at [pddc.wisc.edu](http://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, Ripe Rot, *Colletotrichum gloeosporioides*, Clark  
Cranberry, Upright Dieback, *Phomopsis vaccinii*, Monroe  
Pear, [Fire Blight](#), *Erwinia amylovora*, Dane

#### Vegetable Crops

Beet, [Bacterial Soft Rot](#), *Pectobacterium sp.*, Monroe  
Eggplant, [Root Rot](#), *Pythium sp.*, *Rhizoctonia sp.*, Dane

Onion, Slippery Skin, *Burkholderia gladioli* pv. *allicola*, Dane  
Pepper, Sunscald, None, Dane  
Potato, [Late Blight](#), *Phytophthora infestans*, Polk  
Tomato, Bacterial Canker, *Clavibacter michiganensis* sub-*sp. michiganensis*, Walworth  
Tomato, Ghost Spot, *Botrytis cinerea*, Dane  
Tomato, [Late Blight](#), *Phytophthora infestans*, Polk  
Tomato, Leaf Mold, *Passalora fulva*, Dane  
Tomato, [Septoria Leaf Spot](#), *Septoria lycopersici*, Dane, Portage

#### Soil

Soybean Soil, [Soybean Cyst Nematode](#), *Heterodera glycines*, Outagamie, Pepin

For additional information on plant diseases and their control, visit the PDDC website at [pddc.wisc.edu](http://pddc.wisc.edu).

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## 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

<http://ipcm.wisc.edu/download/vgu/Vegetable-Crop-Update-August-12-2016.pdf>

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## 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>

## INSIDE THIS ISSUE

LOOKING AHEAD: Major corn earworm moth migration underway

FORAGES & GRAINS: Alfalfa pest pressure remains low

CORN: Preliminary results of annual corn rootworm beetle survey

SOYBEAN: Japanese beetles and green cloverworm causing minor soybean defoliation

FRUITS: Apple maggot flies continue to emerge in low numbers

VEGETABLES: Late blight confirmed on potato and tomato in Polk County

NURSERY & FOREST: Observations from recent nursery inspections

DEGREE DAYS: Growing degree day accumulations as of August 17, 2016

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