

# Wisconsin Crop Manager

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families, will host the event on July 21-23, 2009, in Waterloo, Wisconsin.

Wisconsin Farm Technology Days, Wisconsin's premier agricultural technology exposition, is the state's largest outdoor agricultural show. The annual three-day event showcases the latest technology in production agriculture to approximately 80,000 visitors through:

Farm tours of Crave Brothers Farm featuring a modern dairy with high producing Holstein herd, Crave Brothers Classics Farmstead cheese factory crafting specialty award winning cheeses, and an automated manure digestion system that collects valuable biogas from manure to generate electricity while reducing odors

Field demonstrations of the latest in mowing, raking, merging, harvesting, baling, and transport equipment manure system application and management

More than 600 commercial exhibitors with the latest products and service offerings

University of Wisconsin presents practical applications of recent research and educational programs in livestock production, milk quality, weed control, forage handling and storage, home landscaping and gardening

The show is presented in partnership with the [Wisconsin Farm Technology Days, Inc.](#), [UW-Extension](#), and teaming with a host county. [Dodge County](#) serves as coordinator of the 2009 show with the cooperation of an executive committee and countless volunteers and event sponsors.

More information available at: <http://www.dodgefarmtech.com/>

## Wisconsin Vegetable Crop Update, 2009-4

Alvin J. Bussan, Potato and Vegetable Cropping Systems Specialist, UW-Madison, Department of Horticulture

**Vegetable Crop Update newsletter issue four is out!** This marks the fourth newsletter of the 2009 year. Weekly updates should be available as disease, insect, weed, fertility, and crop progress changes.

Upcoming events include:

Friday, July 17, 2009 – Lelah Starks Foundation Seed Farm Tour, Rhinelander

Thursday, August 6, 2009 – Potato Field Day, Hancock Ag Research Station

## 2009 Wisconsin Farm Technology Days



**Dodge County • July 21-23, 2009**

**Admission: \$5 (12 and under free)**

**Tuesday and Wednesday, 9 a.m. - 5 p.m.**

**Thursday, 9 a.m. - 4 p.m.**

**Crave Brothers Farm • Waterloo, Wisconsin**

The 2009 Wisconsin Farm Technology Days will be held at [Crave Brothers Farm](#) located in southern Dodge County. George, Charles, Tom, and Mark Crave, along with their

Friday, August 7, 2009 – Langlade Co. Potato Field Day, Antigo

Tue – Wed, August 11-12, 2009 – Sweet Corn Hybrid and Snap Bean Demonstration Tour, Hancock

The fourth issue has been posted on the IPCM web site on a new page titled appropriately: The Vegetable Crop Update page. Look for a new menu item under "WCM-News" to find this page, or click here >>>

<http://ipcm.wisc.edu/WCMNews/VegCropUpdate/tabid/115/Default.aspx>

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## Soybean Aphid Densities are Low, But Start Scouting Now

Eileen Cullen, Extension Entomologist

Wisconsin soybeans have yet to see economic soybean aphid densities. Statewide, field averages continue to be well below the economic threshold of 250 aphids/plant. However, soybean aphids are present in fields and the time to begin scouting is now.

Growers and consultants should begin monitoring soybean fields for soybean aphid, and many have been scouting for a couple of weeks now. Regular field scouting will be important from late vegetative/beginning bloom, all the way through the R5 growth stage as seeds develop in the pods.

Check 20-30 plants per field, from 80% of the field to obtain a representative sample. Examine the entire plant, particularly new growth at the top of plants. Use the economic threshold of 250 aphids/plant (field average). Regular field visits are required to determine if soybean aphid populations are increasing.

### Soybean Aphid Scouting and Management Resources for 2009

- UW Soybean Plant Health website for information on 2009 Soybean Aphid Management. Includes scouting, economic threshold and insecticide management information-  
[www.plantpath.wisc.edu/soyhealth/aphids/aphid\\_management.htm](http://www.plantpath.wisc.edu/soyhealth/aphids/aphid_management.htm)
- Soybean Aphid ipmPIPE  
<http://sba.ipmPIPE.org>
- Soybean Aphid Biological Control  
Provides new information on soybean aphid predators and parasitoids in Wisconsin and the North Central States  
<http://www.entomology.wisc.edu/sabc/>
- Wisconsin Pest Bulletin, WI DATCP  
<http://pestbulletin.wi.gov/>

Soybean aphid densities are also very low in my program's conventional and organic research plots at Arlington, WI where we are averaging less than 20 aphids per plant. In our counts, we find the occasional ant-tended plant with 100-200+ aphids, but overall plot averages are typically 10 aphids/plant or lower. However, our research plots are about 50% infested so there is a very low soybean aphid density fairly well distributed in our plots, which could lead to economic populations in the coming weeks.

Krista Hamilton, WI DATCP Pest Survey and WI Pest Bulletin <http://pestbulletin.wi.gov/> reported last week's state survey of 61 Wisconsin soybean fields in the V1-V5 growth stage. WDATCP surveys in Columbia, Dane, Green, and Rock counties found 1-18 aphids/plant on 5-60% of plants in the fields checked. In Grant, Iowa, Lafayette and Sauk counties, densities ranged from 3-163 aphids/plant on 25-70% of plants. Moderately infested soybean fields may develop economic populations within the next two weeks. In the central counties of Adams, Fond du Lac and Marquette, densities varied from 2-11 aphids per infested plant on 5-38% of plants. No aphids were detected in 61% of the fields appraised in the southern half of the state.

I am also providing soybean aphid scouting report updates for Wisconsin at the online pest tracking system, ipmPIPE – the Integrated Pest Management - Pest Information Platform for Extension and Education <http://sba.ipmPIPE.org>. The ipmPIPE is a good place to get a quick state and regional look at soybean aphid densities and Extension commentary on soybean aphid management recommendations. The ipmPIPE data should be used as 'sentinel' plots to help you gauge changing soybean aphid conditions throughout Wisconsin. Always conduct local and on-farm field scouting before you decide to treat a soybean field for soybean aphid. Regional mapping data should be used for general sentinel purposes only.

*Thank you to UW Extension County Agricultural Agents and the WI DATCP Pest Survey who are all contributing weekly soybean aphid scouting information to our Wisconsin map on the ipmPIPE.*

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

Brian Hudelson, Ann Joy, Amy Gibbs, and Brooke Weber,  
Plant Disease Diagnostics Clinic

The PDDC receives samples of many plant samples from around the state. The following diseases/disorders have been identified at the PDDC since July 1, 2009:

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
FIELD CROPS			
Corn	Anthracnose Yellow Leaf Blight	<i>Colletotrichum graminicola</i> <i>Phyllosticta maydis</i>	Columbia Columbia
Soybean	Growth Regulator Herbicide Damage	None	Marinette
FORAGE CROPS			
Alfalfa	Aphanomyces Seedling Blight/Root Rot	<i>Aphanomyces euteiches</i>	Fond du Lac
FRUIT CROPS			
Apple	Black Rot	<i>Sphaeropsis</i> sp.	McHenry (IL)
Grape	<a href="#">Growth Regulator Herbicide Damage</a>	None	Dane
VEGETABLES			
Tomato ('Shanty')	Bacterial Canker	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>	Green Lake

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

