



# Vegetable Crop Update

A newsletter for commercial potato and vegetable growers prepared by the University of Wisconsin-Madison vegetable research and extension specialists

No. 8 – May 19, 2015

## In This Issue

Late blight updates  
Disease forecasting updates

## Calendar of Events

**July 15** – UW-Hancock ARS Field Day, 1:00PM, Hancock, WI  
**July 17** – Rhinelander State Farm Field Day, Lelah Starks Elite Found. Seed Farm, Rhinelander, WI  
**August 20** – UWEX Langlade County Airport Field Day, Antigo, WI  
**August 25-27** – Wisconsin Farm Technology Days, Statz Bros., Inc. Farm, Sun Prairie, WI

**Amanda J. Gevens, Assistant Professor & Extension Vegetable Plant Pathologist, UW-Madison, Dept. of Plant Pathology, 608-890-3072 (office), Email: [gevens@wisc.edu](mailto:gevens@wisc.edu). Veg Pathology Webpage: <http://www.plantpath.wisc.edu/wivegdis/>.**

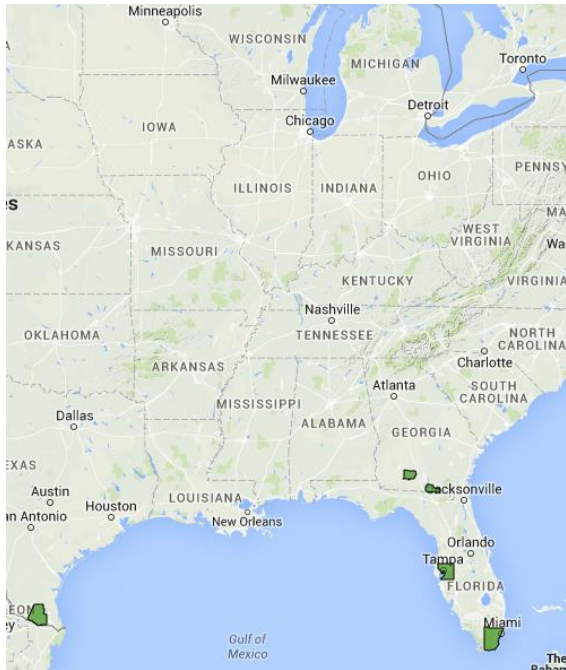
**Late blight updates:** The Wisconsin Administrative Code (ATCP 21.15(2)) requires potato cull piles to be fed, disked in or removed by **May 20**, to prevent late blight. Nationally, in the past week, there were no new diagnoses reported at [www.usablight.org](http://www.usablight.org). So far in 2015, there have been confirmations of late blight (US-23) in FL, CA (US-11), and TX (not reported on [usablight.org/strain](http://www.usablight.org/strain) not yet identified).

**Current P-Day (Early Blight) and Severity Value (Late Blight) Accumulations (R.V. James, UW-Plant Pathology/R.V. James Designs):** A P-Day value of  $\geq 300$  indicates the threshold for early blight risk and triggers preventative fungicide application. A DSV of  $\geq 18$  indicates the threshold for late blight risk and triggers preventative fungicide application. Red text in table below indicates threshold has been met/surpassed. NA indicates that information is not available. Blitecast and P-Day values for actual potato field weather from Grand Marsh, Hancock, Plover, and Antigo are now posted at the UW Veg Path website at the tab “P-Days and Severity Values.” [http://www.plantpath.wisc.edu/wivegdis/contents\\_pages/pday\\_sevval\\_2015.html](http://www.plantpath.wisc.edu/wivegdis/contents_pages/pday_sevval_2015.html)

Location	Planting Date	50% Emergence	P-Day Cumulative	Disease Severity Value	Date of DSV Generation	Increase in DSV from last week
<i>Antigo</i>	Early 4/25	NA	NA	NA	NA	NA
	Mid 5/5	NA	NA	NA	NA	NA
	Late 5/15	NA	NA	NA	NA	NA
<i>Grand Marsh</i>	Early 4/5	5/10	34	3	5/18	NA
	Mid 4/15	5/15	34	3	5/18	NA
	Late 5/1	NA	NA	NA	NA	NA
<i>Hancock</i>	Early 4/10	5/15	25	3	5/18	NA
	Mid 4/20	5/18	25	3	5/18	NA
	Late 5/5	NA	NA	NA	NA	NA
<i>Plover</i>	Early 4/15	5/15	24	3	5/18	NA
	Mid 4/25	NA	24	3	5/18	NA
	Late 5/10	NA	NA	NA	NA	NA

Further details on registered fungicides for WI vegetables can be found in the Univ. of WI Commercial Vegetable Production in WI Guide A3422, <http://learningstore.uwex.edu/assets/pdfs/A3422.PDF>.

**Cucurbit downy mildew updates:** There have been no new reports of cucurbit downy mildew in the US in the past week. Earlier this season, locations in TX, GA, and FL did confirm cucurbit downy mildew. The website: <http://cdm.ipmpipe.org/> offers up to date reports of cucurbit downy mildew and disease forecasting information. I will continue to include the pertinent updates and risks in this newsletter throughout the production season.



Green counties indicate locations of older reports (>7 days ago) of cucurbit downy mildew in the U.S. in 2015. Map sourced from <http://cdm.ipmpipe.org/> from 12:36PM May 18, 2015.

Further information on cucurbit downy mildew: <http://learningstore.uwex.edu/Assets/pdfs/A3978.pdf>