



Vegetable Crop Update

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

No. 2– February 18, 2016

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Fungicide update for potato and vegetable disease control (Orondis, Elatus, and Blocker)

WI irrigation scheduling program (WISP) training workshop – Mar 4

Calendar of Events

February 25-26, 2016 – Midwest Mint Growers Meeting, Plymouth, IN

March 2, 2016 – Central Wisconsin Processing Crops Meeting, Hancock, WI

March 12, 2016 – Wisconsin Hops Production Meeting, LaCrosse, WI

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Fungicide updates for potato and vegetable crops. Two new fungicides from Syngenta have recently received federal registration for control of important disease in potato and vegetable crops. While availability may be limited in 2016, you should be aware of these tools for upcoming years.

Orondis Opti, containing oxathiapiprolin, a brand new fungicide mode of action (FRAC Group U15) offers outstanding control of oomycete or water mold-type diseases in a number of vegetable crops. Currently, the fungicide is registered as a multi-pack with Orondis Opti A (Orondis OD, oxathiapiprolin) and Orondis Opti B (Bravo WeatherStik, chlorothalonil) both approved federally and in the state of Wisconsin. There is no known cross resistance to other fungicide active ingredient with this new U15 fungicide. Additionally, Orondis offers systemic, translaminar movement and redistributes to developing leaves. The fungicide is rainfast in 30 minutes, and offers flexible application methods at low rates. For more information on Orondis: syngentacropprotection.com/pdf/labels/orondis-label

Elatus fungicide has also been registered for potatoes. The fungicide is a premix of a QoI (azoxystrobin, group 11) and a third generation SDHI (succinate dehydrogenase inhibitor, group 7) known as solatenol. This fungicide offers control of Rhizoctonia, black scurf, and stem canker and is to be applied as an in-furrow treatment. In our UW trials, Elatus has provided excellent control of Rhizoctonia and silver scurf. For more information on Elatus: syngentacropprotection.com/elatus

There are no changes to AMVAC's Blocker (PCNB) fungicide labels for 2016, as per communication with Ralph Frederick on Feb 17, 2016. Blocker (pentachloronitrobenzene, AMVAC) received a 2(ee) recommendation label addition for use against common scab of potato in 2014. The primary federal label allows for use against Rhizoctonia/black scurf, silver scurf, and white mold. **AMVAC is still recommending that the usage of Blocker on a crop destined for fresh market of smaller tuber sizes (<4 oz) be limited.** For further details, please contact an AMVAC representative. Blocker is primary used in fields with common scab

pressure. Common scab is a challenging soilborne disease to manage. In our multi-year WI trials, Blocker provided the most consistent control of this disease among all treatments. Other control measures include varietal resistance, management of pH (less than 5.2) and water (avoid dry hills during tuberization), and use of soil fumigation (chloropicrin). Other fungicides applied at time of planting that have provided some control (albeit variable from year-year and field-field) include Serenade Soil and EF400.

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Wisconsin Irrigation Scheduler Program (WISP) Grower Training Workshop

Date: March 4, 2016

1:00 to 4:00 PM

Advanced Registration is required
(Limited enrollment)

Location: Hancock Ag Research Station
N3909 County Rd V Hancock, WI



Who should attend: Growers, Irrigation Managers, Crop Consultants who manage irrigation systems.

The WISP-2012 web-based irrigation scheduling program has been developed to automate some of the operations for Irrigation Scheduling such as recording daily ET, calculation of adjusted ET and setting allowable depletion set points for various fields on your farm.

This 3-hour workshop will walk you through setting up your account, setting up farms, entering center pivot information, setting up fields for each pivot and entering crop information. We will review how to determine and enter other required data - % cover, rainfall, irrigation amounts, soil moisture and field-side measured ET. Several different type/brands of soil moisture sensors will be presented; installation techniques, data collection & maintenance. This is a hands-on workshop with limited enrollment so everyone gets one-on-one assistance as needed.

Workshop Objectives

- Do initial set-up on WISP for some of your farms pivots and fields
- Learn how to set-up additional farms, pivots, fields
- What data is required and where to find it.
- How to interpret the field status page for irrigation scheduling
- Learn about types of soil moisture sensors and pros / cons of each

WISP 2016 Workshop Registration

Name: _____

Farm/Business: _____

Address: _____

City/state _____

Zip Code: _____ **Phone Number:** _____

Friday, March 4, 2016 - 1:00 to 4:00 PM

Cost: No Charge

Limited to first 20 registered

We will supply laptop computers but you may also bring your own if you desire. Needs to have a Wireless modem and a browser (Internet Explorer, Firefox, Google Chrome, Safari).

Will you be bringing your own Laptop? Yes No

Bring to the workshop - field maps, pivot locations, crops planting plans

Send form to Attention: Scott Sanford by Fax 608-262-1228;

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