PURDUE UNIVERSITY

FACTS FOR FANCY FRUIT

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A Newsletter for Commercial and Advanced Amateur fruit growers.

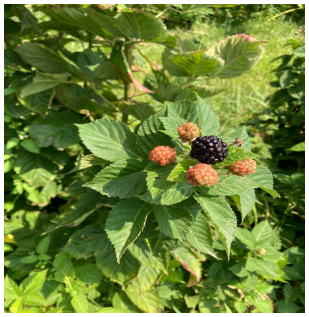
In This Issue

Crop conditions

(Wil Brown-Grimm, wbrowngr@purdue.edu)

Things are continuing to ripen up around Meigs. Apples and pears are coloring, some of the early grape varieties will be ready for harvest here in a week or so. Many watermelons are up to size and maturing. The first flush of primocane blackberries will be ripening over the next week. Yellow plums are ripe and delicious! Unfortunately, the peaches have run their course. The same can be said for the aronia and black currants.

Grapes: Maturation



Blackberry: Green to ripe fruit

Apple (Pixie Crunch): Maturation

Watermelon: Fruit maturity

Pear: Maturation

Paw Paw: Maturation

Plum: Fruit maturity

Apple (Rosalee): Maturation

AMVAC Announces Release of Zalo® Herbicide

(Stephen Meyers, slmeyers@purdue.edu)

In an IR-4 Industry Technology Session presentation on July 18, 2024, Dan Kunkel with AMVAC Corporation announced the release of Zalo® herbicide for use in pome and stone fruits. Zalo® is a premix of quizalofop and glufosinate. Quizalofop, a grass-selective herbicide, is the active ingredient in products such as Assure® II. Glufosinate, is a broad-spectrum contact herbicide marketed and sold under many trade names, including Liberty® and Rely®. Use patterns and recommendations for this premix product are similar to the individual products, including the use of ammonium sulfate (AMS) and either a crop oil concentrate (COC), non-ionic surfactant (NIS), methylated seed oil (MSO) or high surfactant oil concentrate (HSOC). As with the individual products, for the best weed control applications should be made to small, emerged, actively growing weeds. Warm, humid, and bright sunlight conditions will improve weed control as well.

The Zalo® herbicide label can be found here: https://www.cdms.net/ldat/ldJ8L003.pdf

To view this recorded product update and others presented at the IR-4 Technology Session, click here https://www.ir4project.org/events/2024-industry-technology-session/

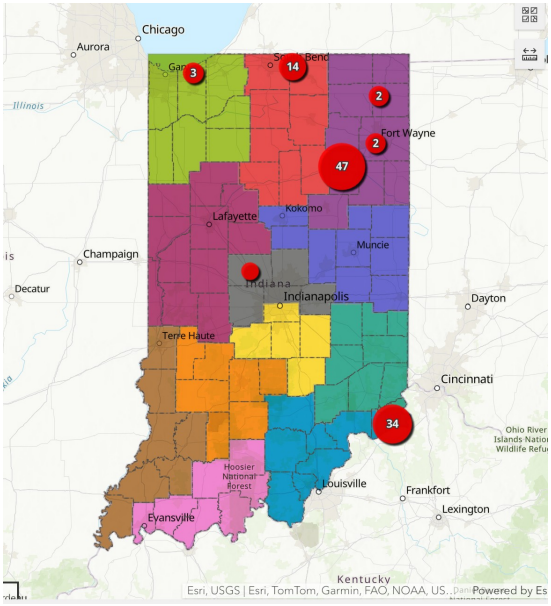
This is not an endorsement of Zalo® herbicide or its component herbicides. As with any new product or practice, adoption on-farm should be gradual until you have a sense for how it fits with your individual production system. For more information on herbicides registered for use in fruit crops, visit the Midwest Fruit Pest Management Guide online at https://ag.purdue.edu/department/hla/extension/_docs/id-465.pdf

Spotted Lanternfly Spreading Across Indiana

(Miranda Purcell, mrpurcel@purdue.edu)

A population of spotted lanternfly (Lycorma delicatula) was first identified in Indiana in July 2021 in Switzerland County. Since then, populations have been found in Huntington, Elkhart, St. Joseph, Delkab, Porter, Allen and

Noble counties. Many of these newly found sightings have been on tree of heaven (it's preferred host) along rail lines, and it is suspected that the insect will continue to move westward from infected areas along rail lines. Click here for information on identification, monitoring and and interactive map of confirmed sightings. Adults will emerge in late summer, and this is their most recognizable stage.



Suspected finds should be reported to the Indiana Department of Natural Resources using the online reporting form. Additionally, you can call 866-NO EXOTIC (866-663-9684) or email DEPP@dnr.IN.gov. Please leave your name, contact number and detailed information about what you are reporting. Photos are always appreciated. By notifying us of a potential pest problem you provide an invaluable service to the DNR and our natural resources.

For further information: https://www.purduelandscapereport.org/article/spotted-lanternfly-is-on-the-move/

Fruit growers, we want to know what's on your mind

(Stephen Meyers, slmeyers@purdue.edu)

Fruit growers, we want to know what topics you would like to learn more about at the 2025 Indiana Hort Conference & Expo. Help us bring you the tools, skills, and information you want to hear about by filling out a very short survey. Planning is in progress, so save the date! January 14-15, 2025

Take survey here

Your information is for IHC planning committee purposes only and we appreciate your time!

2024 Midwest Mechanical Weed Control Field Day

(Lori K Jolly-Brown, ljollybr@purdue.edu)

The 7th Annual Midwest Mechanical Weed Control Field Day is heading to Meigs Horticulture Research Farm in Lafayette, IN, in 2024!

This amazing event consistently draws more than 150 farmers from around the Midwest to hear from experts, meet with company representatives, network with other farmers, and experience in-field equipment demonstrations of all manner of weeding tools. Whether you have products to showcase or equipment to demonstrate, this is your opportunity to get dedicated face-to-face time with a captive audience of farmers who are interested in what you have to offer. The field day is promoted to farmers throughout the US (with a focus on the Midwest) in print, digital, and social media.

Every element of the event is crafted to maximize contact between the participants and sponsors. The morning features a dedicated Trade Show area for farmers to connect with exhibitors. Additionally, the morning includes educational events such as presentations and roundtable discussions. But, by far, the main draw is the afternoon in-field equipment demonstrations, including tools of all scales of production. The demonstrations feature everything from walk-behind tractors, autonomous weeding machines, belly-mounted vegetable tools, and 6-row camera-guided row crop cultivation tools. The demonstration plots are planted specifically for the field day so that crops are at the optimum stage for cultivation. Each sponsor runs their demonstration several times so that all attending farmers can see each demo, giving sponsors quality face-to-face time to show how their machines work in the field and to connect with farmers.

The Midwest Mechanical Weed Control Field Day is a partnership between Sam Oschwald Tilton, Purdue University, and The Land Connection (TLC). The Land Connection is a 501 (c)(3) non-profit based in Champaign, IL. TLC offers training, resources, and support to farmers, food businesses, and eaters so that together, we can realize a more just, equitable, and sustainable food system that we know is possible. All sponsorship funds are used for the organization and execution of the Midwest Mechanical Weed Control Field Day.

Visit the event registration website to see videos, press coverage, and sponsor testimonials from the previous six years of the field day.

Registration is $75.

Thank you for being an integral part of sustainable agriculture,

Crystal Siltman and Jesse Schaffer, Farmer Training Coordinators, The Land Connection

Sam Oschwald Tilton, MMWCFD Event Founder and Organizer, Glacial Drift Enterprises

Website: https://www.thelandconnection.org/event/2024-mmwcfd/

Sponsorship Packet

Flyer

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