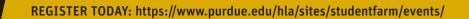
Small Farm 2021 Education Field Day and Webinar Series

Field Day July 29 in-person at the Purdue Student Farm

Webinar Series August 2 - 13 live, online education



Please join us for the 2021 Small Farm Education Field Day and Webinar Series!

This year we're happy to offer an <u>in-person</u> Field Day on July 29 at the Purdue Student Farm in West Lafayette and live, online education seminars August 2 – 13 as a webinar series.

QUESTIONS? Contact . . . Petrus Langenhoven: (765) 496-7955 - <u>plangenh@purdue.edu</u>

Lori Jolly-Brown: (765) 494-1296 • <u>ljollybr@purdue.edu</u>

REGISTER TODAY!

<u>Click to register</u> or scan the QR code →

A Zoom link for the webinars will be emailed to you after registering.



MONDAY, AUGUST 9

12:00 - 1:30 pm EST

Moderator: Petrus Langenhoven

Control of Bacterial Spot of Tomato Using Alternative Products

Dan Egel, Purdue University

Bacterial spot of tomato is a huge limitation to field production of tomatoes in Indiana. Lesions on foliage and fruit reduce fruit quality and/or yield. Traditionally, copper products have been used to combat bacterial spot. However, a survey of bacterial spot in Indiana revealed that 80% of fields were affected by bacterial spot strains that are resistant to copper. In addition, copper may reduce vigor of plants and may accumulate in the soil. Therefore, many growers are interested in alternative products for bacterial spot control. Alternative products that will be discussed include: plant defense inducing products, peroxide/peroxyacetic acid and biological controls. These products will be compared with grower standard products. Both organically listed products and conventional products will be discussed.

Perennial Weeds and Their Management

Stephen Meyers and Jeanine Arana, Purdue University

Perennial weeds like dandelion, dock, and Canada thistle establish over time, and it takes a dedicated effort to manage them in the long-term. Learn which management tactics work and which could make your perennial weed problems worse.

Small-scale Onion Production and Postharvest Handling Tips

Petrus Langenhoven and Chris Adair, Purdue University

In 2020, we started to test different long day onion varieties at the farm This year, we have included ten onion varieties in the demonstration. During this presentation we would like to talk about seedling production, field preparation, planting techniques, nutrient management, irrigation, pests, and storage. We will also discuss 2020 onion yields.



Daniel S. Egel conducts statewide vegetable disease research and extension programs at Purdue University. Current efforts include managing tomato diseases with organic or alternative products

and finding solutions to Fusarium wilt of watermelon transplants. Dr. Egel also runs the National <u>MELCAST</u> program, a weather-based disease-forecasting program. Dan received his B.S. degree in Botany from Miami University in Oxford, Ohio, his M.S. degree in Forestry from Purdue University and his Ph.D degree in plant pathology from the University of Florida.



Dr. Meyers joined the faculty in the Purdue University Department of Horticulture and Landscape Architecture as an Assistant Professor in August 2019. He conducts research in weed biology,

weed-crop interactions, herbicide tolerance, and integrated weed management strategies and provides the state's specialty crop producers with timely, research-based weed management recommendations.



Dr. Petrus Langenhoven is a Horticulture and Hydroponics Crops Specialist in the Department of Horticulture and Landscape Architecture at Purdue University. His strong background in horticulture

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Student Farm

production research and Extension allows him to leverage research and Extension programming around new technologies and expertise in high tunnel and greenhouse management and open field vegetable production. He co-chair's the <u>Indiana Horticultural Conference and Expo</u> and is co-director of the <u>Purdue Student Farm</u>.



Jeanine Arana hails from Nicaragua and is a second year Masters student in Purdue's Department of Horticulture and Landscape Architecture under Dr. Stephen L. Meyers' program. At Purdue, she is specializing in weed science. Her research focuses on evaluating the interference of morningglories with specialty crops, and the tolerance of specialty crops to herbicides.



Chris Adair is the <u>Purdue Student Farm</u> Manager in the Department of Horticulture and Landscape Architecture at Purdue University. His focus is to manage the farm as a functioning living laboratory that maximizes sustainable vegetable and herb production, student and grower engagement, and research.