Small Farm Education Field Day and Webinar Series

2021

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

Webinar Series
August 2 - 13
live, online education

PRESENTED BY:
The Purdue Student Farm
and
PURDUE UNIVERSITY
Horticulture and Landscape Architecture

REGISTER TODAY: https://www.purdue.edu/hla/sites/studentfarm/events/

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

This year we're happy to offer an in-person 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 . . .
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REGISTER TODAY!

Click to register or scan the QR code →

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

FRIDAY, AUGUST 13

12:00 – 1:30 pm EST

Moderator: Rachel Rawls

Pathogens of Hemp

Marguerite Bolt, Purdue University

Hemp growers face considerable risks because they are producing a regulated crop that was reintroduced after a decade's long prohibition. The most obvious risk is having a crop that tests higher than 0.3% tetrahydrocannabinol (THC) on a dry weight basis. There are other risks growers face. Over the course of 2019 and 2020 growers observed many different diseases in their crop. These included root, stem and crown, and foliar diseases. Purdue researchers are identifying diseases in outdoor and indoor grown hemp and how to manage them. This talk will focus on disease identification and management strategies.

Biological Control of Hemp Aphids

Laura Ingwell and Eze Pojmann, Purdue University

Hemp aphids are an abundant and prolific pest in hemp production systems, especially when grown in controlled environments. Join us as we share our experiences with commercially available natural enemies, including three species of parasitoid, lady beetle and lacewing larvae applied to control hemp aphids. We will discuss their efficacy and prey preference size.

Aphid and Mite Management in High Tunnel Strawberries

Laura Ingwell, Purdue University

Using high tunnels for annual strawberry production offer a great avenue to diversify high tunnel cropping systems, increase the availability of locally-grown strawberries and increase farm revenue in early spring. Strawberries in the high tunnels over winter also provide a resource for aphids and mites. In this presentation, Dr. Ingwell will share 2-years of experience evaluating a variety of biopesticides to manage these two prolific pests.

Marguerite Bolt is the hemp extension specialist at Purdue University in the Department of Agronomy. She received her bachelor's degree in the Department of Entomology from Michigan State University and her master's degree in the Department of Entomology from Purdue University. Her research previously focused on hemp-insect interactions and plant chemistry. She is currently working on her doctorate degree in the Department of Botany and Plant Pathology at Purdue, focusing on disease management in outdoor grown hemp. In her role as an extension specialist, she is serving as a catalyst to link growers to production facilities and the research community through online resources, webinars, field days, and workshops.

Dr. Laura Ingwell is a Horticultural Crops Entomologist with an interest in applied research and extension. She has experience with protected environment production and is interested in biological control and pollinator conservation. Dr. Ingwell manages the cornearworm trapping network and has worked on pest management in cucurbit crops and most recently strawberries. She is also involved in the Diversified Farming and Food Systems program at Purdue and assists with the organization of the Indiana Small Farm Conference.

Eze Pojmann is an MS student at Purdue University. Under Dr. Laura Ingwell, he is researching the potential of LEDs as a pest control tool in hemp. His research focuses on manipulating light quality to suppress hemp aphids and aid aphid predators. Eze is from Columbia, Missouri where he earned a BS in plant science at the University of Missouri. He also studied sustainable agriculture at EARTH University in Costa Rica.