

# HLA Happenings

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## In This Issue

- The Purdue Arboretum and HLA Student Volunteers Plant Hundreds of Trees at Horticulture Park
- Dr. Krishna Nemali Presented Hydroponics to Miami County Master Gardeners
- Hoagland Lab Members Attended Midwest Microbiome Symposium
- Recent Papers from Turfgrass Researchers
- Dr. Celina Gómez and Dr. Cary Mitchell Visits the Japan Plant Factory Association
- Jules Janick Horticulture Garden Featured in Purdue Agriculture News
- More Photos Added to HLA Research and Design Retreat Photo Gallery
- Jules Janick Horticulture Garden Tuesday – May 14, 2024
- Purdue Boilermaker Vegetable Season Pass Is Back!
- Hydroponics for Everyone Workshop
- Purdue Hydroponics and Greenhouse Crop Production Webinar Series
- Purdue Small Farm Education Field Day
- Purdue Fruit and Vegetable Field Day
- Save the Date: Purdue Turf and Landscape Field Day

## The Purdue Arboretum and HLA Student Volunteers Plant Hundreds of Trees at Horticulture Park

This year, the [Purdue Arboretum](#) reached another milestone. In 2019—together with [Purdue Grounds Department](#), [Campus Planning](#), and [Architecture and Sustainability Facilities](#)—they proposed that 1869 trees would be planted on campus over a period of 5 years, as part of a Tree Planting Master Plan initiative. This number quickly grew to 3738 trees, which was determined by doubling 1869—the year Purdue was founded.

The last group of trees to be planted this spring fell into the hands of arboretum director, Paul Siciliano and a team of volunteer students. Siciliano and the Grounds Department were there to help deliver trees to [Horticulture Park](#), while the tools and decision-making power was left to the students' hands. Siciliano notes that "Hands on experience like this gives horticulture and landscape architecture students a chance to learn more about trees and apply their knowledge from class."

Student workers for the Arboretum were a part of the tree selection and location process at Horticulture Park. Their focus was to increase the population of native plant species.



Kayla Edgerly, Landscape Architecture Student, Purdue Arboretum Student Staff Leader



Madeline Budan, Landscape Architecture Student, Purdue Arboretum Student Staff Leader





Pictured left to right: Landscape Architecture Students and Arboretum Staff, Madeline Budan, Grace Wagner, Kayla Edgerly, and Josh Bailey

Siciliano and the students selected many native plant types like witch hazels, dogwoods, prairie crabapples, redbuds, serviceberries and more. These new plantings will positively impact the environment, wildlife, and the community for generations to come.

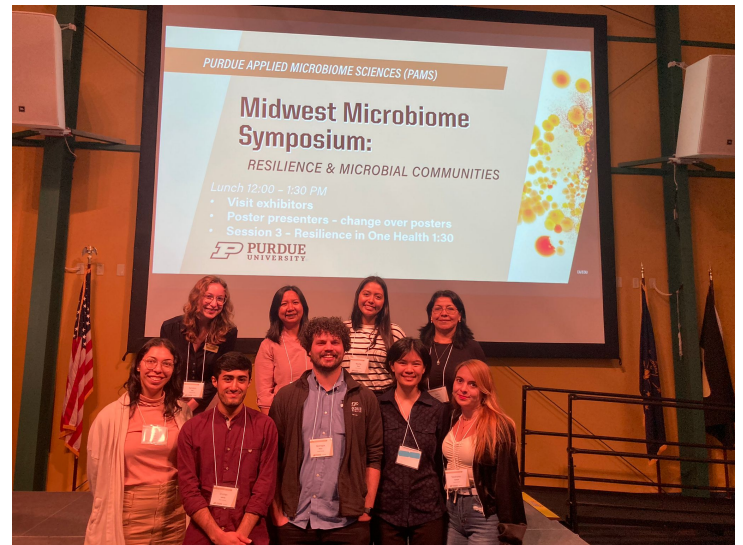
Siciliano regards the contribution of our students as a major factor in the success of the Arboretum. This final student-led planting at Horticulture Park is an example of their hard work and passion for creating a beautiful and sustainable landscape on Purdue's campus. They've left a living mark on Purdue.

## Dr. Krishna Nemali Presented Hydroponics to Miami County Master Gardeners



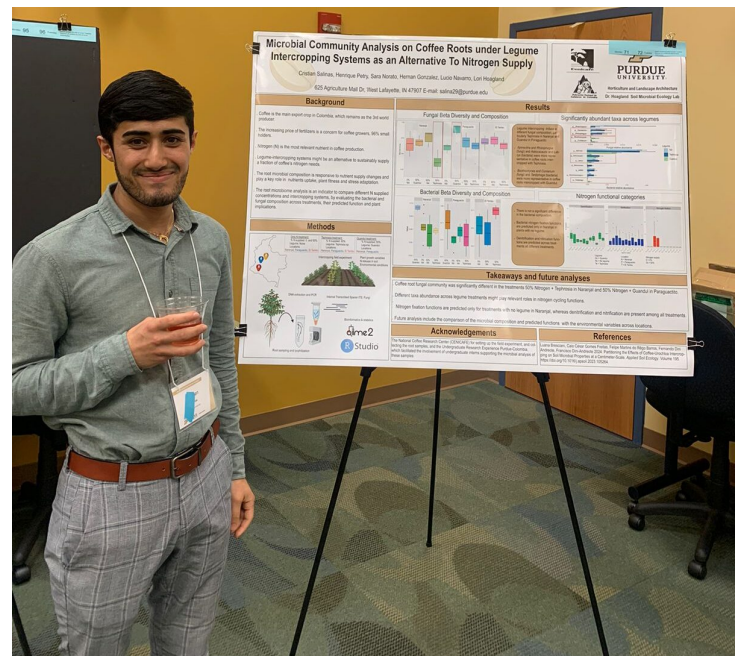
**Krishna Nemali** was invited to present about 'Home Hydroponics' to Miami County Master Gardeners in Peru, Indiana this week. The presentation described the benefits of producing food crops in homes, introduced two different types of home hydroponic systems, and additional resources available at Purdue for home gardeners.

## Hoagland Lab Members Attended Midwest Microbiome Symposium

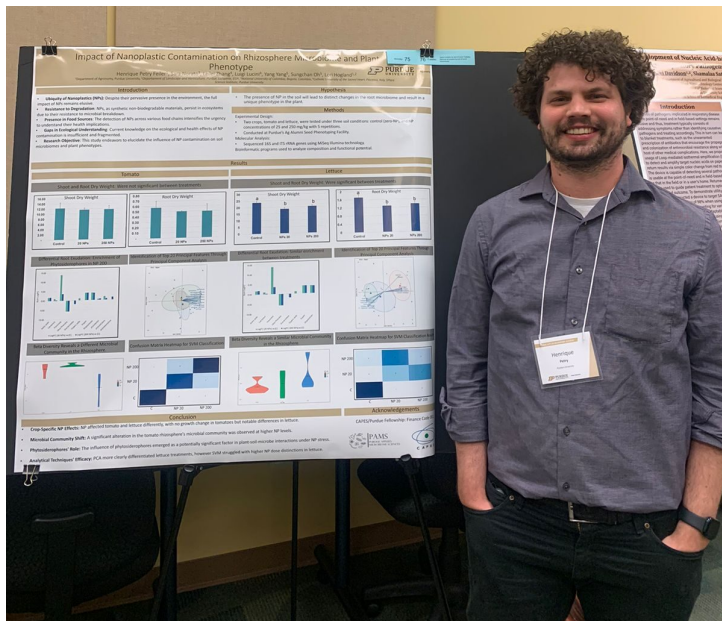


The **Hoagland Lab** joined the Midwest Microbiome Symposium hosted this year by Purdue from 13th through 15th May at Beck Center.

**Henrique Petry** and **Cristian Salinas**, both PhD students, presented their posters on nanoplastics effect on tomato and lettuce microbiome and coffee root endophytes response to legume intercropping.







## Dr. Celina Gómez and Dr. Cary Mitchell Visits the Japan Plant Factory Association

**Celina Gómez** and **Cary Mitchell** along with OptiMLA project colleagues from around the USA are in the Tokyo suburb of Kashiwa May 15-19 to visit the Japan Plant Factory Association, give papers about their indoor agriculture research, and to visit several progressive plant factories in that area.

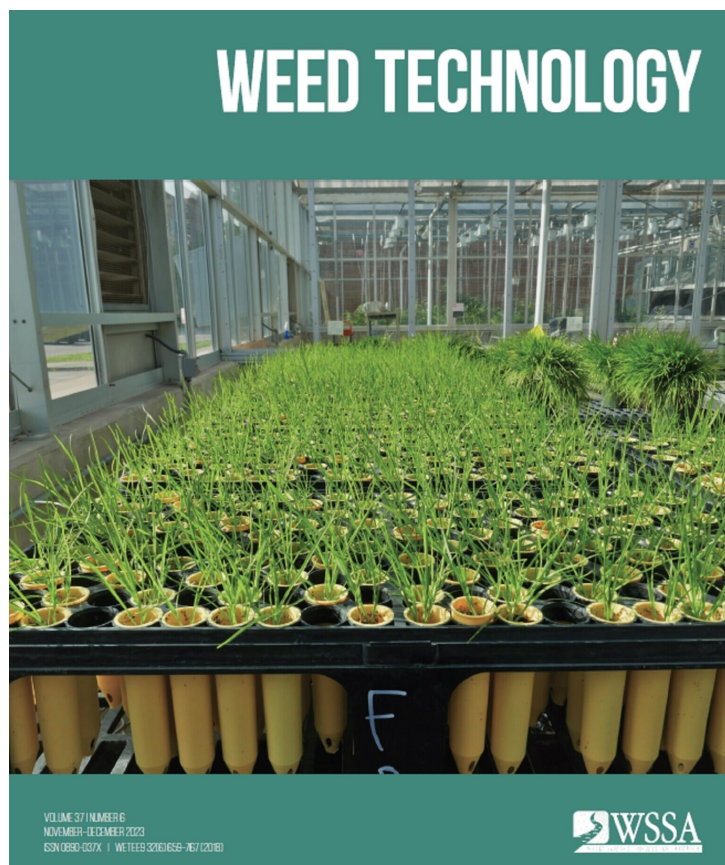
## Jules Janick Horticulture Garden Featured in Purdue Agriculture News

Purdue Agriculture featured a story on the Jules Janick Horticulture Garden on their website: [April Showers Bring May Flowers to Jules Janick Horticulture Garden](#)

## Recent Papers from Turfgrass Researchers

**Vera Vukovic, Brandon McNally, Aaron Patton** and co-authors published paper in Crop, Forage & Turfgrass Management titled "A survey of ethofumesate resistant annual bluegrass (*Poa annua*) on US golf courses."

In December last year, **Vera Vukovic, Brandon McNally, Cale Bigelow, Stephen Meyers, Aaron Patton** and co-authors published a paper in Weed Technology titled "Ethofumesate-resistant annual bluegrass (*Poa annua*) in grass seed production systems." The supplemental photo was chosen as a cover for journal's issue.



## More Photos Added to HLA Research and Design Retreat Photo Gallery

Additional photos, courtesy of Dhuha Mohamed, have been added to the [HLA Research and Design Retreat Gallery](#).

## Jules Janick Horticulture Garden Tuesday - May 14, 2024



Blueberry Sundae False Indigo  
*Baptisia 'Blueberry Sundae'*

**PURDUE UNIVERSITY** Jules Janick Horticulture Garden





Butterfly Blue Pincushion Flower  
*Scabiosa columbaria* 'Butterfly Blue'

 **PURDUE**  
UNIVERSITY.  Jules Janick  
Horticulture Garden



Narrow Leaf Bluestar  
*Amsonia hubrichtii*

 **PURDUE**  
UNIVERSITY.  Jules Janick  
Horticulture Garden



Firefly Coral Bells  
*Heuchera* 'Leuchtkafer'

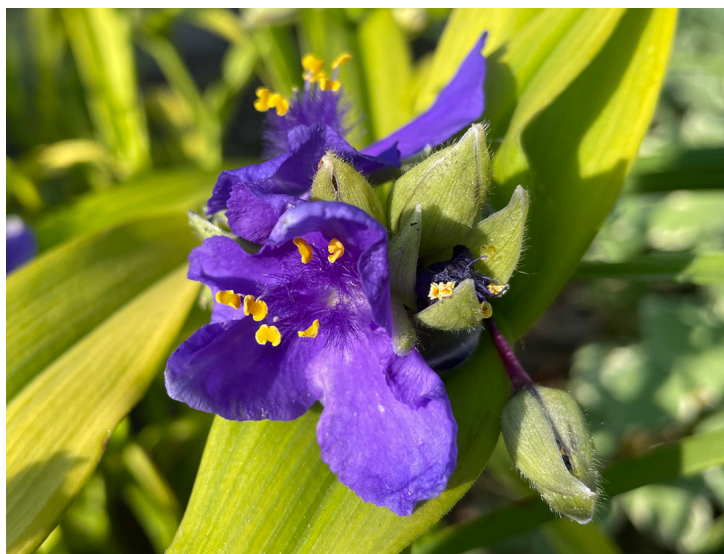
 **PURDUE**  
UNIVERSITY.  Jules Janick  
Horticulture Garden



Prairie Twilight Beardtongue  
*Penstemon* 'Prairie Twilight'

 **PURDUE**  
UNIVERSITY.  Jules Janick  
Horticulture Garden





Sweet Kate Spiderwort  
*Tradescantia* (Andersonian Group) 'Sweet Kate'

**PURDUE UNIVERSITY** Jules Janick Horticulture Garden



Thumbell Blue Scottish Harebell  
*Campanula rotundifolia* 'Thumbell Blue'

**PURDUE UNIVERSITY** Jules Janick Horticulture Garden

## Purdue Boilermaker Vegetable Season Pass Is Back!



The [Purdue Boilermaker Vegetable Season Pass](https://purdue.ag/studentfarm) is back for 2024!

Take a giant leap towards supporting the **Purdue Student Farm**. Sign up for the Boilermaker Vegetable Season Pass to get your box of Purdue-grown vegetables, herbs, and fruits! Once you have signed up, you have the option to pay by check or credit card. See the signup confirmation email for details.

There are two share purchase options for 2024: Weekly & biweekly. [Sign up today!](#)

## Hydroponics for Everyone Workshop



Hydroponics training is offered to everyone in May and June at Purdue University. Interested participants can choose either May or June session. There will be four classes for each session on Saturdays from 9am-4pm. Training will be provided at the state-of-the-art Purdue hydroponics facility located in the Department of Horticulture and Landscape Architecture, 625 Ag. Mall Drive, West Lafayette, IN 47907

Registration fees are \$300 per participant. Use the following links to register:

May session [HYDROMAY | Purdue Ticket Office \(ticketmaster.com\)](#)

June session [HYDROJUN | Purdue Ticket Office \(ticketmaster.com\)](#)

### Course Highlights

- Taught by Purdue faculty \*
- Extensive hands-on experience \*
- Lunch included with free parking \*
- Receive printed materials, plants, and seedlings \*
- Limited number of participants per session \*

## Purdue Hydroponics and Greenhouse Crop



## Production Webinar Series

### Purdue Hydroponics and Greenhouse Crop Production Webinar Series (2024)

Registration is free

Register here for all webinars: [https://purdue.ca1.qualtrics.com/jfe/form/SV\\_e5UHHpJ4UtdQ0QK](https://purdue.ca1.qualtrics.com/jfe/form/SV_e5UHHpJ4UtdQ0QK)

1. Nutrient Management in Recycling Hydroponic Systems (April 15, noon to 1 pm)
2. Temperature Management (Summer/ Winter) in Greenhouses (May 15, noon to 1 pm)
3. Organic Lettuce Production in Hydroponic Systems (June 12, noon to 1 pm)
4. How to Build an Indoor Hydroponic Production System for Homes and Schools (Aug 21, noon to 1 pm)
5. Fundamentals of Soilless Substrates for Floriculture Crop Production (Sep 18, noon to 1 pm)

Purdue Controlled Environment Agriculture Research & Extension

#### Contacts for additional information

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ljollybr@purdue.edu)  
Dr. Krishna Nemali (knemali@purdue.edu)



Register for the Purdue Hydroponics and Greenhouse Crop Production Webinar Series.

## Purdue Small Farm Education Field Day

### PURDUE SMALL FARM EDUCATION FIELD DAY

JULY 25, 2024

at the Purdue Student Farm

<https://www.purdue.edu/hla/sites/studentfarm/events/>

REGISTRATION NOW OPEN



REGISTRATION NOW OPEN!

Attendees, exhibitors, and sponsors register here: [Purdue Small Farm Education Field Day](#)

Please join us for the Purdue Small Farm Education Field Day on July 25, 2024, at the Purdue Student Farm, 1491 Cherry Lane, West Lafayette, IN 47906. Registration starts at 8 a.m., and the educational tours will be from 9 a.m. to 12 p.m. A food truck will be on site for lunch purchases.

The 2023 Purdue Small Farm Education Field Day was a huge success! This year's field day will again offer demonstration stations where you can interact with specialists and learn about a variety of topics: food safety updates, packhouse tours, weed and insect management, crop production, and more. As a bonus, all attendees will receive a FREE [Vegetable Crops Hotline](#) newsletter subscription and a FREE ice-cold treat from the Kona Ice truck, compliments of HLA and Purdue Extension.

## Purdue Fruit and Vegetable Field Day

It is the policy of the Purdue University that all persons have equal opportunity and access to its educational programs, services, activities, and facilities without regard to race, religion, color, sex, age, national origin or ancestry, marital status, parental status, sexual orientation, disability or status as a veteran. Purdue is an Affirmative Action Institution. This material may be available in alternative formats.

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## Purdue Fruit and Vegetable Field Day

REGISTRATION NOW OPEN

THURSDAY, JULY 18, 2024

Purdue Meigs Ag Center  
9101 S 100 E, Lafayette, IN 47909



REGISTRATION NOW OPEN!

Register here: [Purdue Fruit and Vegetable Field Day](#)

Please join us again this year for the Purdue Fruit & Vegetable Field Day, presented on July 18, 2024, at the Purdue Meigs Ag Center, 9101 S 100 E, Lafayette, IN 47909. Registration starts at 8 a.m., and educational tracks are scheduled between 9 a.m. and 12:30 p.m. Lunch is included in registration.

The 2023 field day was a hit. It featured Purdue Extension's specialty crop research to 90 attendees, who left with positive feedback. Excited for 2024, the event promises interactive demonstrations on topics like weed and insect management, pollinators, soil health, apple orchard systems, bird control in vineyards, and more. As a bonus, all attendees will receive a free [Vegetable Crops Hotline](#) newsletter subscription! For more information about the field day, visit the [Purdue Fruit and Vegetable Field Day](#) web page.

## Save the Date: Purdue Turf and Landscape Field Day

### PURDUE TURF & LANDSCAPE FIELD DAY 2024

SAVE THE DATE

JULY 16, 2024

at the W. H. Daniel Turfgrass  
Research & Diagnostic Center  
<https://www.mrtf.org/event/turf-and-landscape-field-day>



### Newsletters:

Facts for Fancy Fruits: <https://fff.hort.purdue.edu>

Vegetable Crops Hotline: <https://vegcropshotline.org/>

Purdue Landscape Report: <https://www.purduelandscape.org>