

INSIDE AGRONOMY

ISSUE 26 - SEPTEMBER 29, 2025

PURDUE
UNIVERSITY

Agronomy

All issues of *Inside Agronomy* are available on the Agronomy website.

PURDUE AGRICULTURE

2025 COLLEGE ROADSHOW

JOIN US FOR A LIVE TAPING OF *AgDay College Roadshow!*

Thursday, October 2

10:30 a.m. - 12 p.m.

AGAD Lawn

Bring your game-day energy and show how Purdue College of Agriculture's students are difference-makers.

► Chance to Win \$250 Visa Gift Card!

Get creative with a game day-style sign and win the chance to take home a \$250 Visa gift card. The best/most creative signs will be entered for a chance to win.

Arrive by 10 a.m. to make your sign!

► Chance to Win \$1,500 for a Student Organization!

Create an Instagram Reel or TikTok video showcasing how your group works to **Be the Difference** on campus, in your communities and in agriculture.



Scan for contest details.



PURDUE
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EA/EDU

PLASTIC CAP COLLECTION

Hosted by the Agronomy Club

500 LBS of Caps & Lids = 1 Bench!
Bench to be placed at ACRE Wetlands

PLEASE NOTE: Caps should not contain any metal or rubber/paper seals

The Agronomy Club is collecting plastic caps and lids. Collection containers have been placed throughout the department, including in the kitchen and main office. Please see the note at the bottom of the graphic to the right regarding types of lids to avoid.

WPS Training

The USEPA mandates pesticide safety training for employees who encounter agricultural use pesticides while working at a farm, greenhouse, nursery, or forest and do not possess a Certified Pesticide Applicators license. To ensure compliance, EHS is offering Worker Protection Standard (WPS) training at the times and location listed below. Annual training is required.

October 13, 10am - 11am

LILY 2425

October 16, 9am - 10am

LILY 2425

October 21, 1pm-2pm

LILY 2425

Contact Jennifer Kraus, jakraus@purdue.edu with any questions or concerns.

DO YOU HAVE NEWS TO SHARE?

Email the details and photos to Stephanie Orem at sorem@purdue.edu

Inside Agronomy is a bi-weekly newsletter that is emailed out to all agronomy staff, students, and retirees.

GRAIN CENTER DEDICATION

THURSDAY, OCTOBER 16TH | 3 PM

@ NEW ACRE GRAIN BINS

REMARKS, REVELRY,
& REFRESHMENTS

**THIS WILL BE AN
OUTDOOR EVENT*

RSVP



purdue.ag/acre-bin-dedication



Agronomy Center for
Research and Education



BOILERMAKER RECEPTION

AT



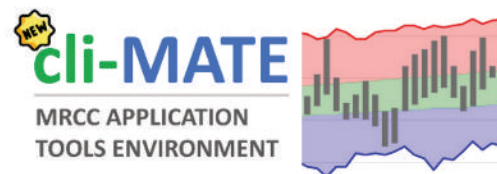
11/10/2025 • 5:30-7:30 PM

LOCATION TBA - LIGHT HORS D'OEUVRES WILL BE SERVED



Explore the New cli-MATE: Your self-service portal to U.S. climate data, maps, and more

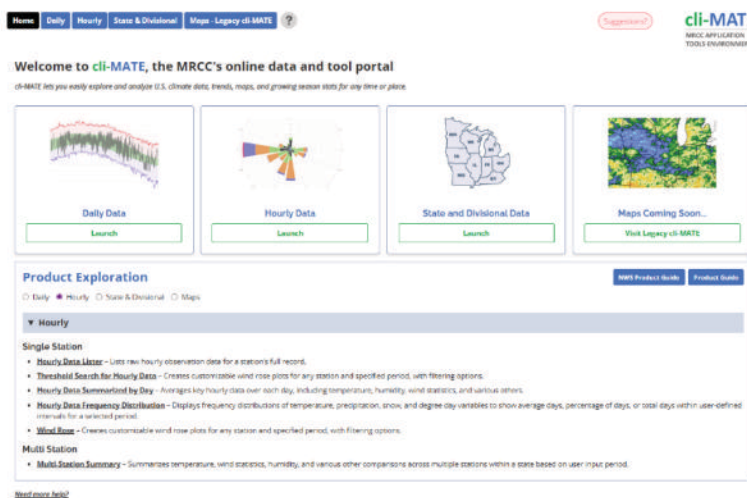
The [Midwestern Regional Climate Center \(MRCC\)](#) has launched a new version of [cli-MATE](#), its main online portal for United States climate data, analyses, statistics, maps, graphics, and other information. For over [40 years](#), MRCC has provided climate data to the public—initially through printed reports and later digitally as web access grew. The latest redesign of cli-MATE builds on this history, offering streamlined access to US climate data.



Through cli-MATE, users can explore weather and climate data at multiple time scales (hourly, daily, monthly, seasonal, and annual) from reporting stations across the country. The platform serves a wide array of users. For instance:

- TV meteorologists use the platform to compare current data to historical records.
- Researchers rely on cli-MATE for climate model verification and enhancement.
- Consulting meteorologists use it to confirm storm damage and support casualty investigations.
- Emergency managers turn to the platform to guide search and rescue operations.
- Agronomists monitor crop growth progress with various degree day offerings.
- State agencies incorporate cli-MATE data into hazard mitigation strategies.

While new features had been added steadily over the past 15 years, the prior version of cli-MATE faced growing challenges as advances in web and software technology began to outpace system updates. Thanks to financial support from [NOAA's National Centers for Environmental Information \(NCEI\)](#), the MRCC undertook a multi-year effort to overhaul the back-end code and front-end design for an improved user experience.



The result is a portal that reflects both modern data needs and user feedback. The updated cli-MATE offers a cleaner interface with enhanced styling for a more straightforward and intuitive user experience, along with faster and more dependable performance, and revamped products. The MRCC design team set out to build a system both powerful and accessible, ensuring cli-MATE offers deep analytical capabilities for experts while remaining approachable for first-time users.

If you're unsure how to start with cli-MATE, check out the [help page](#), which offers step-by-step instructions for exploring the platform. The [cli-MATE homepage](#) includes a Product Exploration section that describes each available tool. Additionally, a [Product Guide](#) is available with detailed navigation information for various products. While cli-MATE provides significant improvements over its predecessor, the MRCC continually updates the system and introduces new products. Map products currently return users to the legacy cli-MATE interface, but will soon be replaced with newer, high-resolution mapping products in the updated environment.

If you have feedback, the MRCC wants to hear about it! Submit your comments [here](#). Also, please don't hesitate to email mrcc@purdue.edu with any questions.

CLICK ON THE IMAGE TO READ INDIANA CORN UPDATE - ISSUE 21



From South to North

- **Indiana's Corn Progress Update**

Purdue Corn Team Research Update

Indiana & USA: Corn Dashboard

USDA Crop Production Report

Improving Diagnosis and Tactical N Management in Corn



Agronomy

INSIDE THIS ISSUE

SEPTEMBER 2025 | ISSUE 22



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Please join us on October 2nd for an exciting event. We'll kick off the chili cook-off with a professional development talk by our invited speaker, Hugo Medeiros from Syngenta and then get ready to taste and judge some of the best chili recipes around! Everyone is welcome!

Whether you're a seasoned chef or a first-time chili maker, we highly encourage everyone to participate! It's all about having a great time. This isn't just a competition, it's a fantastic opportunity to bring our grad students, postdocs, and faculty together.

Don't forget to sign up for the competition and let AGSO know if you'll be bringing your best chili to share. There will be amazing prizes for the top chili entries.

If you have any questions or need more information, feel free to reach out.

Get ready for a fantastic event—we can't wait to see you there!

Thank you,
AGSO

AGRY GSO Presents:

CHILI COOK-OFF

Prizes for the TOP 3!



**Sign up
here!**



**Submit your favorite warm autumn chili or simply join us,
taste test, and help crown the winner!**

Thursday, October 2 from 11:30-2:00! @LILY 2-425

Purdue United Way Campaign

2025 Purdue Theme: Local Giving. Lasting Impact.

Campaign Dates: September 22 – November 5

Dean Jim Bullard – Purdue United Way Campaign Champion



What does your dollar buy?

- \$1 per week (\$52 per year) provides weekly books to children attending one of the 11 Kindergarten Countdown Camps.
- \$2 per week (\$104 per year) provides a scholarship for a student to attend a week of summer camp.
- \$3 per week (\$156 per year) pays for a school lunch allowing a student working on their GED to study longer.
- \$5 per week (\$260 per year) allows five seniors to participate in a wellness program.
- \$7.50 per week (\$390 per year) supplies bus tokens to a working parent providing transportation.
- \$8 per week (\$416 per year) provides a weekly backpack of food to a family with food insecurities.
- \$10 per week (\$520 per year) sponsors two children to attend Kindergarten Countdown Camps for four weeks or moves a homeless family of four into permanent stable housing.
- \$15 per week (\$780 per year) supports 4 classrooms of Read to Succeed volunteers in one of 20 area public schools.

CORINNE ALEXANDER

Spirit of the Land-Grant Mission Award 2025



College of Agriculture

Dr. Linda Lee

*DISTINGUISHED PROFESSOR OF
AGRONOMY*

Wednesday, October 22, 2025

Seminar: 2:00 pm to 3:00 pm

Reception: 3:00 pm to 3:30 pm

Deans auditorium, PFEN 241



Dr. Lee is an outstanding example of faculty embracing the land grant mission to improve the lives of people around the world. She has gained a national and international reputation based on her basic process-level research to unravel the complexity of environmental dynamics of a broad spectrum of mixtures of contaminants."

— LAURA C. BOWLING, PROFESSOR AND HEAD, DEPARTMENT OF AGRONOMY



An equal access/opportunity university.

SPRIT OF THE LAND GRANT MURAL IN STEWART CENTER

AGRONOMY FALL 2025 SEMINAR SERIES

**Mondays at
2:30 p.m.
LILY 2-425**
(unless otherwise noted)

**Join friends and
colleagues as they
discuss the latest
in Agronomy and
other related
topics.**

Zoom links for virtual attendance and online-only seminars will be shared closer to their scheduled date.

A detailed flyer will be shared prior to each seminar. Please refer to the specific event flyer for any changes.

**Visit the Agronomy
Seminar Series Website at:
purdue.ag/agryseminars
or by scanning the QR code
below.**



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Date	Speaker
September 8th	Dr. Shalamar Armstrong - Purdue University Topic: Contributions of Cover Crops to Sustainably Intensified Agricultural Systems Host: Dr. Eileen Kladvko
September 15th	Dr. Alex Lipka - University of Illinois Topic: Leveraging recent biological findings and resources into crop statistical genetics Host: Dr. Diane Wang
September 19th 10:30 a.m.	Dr. Jianhua Yu - University of California, Irvine Distinguished Ag Alumni Special Seminar Host: Dr. Laura Bowling
September 22nd	Dr. Shofi Islam - Indiana Crop Improvement Association Topic: Indiana Crop Improvement Association R & D overview and potential collaboration Host: Dr. Torbert Rocheford
September 29th	Dr. Abebe Menkir International Institute of Tropical Agriculture Hosts: Dr. Torbert Rocheford & Dr. Gebisa Ejeta
October 6th	Dr. Mike Castellano - Iowa State University Topic: "The Iowa Nitrogen Initiative: Integrating research, extension, and education for the benefit of all" Host: Dr. Ignacio Ciampitti
October 20th	Dr. Caio Canella Vieira - University of Arkansas Topic: Soybean Breeding Host: Dr. Katy Rainey
October 27th	Dr. Bo Guo - University of Arizona Topic: Fate and Transport of PFAS Hosts: Dr. Linda Lee & Dr. Laura Bowling
November 3rd	Dr. Bryan Runck - University of Minnesota Topic: TBD Host: Dr. Diane Wang
November 17th	Dr. Scott Jackson - University of Georgia Topic: Designer Crops - Integrating Engineering and Biology to Meet Future Demands Host: Dr. Jianxin Ma
November 24th	Dr. Max Leung - Arizona State University Topic: Cannabis Sativa, The Environment, and Your Health Host: Dr. Yichao Rui
December 1st	Dr. Veena Veena - Danforth Plant Science Center Topic: "Unlocking the Potential of Plant Genetic Engineering: Opportunities and Challenges" Host: Dr. Cankui Zhang
December 8th	Dr. Lisa Ainsworth - University of Illinois Topic: Optimizing soybean canopies for improved photosynthesis in current and future atmospheres Host: Dr. Jianxin Ma

POSTER PRINTING GUIDELINES



Poster printing requests must be submitted 24-hours in advance of the time the poster needs to be picked up. Last minute requests are not guaranteed to be printed.

Posters should be designed in the size needed and saved as a PDF file prior to requesting print.

Posters may be designed in either landscape or portrait directions, however one direction must not exceed 41.5" (*landscape not more than 41.5" in height and portrait not more than 41.5" in width*).

PROOF PROOF PROOF

BEFORE you request that your poster be printed, ensure that it has been proofed by your faculty and anyone else that is knowledgeable about the information included. It is very expensive to print posters and reprints due to lack of proofing is an unnecessary expense.

Poster printing is for Agronomy & Botany only. Please do not direct your peers from other departments to request a poster print from the Agronomy Main Office. Requests from students outside of these departments will be denied.

Be sure you are following the poster guidelines

<https://ag.purdue.edu/departments/agry/about/posters.html> or by scanning the QR code.



Please email your poster as a PDF to:
AGRYadmin@purdue.edu