ISPA Newsletter 7(8) August 2019: Upcoming Events, Jobs, - Re-post

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International Society of Precision Agriculture

MONTHLY NEWSLETTER



US Ag Dealers Lead the Way on Precision Agriculture

Bruce Erickson, Purdue University, and James Lowenberg-DeBoer, Harper Adams University

The 19th CropLife-Purdue Survey of precision agricultural practices by US agricultural input dealers shows that the American grain and oilseed sector continues to lead the way with commercialization of digital technology. Some highlights from the 2019 survey:

- Ninety two percent of the respondents used some type of Geographic Positioning System (GPS) guidance in providing farmers with custom fertilizer and pesticide application services. Ninety percent of respondents use autosteer and over half of dealers use both lightbars and autosteer.
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- Most dealers are now using pooled farm data to make soil fertility and seed decisions. For crop nutrient decisions, 80% of dealers said phosphorus and potassium decisions were at least somewhat influenced by pooled data, up from 43% just two years ago, and 79% saying nitrogen decisions were being influenced, up from 39% in 2017.
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- Dealers expect variable rate application of pesticide to increase dramatically in the next three years. For the last decade about 20% of ag dealers have been offering VRT pesticide application, but respondents expect that to jump to 50% by 2022. That dramatic increase is probably related to technical developments in machine vision and weed recognition which will allow dealers to offer target weed control services to farmers in the near future.

The full CropLife article is available at: https://www.croplife.com/management/2019-precision-agriculture-dealership-survey-more-moves-toward-decision-agriculture/

Upcoming Events

25-27 FEB 2025
GIS & Drone Applications in Agriculture Conference

29 JUN - 3 JUL 2025
15th European Conference on Precision Agriculture
Barcelona, Spain
ecpa2025.upc.edu/

22-31 AUG 2025
XXXII ISSCT Centennial Congress
Cali, Colombia
issctcennial.com/

14-16 OCT 2025
11th Asian-Australasian Conference on Precision Agriculture
Chiayi, Taiwan
ispag.org/Events/ACPA

2-4 FEB 2026
International Crop Modeling Symposium (iCROPM2026)
Florence, Italy

Week of 13 JUL 2026
17th International Conference on Precision Agriculture and the 11th Brazilian Congress on Precision Agriculture
Porto Alegre, Brazil
ispag.org/icpa

See the ISPA website for a complete list of events.
Do you have an event that would be of interest to our members? Send us an email to let us know.

Jobs Listing

- Postdoc in Digital Agronomy for Climate Resilient Perennial Agriculture
- Tenure Track Assistant Professor in soil spectroscopy at Department of Agroecology, Aarhus University
- Assistant or Associate Professor of Extension Soil Management - University of Kentucky - Department of Plant and Soil Sciences
- Precision Agriculture Technologies Extension Specialist - University of Tennessee - Biosystems Engineering and Soil Science
- Assistant Professor (Extension) - Mississippi State University - The Department of Agricultural & Biological Engineering
- University of Georgia - Assistant Professor - Extension Specialist Precision Agriculture Systems

Do you have a job you would like to post to the ISPA website? Please send your job announcement, a short description, and cutoff deadline for applications to info@ispag.org

Update your ISPA Account to Link with Communities

ISPA Community leaders will get in touch with interested members through the ISPA listserv. Make sure you do not miss important communications from them by keeping your ISPA membership current and updating your interests on your "MyAccount" page, under "Interests".

Contribute to the ISPA Newsletter

Do you have a precision ag event, project, or news article that our members would be interested in? Please let us know. We post events, job opportunities, and news from members from around the globe.

Email info@ispag.org or use the handy online form to submit your contribution.

Precision Agriculture Definition

Precision Agriculture is a management strategy that gathers, processes and analyzes temporal, spatial and individual plant and animal data and combines it with other information to support management decisions according to estimated variability for improved resource use efficiency, productivity, quality, profitability and sustainability of agricultural production.

The International Society of Precision Agriculture (ISPA) is a non-profit professional scientific organization.
The mission of ISPA is to advance the science of precision agriculture globally.

Contact newsletter@ispag.org to suggest content for future newsletters or visit www.ispag.org for more about the Society