ISPA Newsletter 7(4) April 2019: PA in Denmark, Upcoming Events, Jobs

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International Society of Precision Agriculture

MONTHLY NEWSLETTER



Precision Agriculture in Denmark

Denmark is one of the few countries where the government statistics office collects information on the adoption of precision agriculture (PA). In 2017 and 2018 a stratified sample was drawn from all farms with cultivated area registered with the government for administrative and regulatory purposes. The results are based on 6281respondents in 2017 and 5708 in 2018. Some key results:

- In 2018 23% of Danish crop farmers used some kind of precision agriculture. The Danish survey asked about Global Navigation Satellite Systems (GNSS), sprayer section control, software for planning nitrogen applications, satellite & drone images and crop sensors.
- PA is adopted more commonly on larger farms, so in 2018 57% of cultivated land was managed with some PA technology.
- The most commonly adopted PA technology is GNSS guidance. In 2018 Real Time Kinematic (RTK) Global Positioning Systems (GPS) were used by 19% of farms covering 51% of cultivated area.
- Sprayer section control has followed a similar pattern to GNSS guidance. In 2018, it was used by 14% of farms covering 39% of cultivated area.
- In 2018 drone or satellite images were used by 4% of farms with 13% of cultivated area.
- Crop sensors were used by only 2% of farms covering 7% of cultivated area in 2018.
- In 2017, the survey asked about variable rate technology for fertilizer. In that year 7% of farms used VRT fertilizer.

For more information:
Denmark Statistics. 2017. Satellit-teknologi vinder frem hos unge landmænd (Satellite technology is gaining ground among young farmers). https://www.dst.dk/da/Statistik/nyt/NytHtml?cid=29269
Denmark Statistics. 2018. Avanceret teknologi indtager de danske marker (Advanced technology occupies Danish fields). https://www.dst.dk/da/Statistik/nyt/NytHtml?cid=30775

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

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