Grants4Ag

Sponsor

Bayer Crop Science [1]

Program

Grants4Ag

For More Information

For more information visit Funding Opportunities with Bayer Crop Science on Halo [2]

Join Bayer Crop Science in a webinar [3] discussing its latest funding opportunities, one of the primary ways the company identifies research partners for larger-scale, longer-term collaborations.

Description

First introduced in 2015, the Bayer Grants4Ag initiative has evolved in 2020 to offer researchers financial and scientific support to develop ideas for novel solutions across all research and development areas in the Division of Crop Science. Awarded projects will be paired with an internal Bayer Scientist for project guidance.

Three funding opportunities are currently open:

Fighting pests whilst preserving biodiversity

Weeds, pests and diseases have a devastating impact on crop productivity and yield. To protect crops and feed a growing population, farmers must use a variety of tools, including conventional and biological crop protection products, often combined with genetic approaches.

Bayer Crop Science is seeking novel approaches and enabling technologies that preserve natural habitats and protect crops by:

- Reducing insect and nematode damage
- Reducing fungal growth and symptoms
- Increasing tolerance to herbicide applications and/or lower weed pressure

Read the Full RFP for Fighting Pests whilst Preserving Biodiversity [4]

Accelerating precision agriculture

Digital innovation is the next great frontier in agriculture. With remote sensors, satellites and drones, farmers now have access to more data than ever. By modeling this data, we can provide farmers with useful insights to make critical and timely in-field decisions, such as predicting environmental pressures or vulnerability to pests. While real-time data drives the precise application of resources, software allows for quick, easy analysis of crop management and protection. We aim to accelerate advances in genomics, phenomics and artificial intelligence to develop solutions to our shared challenges and bring more value to our customers.

Bayer Crop Science is seeking seeking digital tools for collecting, transmitting and analyzing data, and data platforms for measuring and predicting agronomic performance.

Read the Full RFP for Accelerating Precision Agriculture [5]

Reducing chemical input and enhancing soil health

We know that we need pragmatic and innovative approaches to maintaining yields of our crops to helping feed a growing population whilst minimizing chemical inputs and protecting soil health.

Bayer Crop Science is seeking innovative approaches for minimizing chemical inputs and protecting soil health while maintaining crop yields.

Read the Full RFP for Reducing Chemical Input and Enhancing Soil Health [6]

Funding Availability

Grants available in amounts ranging from €5,000 to €15,000

Project Duration

Approximately a one year time frame.

Special Notes

Please note that research activities carried out in the context of COVID-19 need to adhere to the University of Guelph COVID-19 research principles, policies, guidelines and processes as they may be updated from time to time and communicated on the Office of Research web-page [7].

Deadlines

If College-level review is required, your College will communicate its earlier internal deadlines.

Type	Date
External Deadline	Friday, October 30, 2020 - 11:59pm

How to Apply

Apply via Halo:

- Fighting pests while preserving biodiversity [4]
- Accelerating precision agriculture [5]
- Reducing chemical input and enhancing soil health [6]

Alert Classifications**Category:**
Funding Opportunities and Sponsor News

Disciplines:
Health and Life Sciences
Physical Sciences and Engineering

Source URL:https://www.uoguelph.ca/research/alerts/content/grants4ag

Links
[1] https://media.bayer.com/baynews/baynews.nsf/id/Bayer-opens-application-window-for-Grants4Ag
[2] https://www.halo.science/company/bayer-crop-science
[3] https://www.uoguelph.ca/research/alerts/content/bayer-funding-opportunities-grants4-program-webinar
[4] https://www.halo.science/research/agriculture/fighting-pests-while-preserving-biodiversity
[5] https://www.halo.science/research/agriculture/accelerating-precision-agriculture
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[7] https://www.uoguelph.ca/research/