

# NEW PLANT PROTECTION TECHNOLOGIES IN GRAIN CROP PRODUCTION



**PLAID**  
PEER-TO-PEER LEARNING:  
ACCESSING INNOVATION  
THROUGH DEMONSTRATION



For the current case, the demonstrations are organized by innovation centre of the plant protection products supplier and Bulgarian Crop Protection Association. The demonstrations address a whole range of problems that the farmers have with safety for humans and the environment use of plant protection products, with ensuring pollination of crops and with the protection of bees. It is **demonstrated the innovative plant protection products and technologies** and other tools (flowering buffer strips and “wooden hotels” for wild bees). Sustainability underlies the demonstration activities since **most of farmers participated on demonstrations could start to apply the principles of integrated plant protection on their farms** and they also start to protect bees. It is giving priority to ecologically safer methods, minimizing the undesirable side effects and use of agrochemicals, and **enhancing the safeguard of the environment and human health**. This case study supports the PLAID project to learn about what farmers, advisors and suppliers learn and how and what is interesting for participants in demonstrations.

The main lessons from this case study are:

- Most farmers plan to introduce into their farms only that part of the demonstrated issues that would have a very rapid impact on the economic viability of their farms.
- The demonstrations enabled the farmers to get acquainted with equipment suppliers and advisors as well as to establish better contacts with the host farm.
- The success of demonstrations related with environmental sustainability issues in crop production requires all organizers and presenters to be convinced in benefits of use environmentally friendly equipment, techniques, technologies and tools.

## COUNTRY/REGION

**BULGARIA**

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## MORE INFO

[www.farmdemo.eu](http://www.farmdemo.eu)  
[twitter.com/FarmDemoHub](https://twitter.com/FarmDemoHub)

## ABOUT PLAID

The project has been designed to encourage farmers and farm employees to embrace innovations in agriculture by accessing high quality demonstration activities on commercial farms. Demonstration activities may also contribute to network building in agriculture communities, leading to longer term sustainability and economic development in rural areas. However little has been documented on agriculture demonstration activities in European countries and the lack of an inventory or on-line resources have been identified.

All practice abstracts developed by PLAID H2020 project are available in EPI-AGRI official website:

<https://ec.europa.eu/eip/agriculture/en/find-connect/projects/peer-peer-learningaccessing-innovation-through>



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