

Herman Krebbers

Abstract: How get farmers convinced of value of sensing data and use it in their crop management?

Many technologies of crop and soil sensing are available. But only a few front runners use it actually in their farm and crop management. Other farmers got a glimpse in projects, but hesitate to use it in their daily management.

Crop advisers of Delphy assisted farmers to learn to use the data. On individual base and in projects, where farmers had their own demonstration fields. On these demonstration fields the effects of sensing based crop monitoring and action on improvement of crop growth were tested. Together with groups of farmers the advantages and disadvantages of different technologies were tested and discussed. Resulting in arguments for other farmers how to use the technologies and recommendations to improve the data handling, data interpretation and crop cultivation actions.

It shows a close combination of knowledge about crop growth production and handling of technology is essential. Also farmers needs assistance of specialized advisers who have thorough knowledge and experience of local crop growth aspects as well as the sensing technology and data handling software is very important to get and keep the farmers motivated to use smart farming technology.

The main results and arguments collected in practice of crop consultancy and projects will be presented.

Presentation will be done by Mr. Herman Krebbers, Senior consultant Mechanization and Precision farming at Delphy

Bio

Herman is senior consultant mechanization and precision farming at Delphy (former named DLV Plant). Delphy is an international independent advisory service, providing advice to farmers on all aspects of optimizing crop production and farming results. So the farmers are advised on using the optimal products and tools for their own individual farming situation.

Herman is specialized in aspects of machinery, use of sensing and software tools and how to help farmers to use them. In individual advise, but also by initiating and managing of demonstration projects on crop production, selection and use of machinery and use of smart farming tools. In these activities always the specialized knowledge of crop advisers and specialists on fertilization and crop protection of Delphy is combined.