

Development of yield and humus formation in the soil through reduced soil cultivation and organic fertilization (green manure and organic fertilizer)

EIP-Projekt „BIOBO“ - Ertragsentwicklung und Humusaufbau über reduzierte Bodenbearbeitung und organische Düngungsmaßnahmen Österreich

Starting date - expected end date | 01.03.2016 - 28.02.2019

Operational Group

The OG was established, consisting of 6 organic farmers, consultants and scientists. The farmers compare different tillage and cover crop systems under on-farm conditions to learn about the influence of these treatments on yield and soil. Within a long-term monitoring project on an organic farm East of Vienna, the effects of different organic fertilization and tillage systems (plough vs chisel) on plant and soil traits will be further investigated. The aim of the OG is to develop and test methods which can be established in practice on organic farms to increase yield and humus content in the soil, enhance the efficient utilization of on-farm resources and soil quality and biodiversity, contribute to protecting against soil erosion and allow for the adaptation of



Lead partner: Bio Austria Niederösterreich, NGO representing the organic farmers in Austria

Other partners Chamber of agriculture

Research

- ▶ BOKU, University
- ▶ FIBL Österreich,

Farmers

- ▶ Helga Bernold, Alfred Grand, Johann Kurzbauer, Hans Dornmayr, Karl Ringl, Josef Kühböck
- ▶ Biobetrieb Rutzendorf (state owned organic farm)

SME

- ▶ WPA GmbH



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