

AGROWALD KFT.



GENERAL INFORMATION

Location of farm	Hungary, Rábapatona
Name of the farmer	Schmidt Péter
Size of farm	90 ha
Permanent staff	2
Main products of farm	Winter wheat, Winter barley, Phacelia, Sunflower, Cabbage rape, Corn, Red clover, as well as vegetables and fruits (Strawberries, Sour cherries, Pumpkin, Sweet corn, Sweet potatoes)



CURRENT REGENERATIVE AGRICULTURE PRACTICES ON THE FARM

Farmland cultivated with RA practices	Part of it: in some areas, especially in field crops
Crops produced with RA practices	Winter wheat, Winter barley, Phacelia, Sunflower, Cabbage rape, Corn, Red clover
Duration of using RA practices	Since 2015

Description of RA practices used in the farm

Many types of crops and green manure crops; Cultivation of nitrogen-fixing plants (purple clover); Application of cover crops; Returning stem residues to the soil, to increase the content of organic matter and improve the water-holding capacity of the soil; Application of tillage without rotation.

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Erasmus+

STARTING AND MOTIVATION BEHIND REGENERATIVE AGRICULTURE

Main motivation	The main motivation was to be able to increase the organic matter content and water retention capacity of the soil. By turning the stem residues back and turning the green manure plants (cover plants) into the soil, the organic matter content in the soil increases. This is useful in several ways. It helps bind and retain water on the surface and increases microbial activity. Water and microbial activity are also the key to nutrient discovery processes, so plants will have access to the soil's macro- and microelement content. Tillage without rotation allows the microbial activity in the soil to become permanent.
Learning the RA farming practices	Articles available in the internet
Did the farmer receive training?	No
Did the farmer receive financial support?	No



RESULTS OF REGENERATIVE AGRICULTURE

Benefits of using RA practices

Better water balance; easier to cultivate soils; less fuel consumption; improved crop results.

Obstacles of using RA practices

In some cases, due to the use of cover crops, insect pests multiply, mainly those that damage rapeseed.

Is the farmer happy overall with RA?	Yes
Does the farmer intend to continue RA?	Yes
Does the farmer intend to introduce changes in RA methods or crops?	Overall, I see its effect as positive, but these are long-term processes.



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