

A man with short dark hair, wearing a blue and white plaid short-sleeved shirt, stands in a lush green field. He is holding a bundle of wheat stalks with roots in both hands. The background shows rolling green hills under a clear blue sky with a few clouds.

Location:

Rogów (south-eastern Poland)

Farm type:

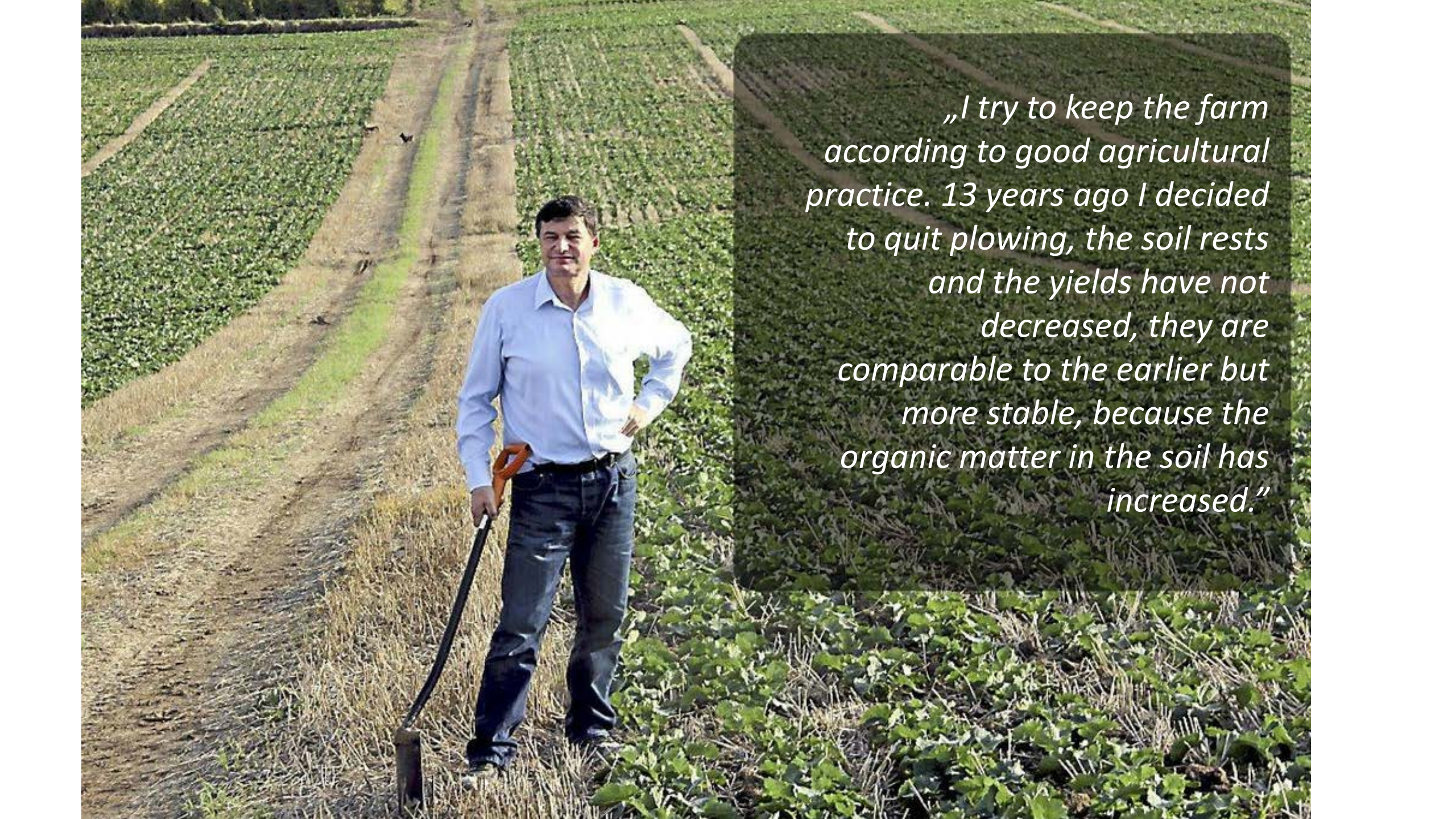
a farm with a profile of plant production (wheat, canola, corn, soybeans)

Area: 280 ha

The cultivation on the farm is based on **strip-till** technology.



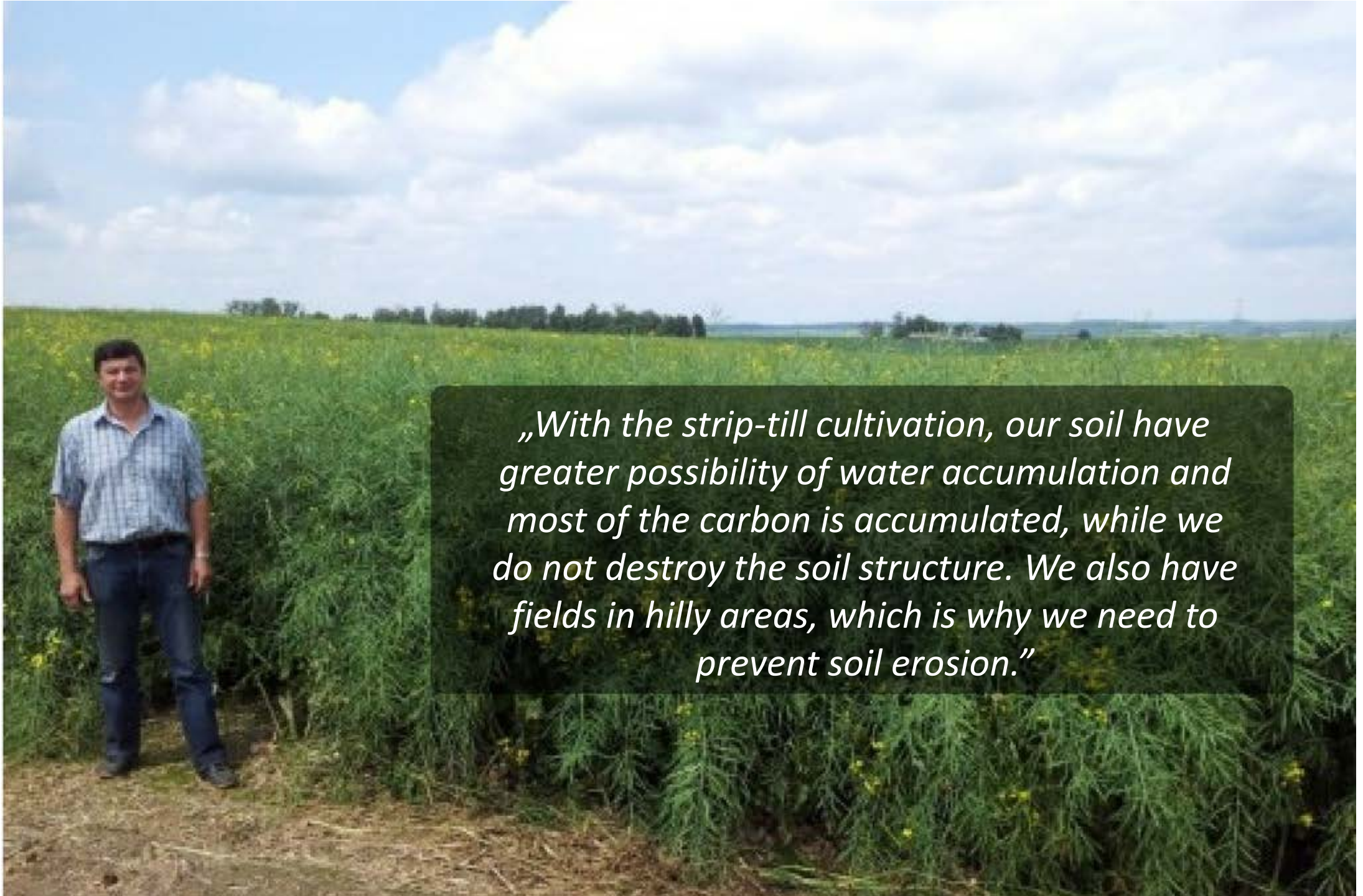
„The cultivation technique used minimizes fuel consumption, reduces workloads and reduces the involvement of multiple machines, and the entire crop is usually reduced to one passage during which the soil is cultivated, fertilized and sown.“

A man in a white long-sleeved shirt and dark blue jeans stands in a field. He is holding a black tillage implement with an orange handle. The field is divided into sections of green crops and brown, tilled soil. The background shows a dirt road and more fields under a clear sky.

„I try to keep the farm according to good agricultural practice. 13 years ago I decided to quit plowing, the soil rests and the yields have not decreased, they are comparable to the earlier but more stable, because the organic matter in the soil has increased.“



„The balance in the field can be recovered very quickly. On our farm, we have 2-3 tons of earthworms per hectare. They produce 1-2 tons of coprolite (manure from earthworms) every day. Applying the traditional soil cultivation causes the disappearance of earthworms in the soil, as the traditional machinery destroy biological life in soil.”



„With the strip-till cultivation, our soil have greater possibility of water accumulation and most of the carbon is accumulated, while we do not destroy the soil structure. We also have fields in hilly areas, which is why we need to prevent soil erosion.”