

Silage maize practical test

Use of BioAktiv Professional Plants
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Culture: silage maize
Strain: Busti
Sowing date: 16/05/2017
Previous crop: winter wheat
Total cultivation area: 13.2 ha
Area tested with BioAktiv: 5.2 ha
Date of first treatment with BioAktiv: 09/06/2017
Quantity used: 1 kg/ha

Maize plants on 15/09/2017, on the left-hand side with BioAktiv, on the right-hand side control



Even at the edge of the field it was evident that the crops were a stronger green and large.

The plants treated with BioAktiv were approximately 20 cm larger and stronger than the control crops. At the same time, considerably stronger root growth was identified in the BioAktiv group. The leaf colour was darker and the plants were generally not so dry. The increased occurrence of earthworms was also noticeable and is an indication of a visibly active soil life. The soil in the treated areas was looser and had a better crumb structure, indicating very good humus content which has a particularly positive impact on the ability of the healthy soil to retain water.



The bulbs were an average of 2-3 cm larger than in the untreated plants.

This in turn resulted in higher quality feed during silaging and better energy density in the silage.

Overall the crops treated with BioAktiv Professional Plants were much stronger.

The plants had a significantly greater volume of energy and biomass.

BioAktiv has a positive impact on the soil life and the soil physics.

The ability of the soil to retain water increased significantly, and the stronger plants are an indication of the fact that nutrients in the soil are made available to the plants as a result of the stimulation of the soil life.