

Silage maize practical test

Use of BioAktiv Professional Plants
Agrarproduktion Rösa

Culture: silage maize
Strain: Kandis
Sowing date: 02/05/2017
Previous crop: winter wheat
Total cultivation area: 8 ha
Area tested with BioAktiv: 4 ha
Date of first treatment with BioAktiv: 01/06/2017
Quantity used: 1 kg/ha

Maize plants on 14/07/2017, on the right-hand side with BioAktiv, on the left-hand side control



The plant grown of the BioAktiv group is greater and stronger than that in the control population. The treated plants were also showing significantly stronger root growth even after just six weeks, with an increased occurrence of earthworms.

It was also possible to determine that there were more bulbs than in the untreated plants, which had none at all.

Overall, the areas treated with BioAktiv Professional Plants were more developed. The plants had a significantly greater volume of biomass.

Visual observation of the maize plant on 22/08/2017



While the root formation of the untreated plants had hardly developed at all, significantly greater branching and small side shoots were able to be observed in the treated plants. The treated plants therefore showed considerably better drought tolerance. The stronger roots also indicate better humus formation and intact soil life. The use of BioAktiv Professional Plants specifically promoted the biological and physical properties of the soil.



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.