

Silage maize practical test

Use of BioAktiv Professional Plants
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Culture: silage maize
Strain: Walterino
Sowing date: 12/05/2017
Previous crop: barley/perennial rye
Total cultivation area: 12.88 ha
Area tested with BioAktiv: 5 ha
Date of first treatment with BioAktiv: 09/06/2017
Quantity used: 1 kg/ha

Maize plants on 25/08/2017, on the right-hand side with BioAktiv, on the left-hand side control



The lack of water in May meant that the maize crops grew very hesitantly at first, but these initial difficulties were able to be fully overcome.

The root balls of the group treated with BioAktiv Professional Plants are significantly larger, have more fine secondary roots and greater numbers of bulbs.

The root balls of the treated plants were much better saturated with water at the point at which the control was carried out. The soil's ability to absorb and store water was increased by the use of BioAktiv.

The bulbs were more mature, larger and contained more dry matter than the untreated areas. The bulbs in the treated plants were filled with seeds down to the tips. This results in a significantly higher energy density in the feed during silaging.



Ultimately, it was possible to determine that the treatment of the plants had a very positive effect on the biological and physical properties of the soil.

The larger root balls indicate higher humus formation in the soil and the crumb structure of the soil improved.

Overall, the plants demonstrated a significantly greater total volume of biomass and energy content.