Sugar beets practical test

Use of BioAktiv Professional Plants
Agrarproduktion Rösa

Culture: sugar beets
Strain: Danicia
Sowing date: 06/04/2017
Previous crop: summer catch crop/perennial rye
Total cultivation area: 28.4 ha
Area tested with BioAktiv: 8.1 ha
Date of first treatment with BioAktiv: 01/06/2017
Quantity used: 1 kg/ha

Sugar beets on 14/07/2017, on the left-hand side with BioAktiv, on the right-hand side control

The first control was carried out approximately six weeks after treatment with BioAktiv.

Even at the edge of the field it was clear to see that the crops treated BioAktiv Professional Plants were significantly stronger. The silver beets were dark green and larger than in the comparison area.

When the turnips were pulled out, it was evident that the soil in the treated areas was much better saturated with water and considerably looser. The turnips are an average of 5-7 cm larger and the bulb formation was more even than in the untreated areas.

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Visual observation of the sugar beets on 28/09/2017

The difference compared to the untreated area was even more obvious during the second visual control on 28/09/2017. The treated sugar beets had stronger, dark green and vital leaves.

The soil life had also changed for the better. Numerous earthworms were observed when the turnips were pulled out. The soil in the treated areas was very loose and had a fine crumb structure.

The size of the turnips in the treated area speaks for itself. This extra yield means significantly higher marginal returns can be achieved by the company.

Overall, we were able to determine that BioAktiv Professional Plants had a positive impact on the soil life and soil physics. The humus structure means the soil is able to retain significantly more water and can better supply the plants with the nutrients they need. Droughts are survived by plants with less stress as water can be stored in the soil.