

Reference: Agriculture and Gardening

Crop: Lettuce

Place of Cultivation: Sweden

Contact Person: Karlberg



Purpose of the treatment: To test the effect of Terra Biosa on the growth of lettuce.

Application pattern: Before planting, water with 1 litre of Terra Biosa per 200 litres of water per 100 m². The area was fertilized as usual with NPK fertilizer, 27-28 kg N/ha. No pesticides are used. Only 0,2 % Terra Biosa is used when watering. The watering is carried out as a showering 1-3 times a day depending on the temperature.

Results: The treatment of Terra Biosa had a very positive effect on looks, taste and keeping abilities of the lettuce. Due to the strict controls, regarding amongst others, the nitrate contents, the Karlbergs have examined the nitrate content of their salads produced with and without Terra Biosa. The following results were found:

	With Biosa	Without Biosa
Nitrate content, mg/kg	823	1080

The results show a nitrate level that is 24% lower in the salad that has been treated with Terra Biosa.