

## Reference: Agriculture and Gardening

---

Crop: Carrots

Place of Cultivation: Helsingborg, Sweden

Contact Person: Anonymous

---



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

**Application pattern:** On an organic carrot field in Helsingborg, Sweden, a research was carried out in the growth season of 2003. Terra Biosa was added on one hectare of the fields and the rest of the production was used for control. Before sowing on the 4. and 5. June both the research and the control fields were added 30 tons of fruit juice per hectare. Hereafter the research field (of 1 hectare) was sprayed with 70 litres of activated Terra Biosa (in 1000 litres of water) in two treatments, the 14.07 and the 22.08.

### Results:

- The Terra Biosa treated carrots were **ready for harvest earlier** (rounder on top) than the ones that had not been treated with Terra Biosa.
- The Terra Biosa treated part of the field had a yield that was **23%** higher than the rest of the field (124 tons/ha compared to 101 tons of carrots per hectare on the control field).
- In addition the carrots treated with Terra Biosa were **healthier** than the rest of the carrots and the **keeping quality** was higher (15% less scrapings).

	Test	Control
Yield, ton/ha	124	101
Nitrate content, mg/kg	86	113