

Boron in Avocado

Study Details

Date: 1989 - 1990

Location: Westfalia Estate, Modjadiskloof, South Africa

Soil: Cinnamon soil, loam, 20.3 g/kg organic materials, 1.86 g/kg total nitrogen, 70 mg/kg available phosphor, 110 g/kg available potassium, pH = 8.1

Crop variety: PS-881

Fertilizers: *Solubor*® applied at 2g/l applied at first bud break and at anthesis of first flowers

Trial design: 40 random established trees in a commercial orchard

Results

Leaf analysis, fruit set and fruit production were compared at different intervals. The highest levels of boron in the tissue were achieved with applications of *Solubor* at first bud break and anthesis of first flowers. Best yield was achieved with applications at first bud break.

Source

Robbertse, PJ, Coetzer, A, Bessinger, F. “The Influence of Solubor Leaf Spray on Fruit Production in Avocado.” *South African Avocado Growers’ Association Yearbook* 1991. 14:83-84.