

# 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*<sup>®</sup> 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.