

Boron in sugar cane

Study details

Date: September 2012 – September 2013

Location: Batang District, Central Java, Indonesia

Crop variety: PS-881

Fertilizers: 50 kg/ha containing 7.5 kg/ha (15%) of *Fertibor*®, 12.5 kg/ha (25%) of ZnSO₄, 7.5 kg/ha (15%) of Zeolit, 20 kg/ha (40%) of Dolomit, 2.5 kg/ha (5%) of CuSO₄

Trial design: Plot size of 4 ha

Results

The treatment of *Fertibor* helps increase the vegetative period, height and diameter of the stem, increase the weight harvest of sugarcane by 18.69% and crystal sugar content by 16.87%.