

# Boron in soy: Paraná, Brazil



## Study #1 details

Research institution: Fundação ABC

Researcher: Gabriel Barth

Date: October 2014 – March 2015

Location: Arapoti, Paraná, Brazil

Soil: pH 5.2

Fertilizers: *Solubor*® and boric acid

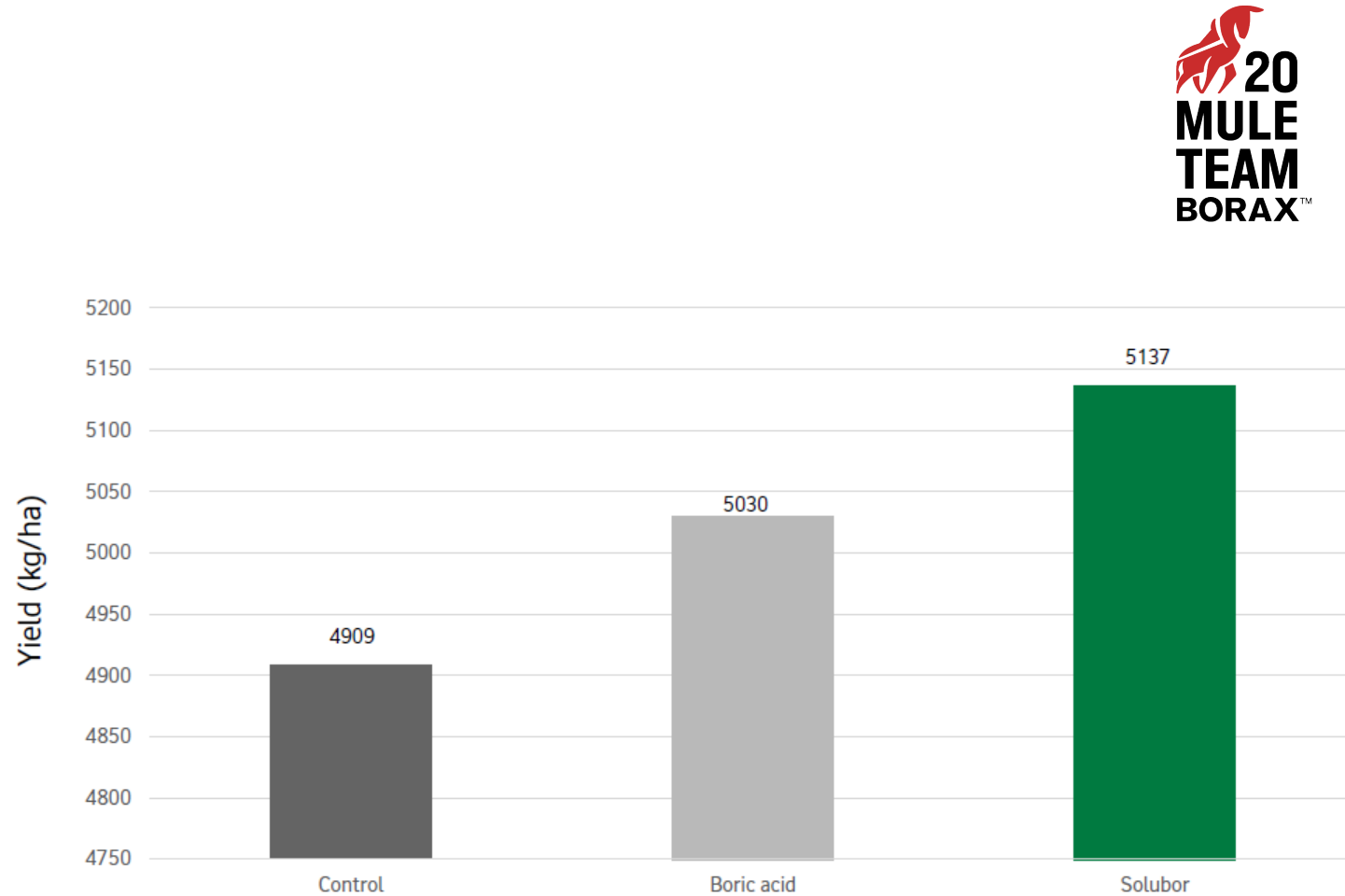
Crop variety: NA 5909RG

Trial design: Randomized complete block design with 4 reps. Treatments foliar-applied at V4.



# Results

The study was conducted for one year. At a rate of 1 kg B/ha, *Solubor* increased soybean yield in 228 kg/ha compared to the control and 107 kg/ha compared to boric acid even though the differences were not statistically significant.



# Boron in soy: Paraná, Brazil



## Study #2 details

Research institution: Fundação ABC

Researcher: Gabriel Barth

Date: October 2015 – March 2016

Location: Arapoti, Paraná, Brazil

Soil: pH 4.7

Fertilizers: *Solubor* Flow

Crop variety: NA 5909RG

Trial design: Randomized complete block design with 4 reps. Treatments foliar-applied at V2/V3 and R2/R3.



# Results

The study was conducted for one year. The best numerical yield was achieved with *Solubor* at a rate of 0.5 kg B/ha. At this rate, soybean yield was increased 265 kg/ha compared to the control.

