

# Boron in Soy



## Study Details

Research institution: Physioatac Consultoria Agrícola

Researcher: Gabriel Schaich

Date: November 2019 – March 2020

Location: Cruz Alta, Rio Grande do Sul, Brazil

Crop variety: BMX Zeus IPRO

Soil: pH 5.6

Soil type: red latosol

Soil texture: 38% clay

Soil B content: 0.2 mg/dm<sup>3</sup>

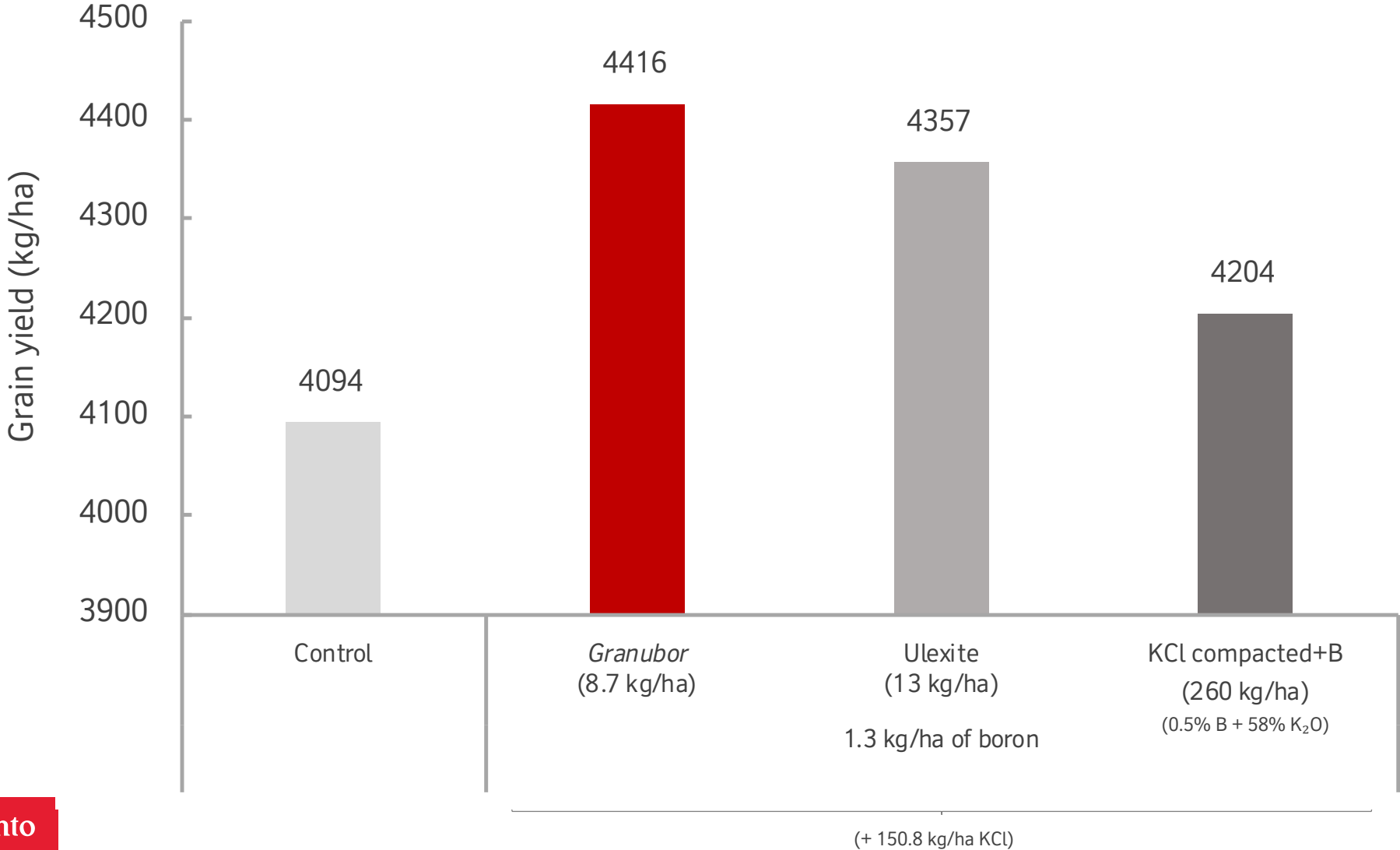
Fertilizers: *Granubor*<sup>®</sup>, ulexite, and KCl compacted + boron (0.5% B + 58% K<sub>2</sub>O)

Trial design: Randomized complete block design with 4 reps. Treatments were soil applied in Nov 2019.

## Results

At a boron rate of 1.3 kg/ha, *Granubor* resulted in the highest grain yield, with advantage of 322 kg/ha over the control. Also, *Granubor* resulted in the highest grain yield, with a yield advantage of 59 and 212 kg/ha over the ulexite and KCl compacted + boron treatments, respectively.

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