

Boron in kohlrabi

Study details

Research institution: Cifacita S.L.

Date: 2005

Location: Torre Pacheco, Murcia, Spain

Crop variety: Caulo-rapa

Soil: Clayey soil, pH = 8.5 and 1.61% of organic matter

Irrigation water: pH (at 25 °C) = 7.73

Trial design: Randomized complete block with 4 repetitions

Fertilizers

Treatments	Type of liquid borates
T0: Control	--
T1: <i>Solubor</i> ® DF	Sodium borate
T2: Boric acid + surfactant	Non-sodium borate
T3: Standard MEA liquid boron	Non-sodium borate
T4: Standard <i>Solubor</i> Flow	Sodium borate
T5: <i>Solubor</i> Flow + UAN	Sodium borate
T6: <i>Solubor</i> DF + MgO	Sodium borate + magnesium
T7: <i>Solubor</i> Flow + sorbitol	Sodium borate + polyol

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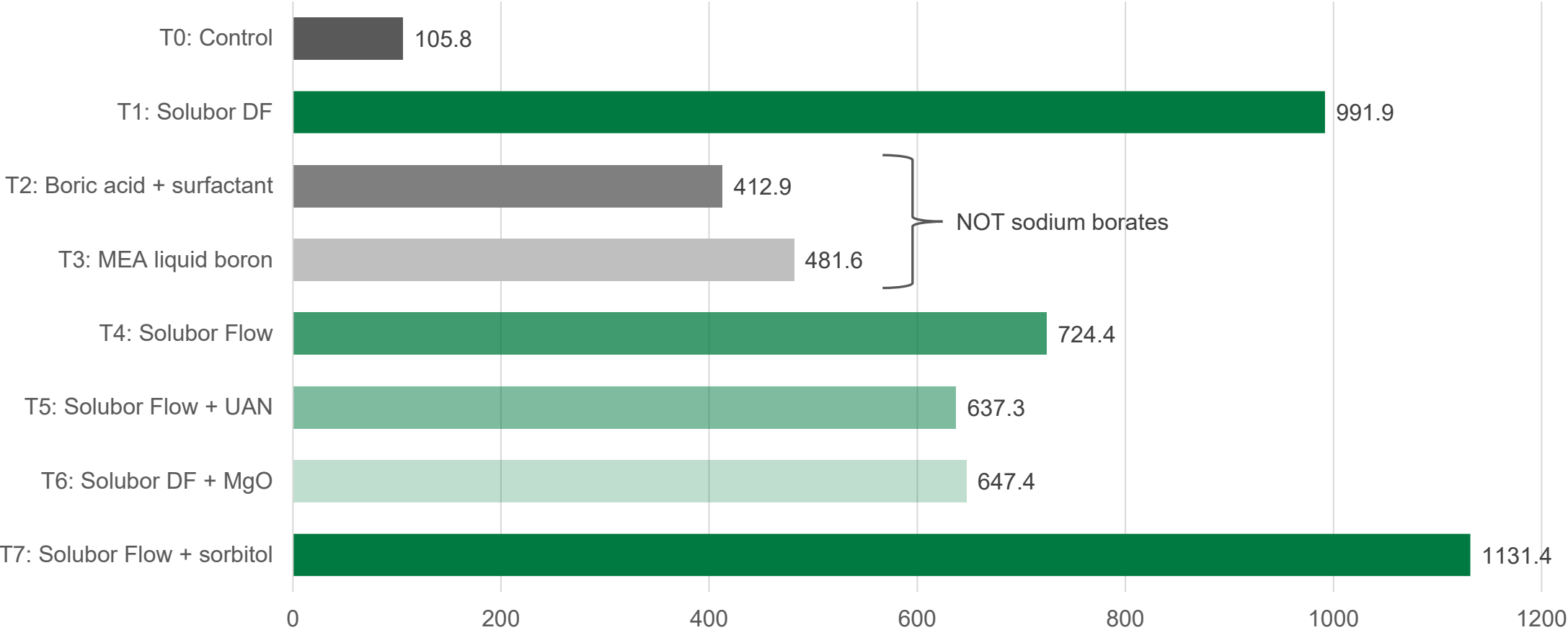
Results

- Against six other foliar formulations, *Solubor* Flow and *Solubor* DF show a better performance in kohlrabi
- Seven days after the boron treatment, boron content increased from 4-10 times against non-treated plants
- There was a better performance of sodium borates vs non-sodium borates



Boron in kohlrabi

Foliar boron content 7 days after spraying



Boron in kohlrabi

Foliar boron content 20 days after spraying

