



## CORN FIELD TRIAL IN VENEZUELA - RESULTS SUMMARY

### OBJECTIVE

This field trial assessed the effects of **TrueSolum**® when added to grower's standard treatment on the yield, root and plant development of corn, when compared with the grower's standard crop nutrition program alone and the grower's standard plus a commonly used biostimulant.

### TRIAL SPECIFICS

**Location:** Tucutunemo, Venezuela

**Season:** January 2023 – May 2023

**Sample:** 108 plants in total

**Treatments:**

- Control - Grower's Standard
- Commercial Control - Grower's Standard + commonly used biostimulant
- Treated - Grower's Standard + **TrueSolum**

**Product applications:**

- 1st: 8 days after planting
- 2nd: 25 days after transplanting
- 3rd: 35 days after transplanting

### OVERVIEW

The objective of the trial was to compare the performance of **TrueSolum** when added to the grower's standard treatment alone and to the grower's standard treatment + another commonly used biostimulant (the "commercial control"). The trial was conducted in 3 different sections, each containing 36 plants. Three foliar applications of True Solum were made. The first application was done in pots, at a concentration of 5 ml per liter of water. After transplanting, two other applications were done at a rate of 1.5 liters per hectare for a total dosage of 3 liters per hectare.

### RESULTS

The rows where True Solum was applied resulted in crop health benefits and better yields:

- Longer, thicker, and stronger roots
- Increased plant height
- Increased resistance to fungi
- Higher yield (kg of corn/treatment)

### Yield Results (total for kgs 36 plants)

- Grower's standard treatment: 43.2 kg
- Commercial control: 45.7 kg
- **TrueSolum treatment: 49.8 kg**

### Root Development



Manufactured by GreenTech Ventures, Inc.

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