

FIELD TRIAL REPORT

Trials conducted on **TOMATO** cultivation

OCEAN RAINFOREST

MAKRO BOOST

Field Trial Overview

Product: MakroBoost
Crop: Tomato
Season: 2003
Objective: Evaluate the effect of MakroBoost on tomato production and plant growth.

Location: Sinaloa, Mexico



Introduction

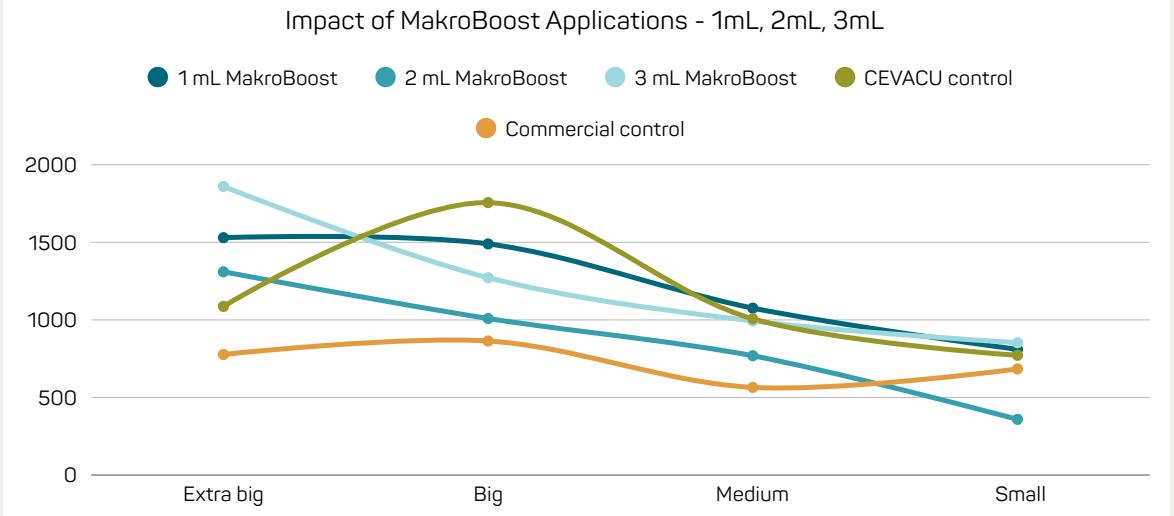
This report outlines the findings of a trial involving the product MakroBoost in tomato farming. The objective of the trial was to assess the effects of MakroBoost on yield and overall plant growth. Plants were treated with 3 foliar and 3 radicular doses of MakroBoost in a period of four months. The results were compared to a control group to evaluate its effectiveness on several factors, including yield, germination, plant size, weight, and flowering. MakroBoost was administered via fertigation.

Results

Dosage	Germination	Plant size	% increase plant size	Plant weight in grams	% increase plant weight
Control	85%	8.1 cm	-	0.51	
1 mL MakroBoost	95%	13.5 cm	66.70%	0.89	74.50%
2 mL MakroBoost	93%	12.0 cm	48.00%	0.92	80.40%
3 mL MakroBoost	94%	13.0 cm	60.50%	1.05	105%

Tomato seeds and seedlings treated with MakroBoost have higher germination rates and higher growth rate in the first 12 days after sowing. In addition, 1 mL/L MakroBoost has shown an increase of up to 16% in the number of plants flowering within 42 days.

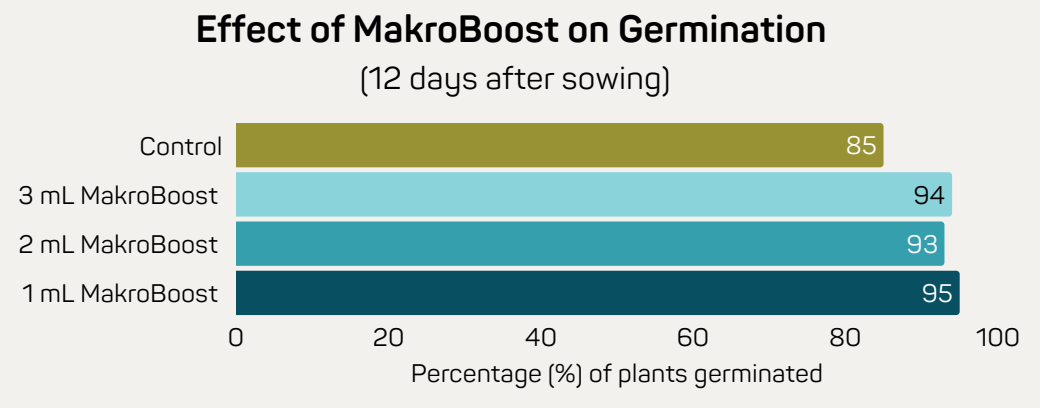
Distribution of Tomatoes Per Group Size in kg/ha



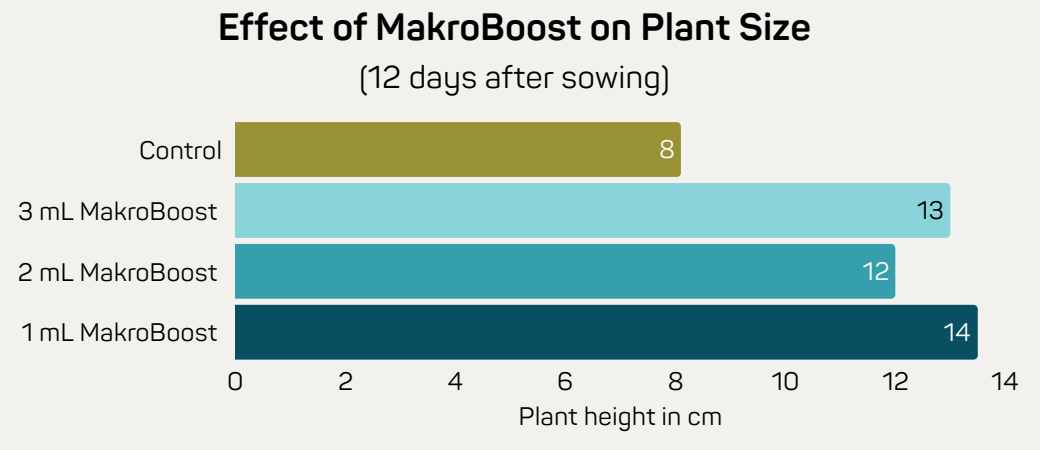
When MakroBoost is used, tomato plants will produce bigger fruit. The percentage of tomatoes within the extra big category increased in all of the application doses of MakroBoost group compared to the control.

Results

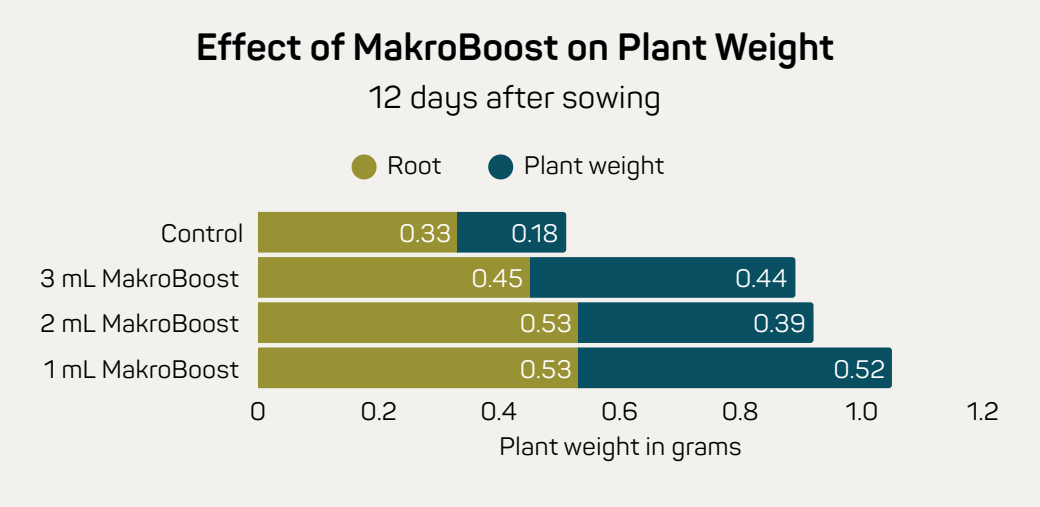
Germination
12 days



Plant Size
12 days

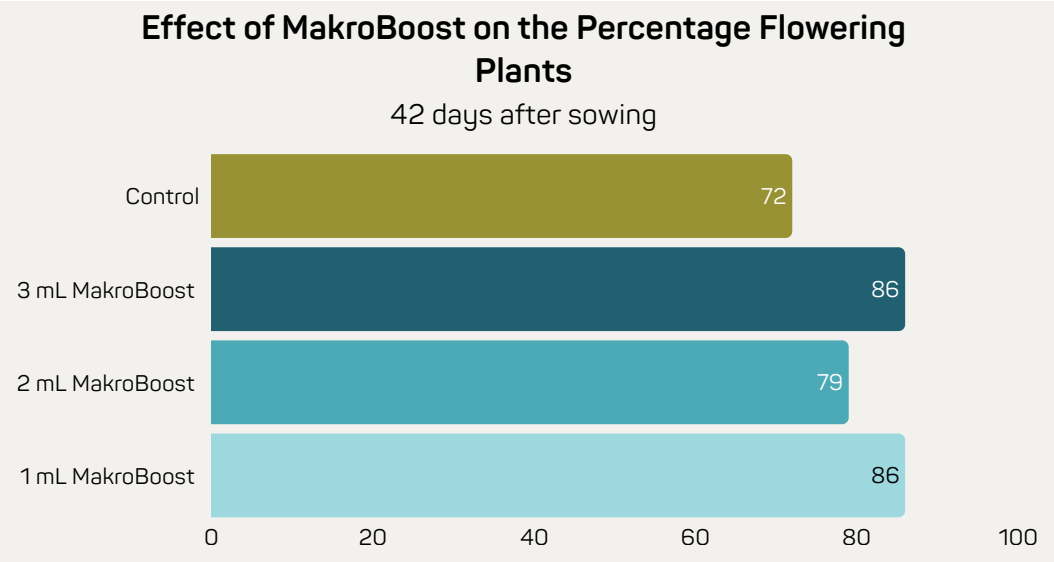


Plant
Weight
12 days

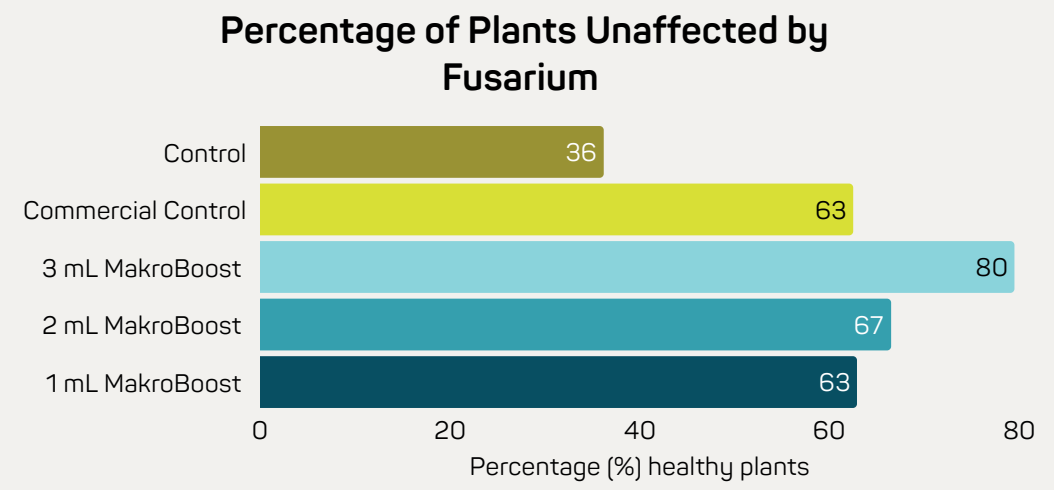


Results

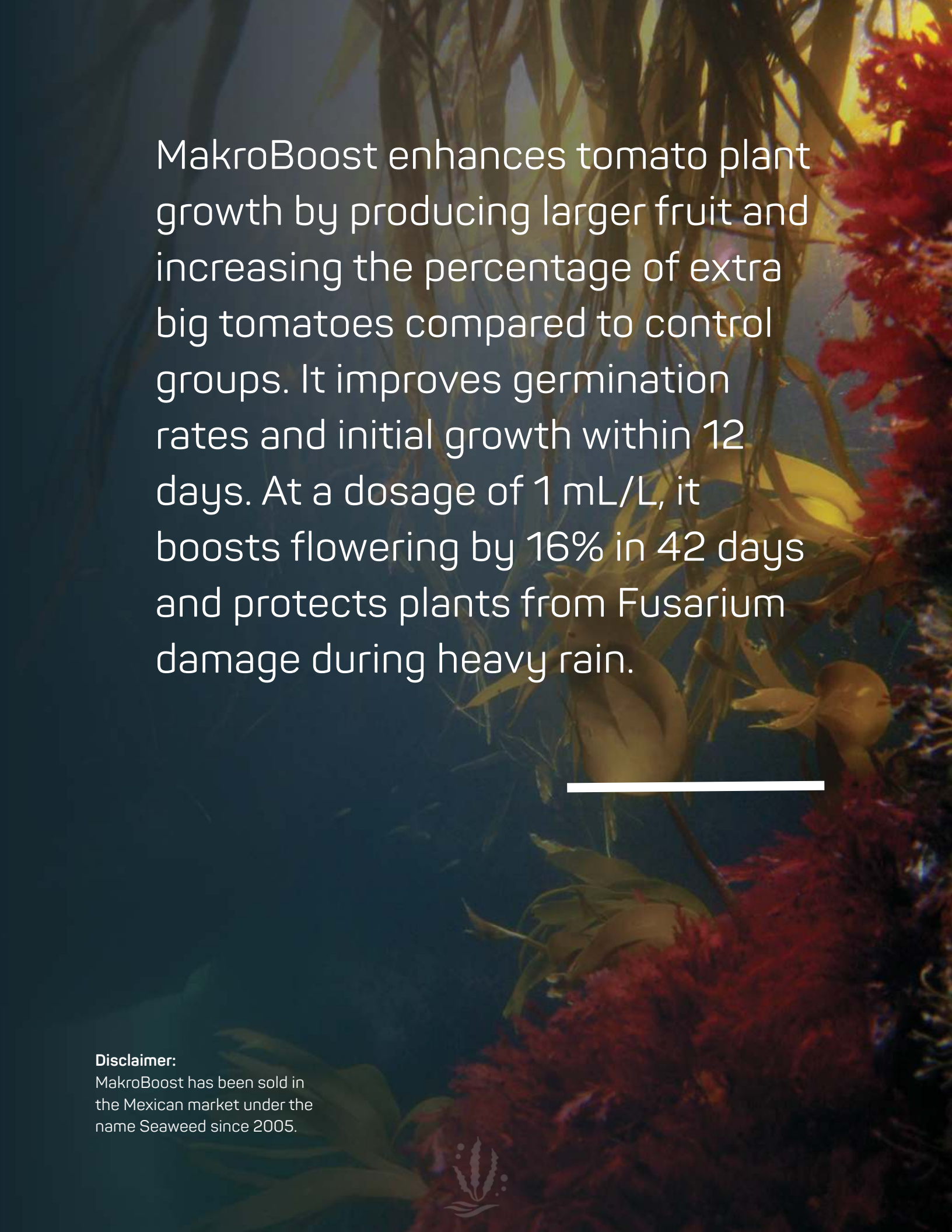
Flowering



Fusarium



Higher doses of MakroBoost can protect plants from damage by Fusarium in circumstances with excessive rain.



MakroBoost enhances tomato plant growth by producing larger fruit and increasing the percentage of extra big tomatoes compared to control groups. It improves germination rates and initial growth within 12 days. At a dosage of 1 mL/L, it boosts flowering by 16% in 42 days and protects plants from Fusarium damage during heavy rain.

Disclaimer:
MakroBoost has been sold in the Mexican market under the name Seaweed since 2005.

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