

FIELD TRIAL REPORT

Trials conducted on
BELL PEPPER cultivation

OCEAN
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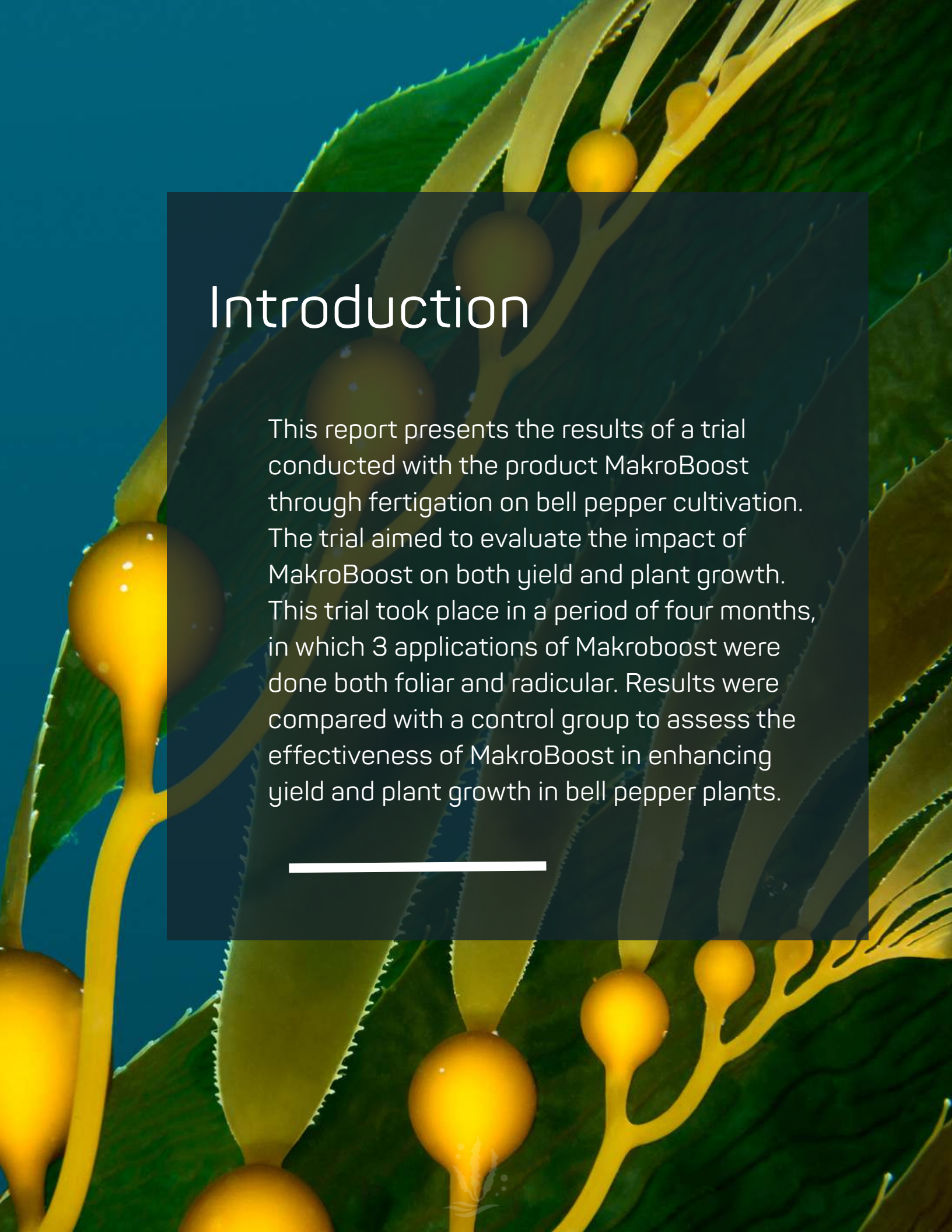
MAKRO
BOOST

Field Trial Overview

Product: MakroBoost
Crop: Bell pepper
Season: 2003
Objective: Evaluate the effect of MakroBoost on bell pepper production and plant growth

Location: Sinaloa, Mexico





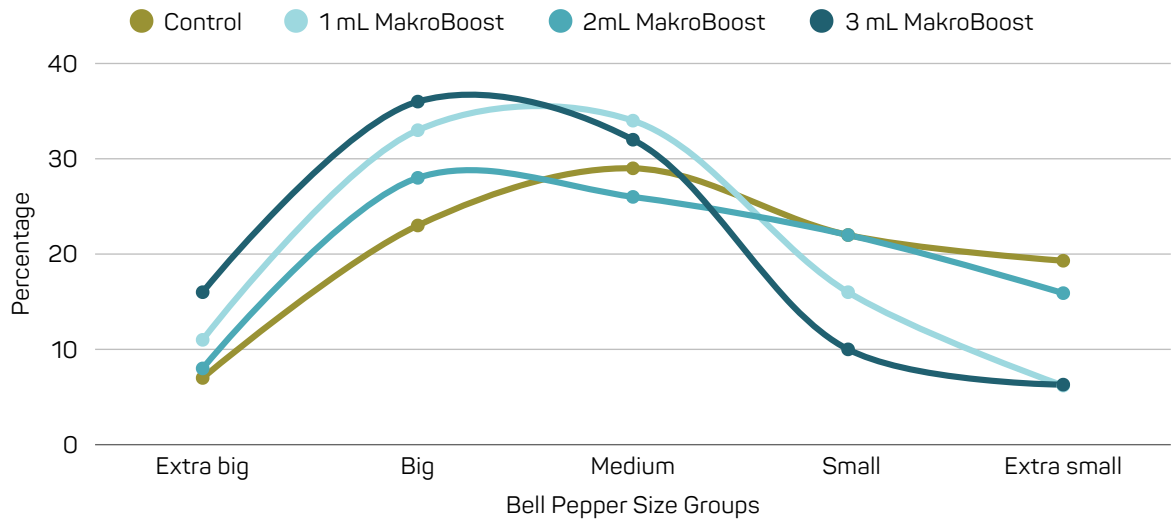
Introduction

This report presents the results of a trial conducted with the product MakroBoost through fertigation on bell pepper cultivation. The trial aimed to evaluate the impact of MakroBoost on both yield and plant growth. This trial took place in a period of four months, in which 3 applications of Makroboost were done both foliar and radicular. Results were compared with a control group to assess the effectiveness of MakroBoost in enhancing yield and plant growth in bell pepper plants.

Results

Dosage	Germination	Plant size	% increase plant size
Control	90%	13.7 cm	-
1 mL MakroBoost	95%	13.8 cm	0.70%
2 mL MakroBoost	96%	14.9 cm	8.80%
3 mL MakroBoost	95%	14.9 cm	8.80%

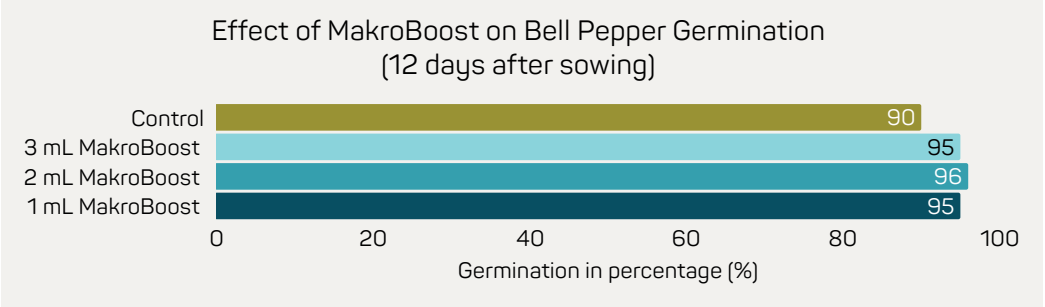
Bell pepper seeds and seedlings treated with MakroBoost have higher germination rates and higher growth rate in the first 12 days after sowing. In addition, 2 to 3 mL/L MakroBoost has shown an increase in plant size of up to 8.8% within the first 12 days.



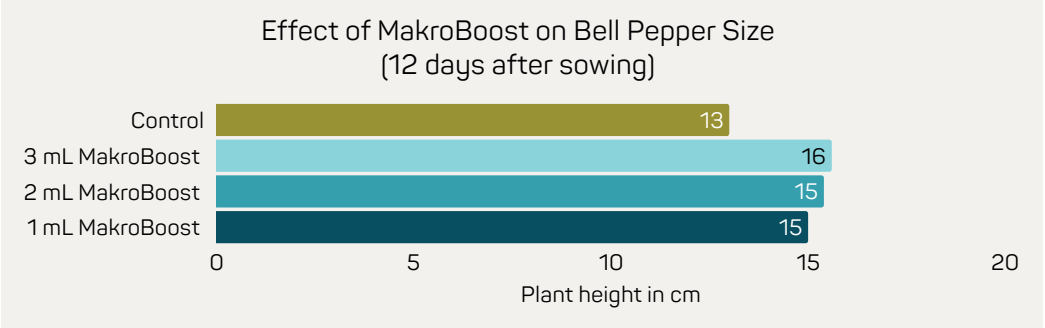
All MakroBoost dosages (1mL, 2mL, 3mL) shift the bell pepper size distribution leftward, toward bigger and extra big peppers compared to the control. This means MakroBoost positively impacts fruit size, with higher doses giving the greatest increase in larger peppers.

Results

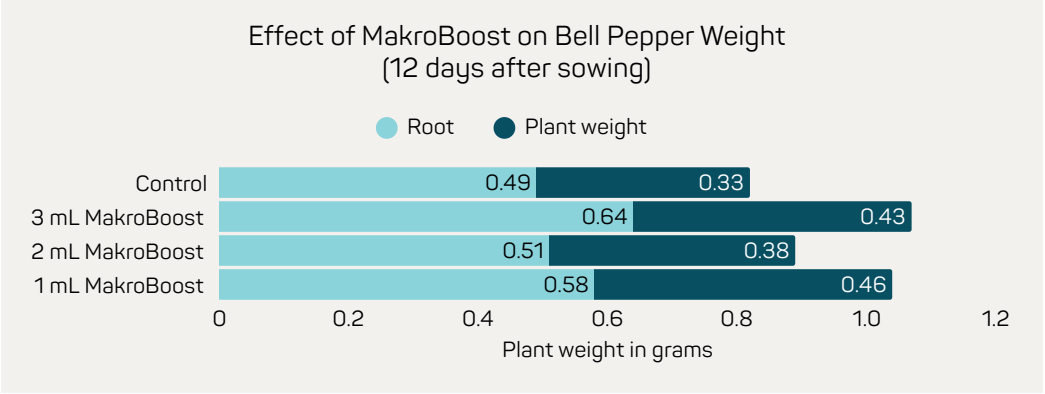
Germination
12 days



Plant Size
12 days

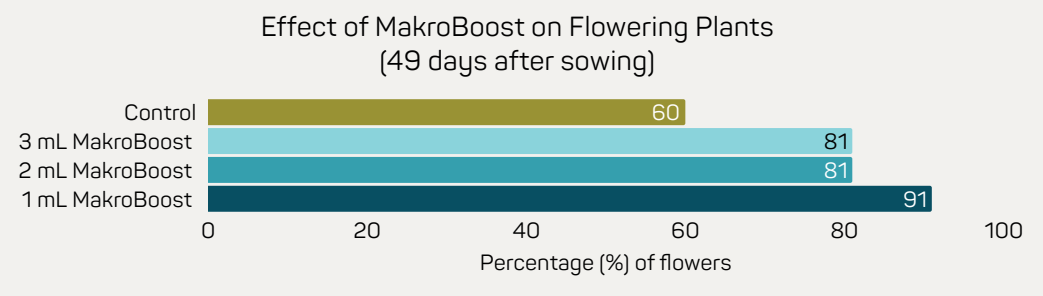


Plant
Weight
12 days

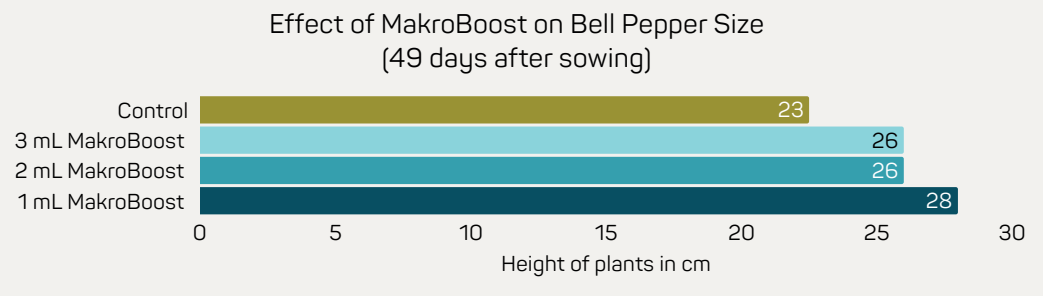


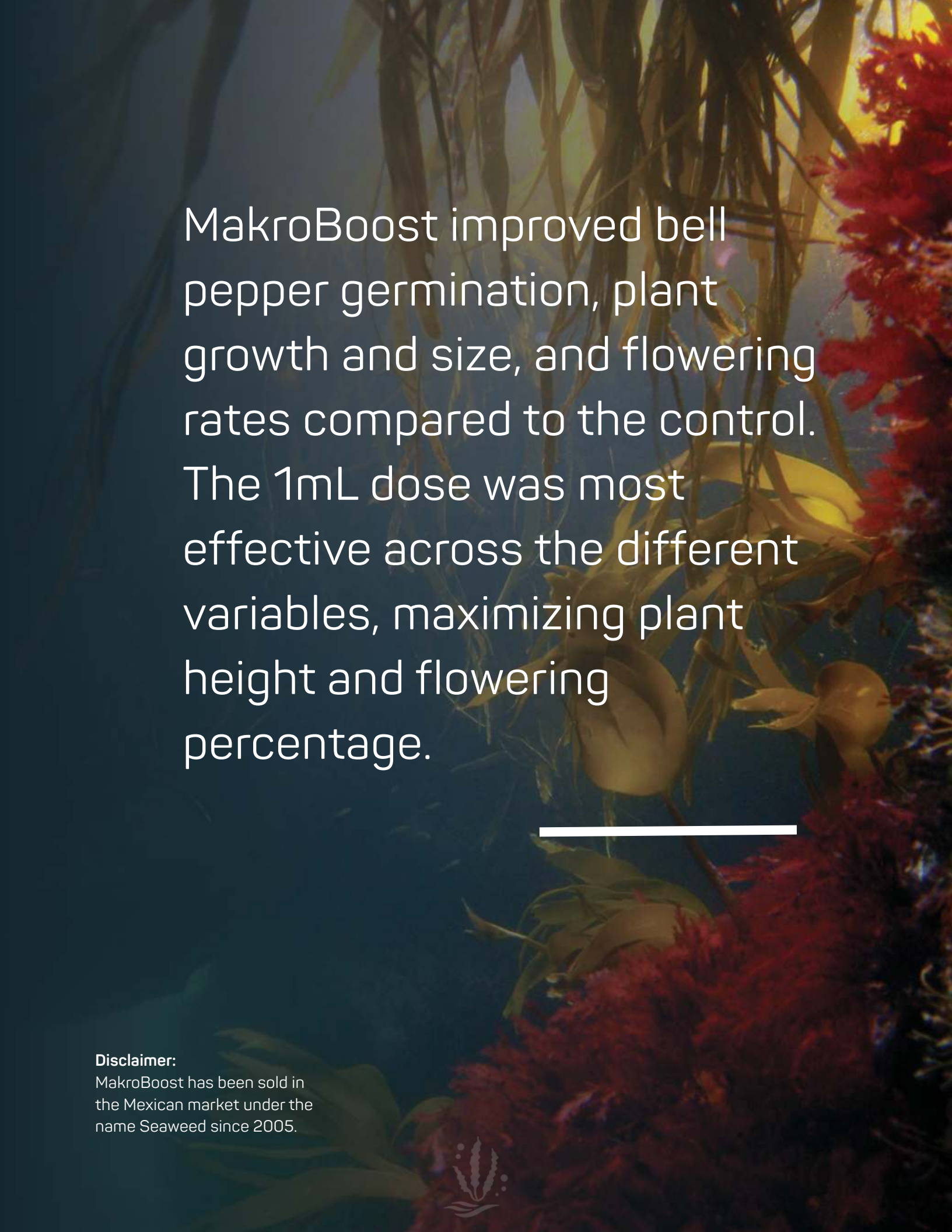
Results

Flowering Plants 49 days



Plant Size 49 days





MakroBoost improved bell pepper germination, plant growth and size, and flowering rates compared to the control. The 1mL dose was most effective across the different variables, maximizing plant height and flowering percentage.

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

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