
SynTech Research
SUCCESS STORIES USING STIMBLUE+
TOMATO CULTIVATION
kelp blue
STIM+BLUE

TOMATO CULTIVATION

Field results

CROP	LOCATION	SEASON
Tomato	Mexico	July - November 2024

+1000€

increase in euros per hectare

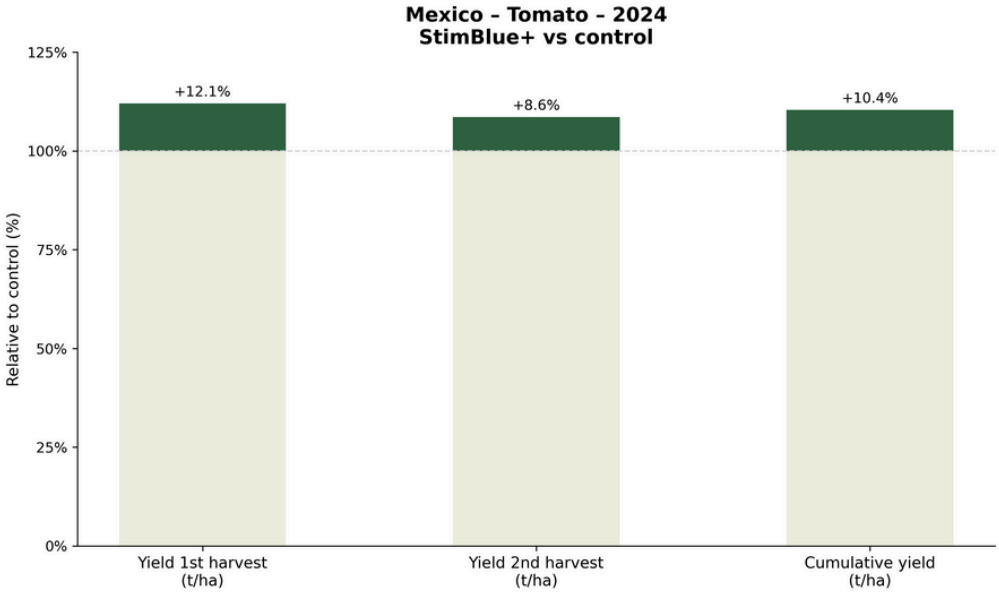
+8-10%

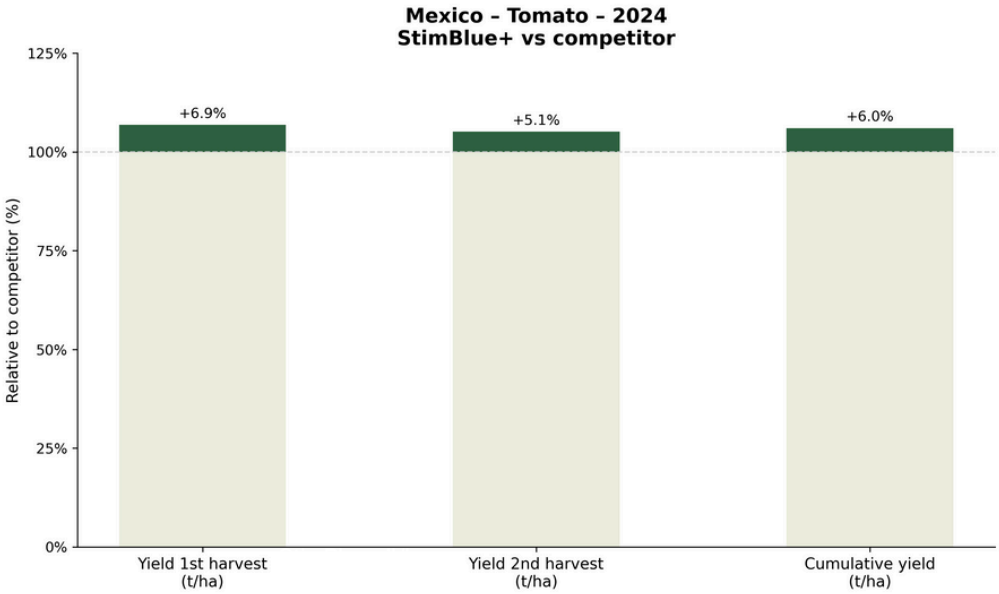
cumulative yield increase vs. control and competitor

- + Greater cumulative yield
- + Higher BRIX

ABOUT THE TRIAL

Mexico is among the leading producer of tomatoes worldwide, producing over 330 Mt over 50.000 ha. We conducted a series of 2 different trials using 2 tomato varieties: Recoba and Gabby. The main objective of the study was to evaluate the efficacy of StimBlue+ applied at different dosages compared to the reference competitor, an Ascophyllum Nodosum based biostimulant, and untreated control. The results are summarised below.

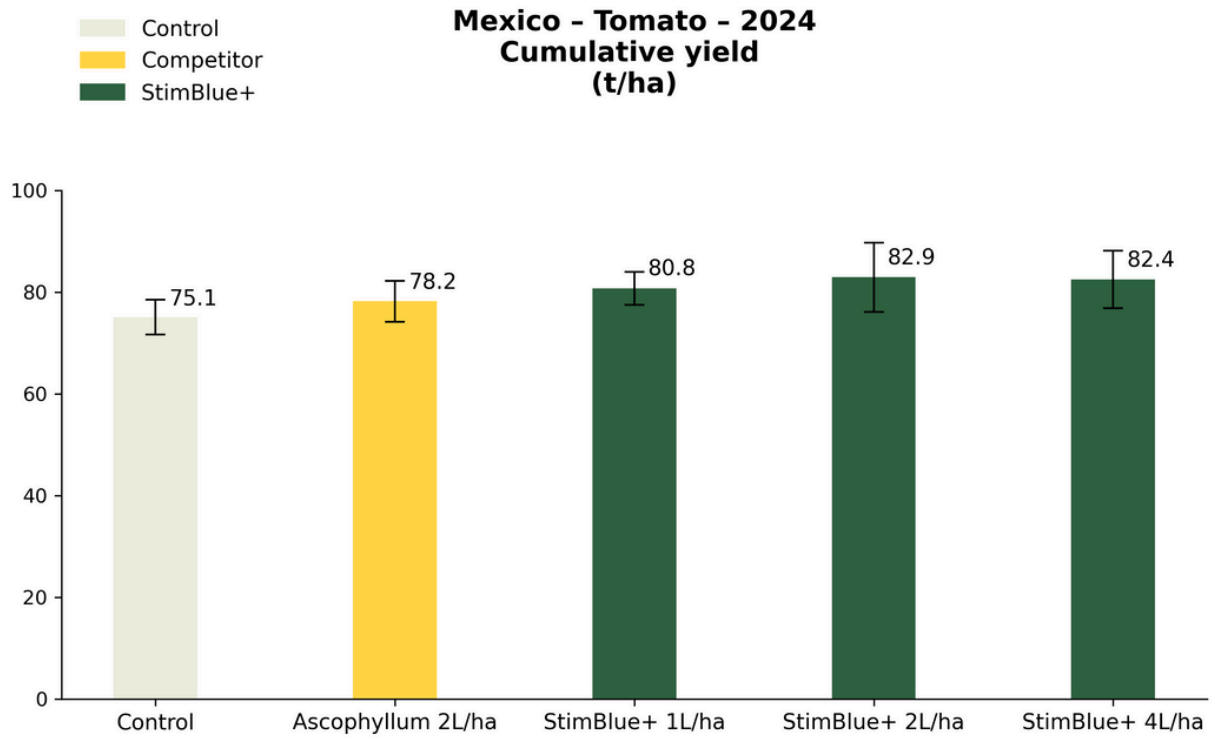




RESULTS EXPLAINED

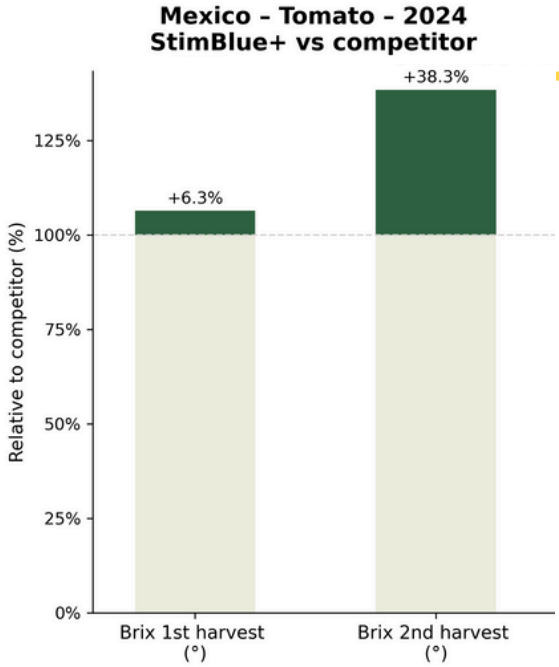
CUMULATIVE YIELD

- When assessing the cumulative yield - total amount of tomatoes harvested over a period of time, summed across multiple harvests - the application of StimBlue+ positively affected the overall harvest per plot per hectare, being **statistically different from control and outperformed the competitor by +8/10%.**

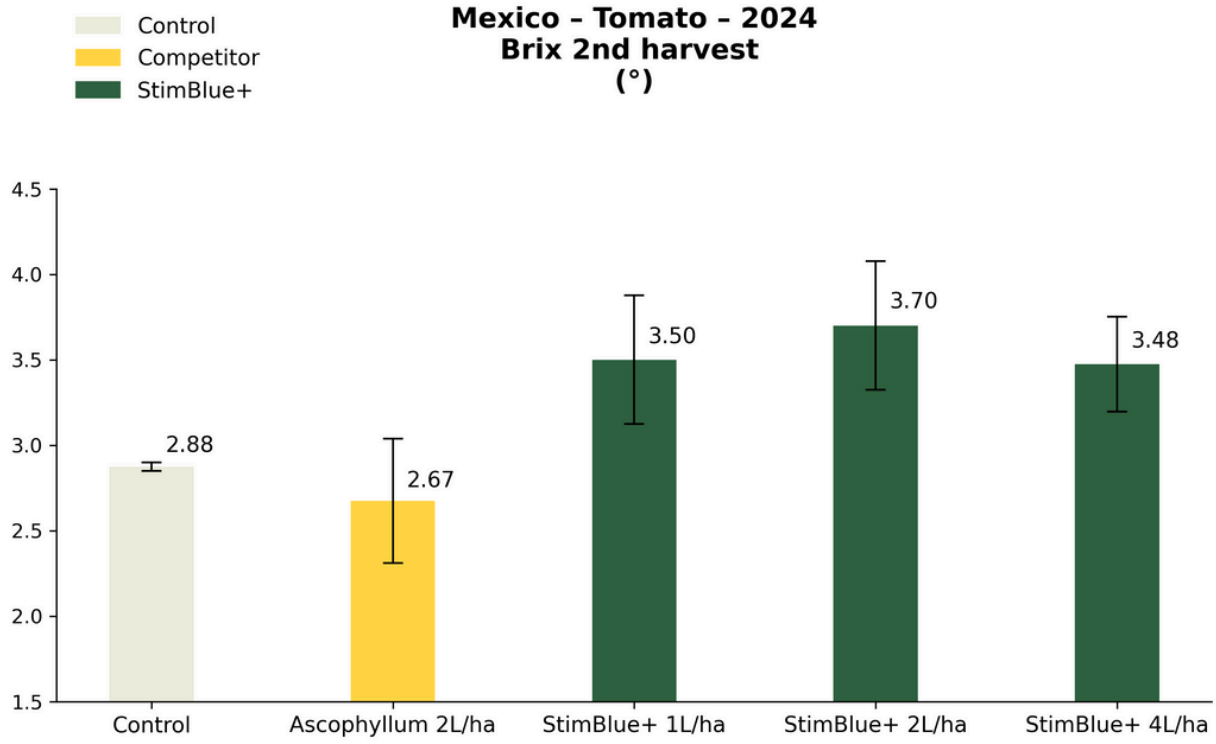


- The application of StimBlue+ at 2l/ha at the suggested applications calendar showed significant improvements in the overall productivity of tomatoes.

BRIX



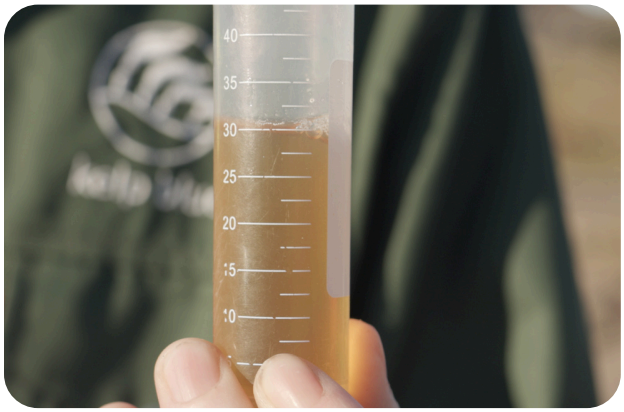
Just before harvest, StimBlue+ plants showed **higher Brix levels than both the control and the competitor**. StimBlue+ reached 3.70, while the control measured 2.88 and the competitor 2.67—representing a 28.5% increase over the control and a 38.6% increase over the competitor.



APPLICATIONS

- First application: Immersion of seedling roots for 20 minutes
- Second application: foliar spray before flowering ~ BBCH50
- Third application: foliar spray during fruit setting ~ BBCH75

*This approach ensures the plants receive support at critical growth stages.
The results are based on StimBlue+ suggested application rates and calendars



ABOUT STIMBLUE+

StimBlue+ is a biostimulant made from 100% cultivated Giant Kelp (Macrocystis Pyrifera), has shown to be a great solution for improving yield of tomato cultivation. The trial data suggests that it offers measurable, significant economic benefits, making it a great choice for those looking to optimize their crop output.

We plant kelp forests around the globe to boost the health and biodiversity of the oceans while locking away CO2, and producing products to offer sustainable alternatives to help transition agriculture to more sustainable practices.

STIM BLUE

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