EXPERIMENTAL REPORT
Lieta-Veg - Tomato

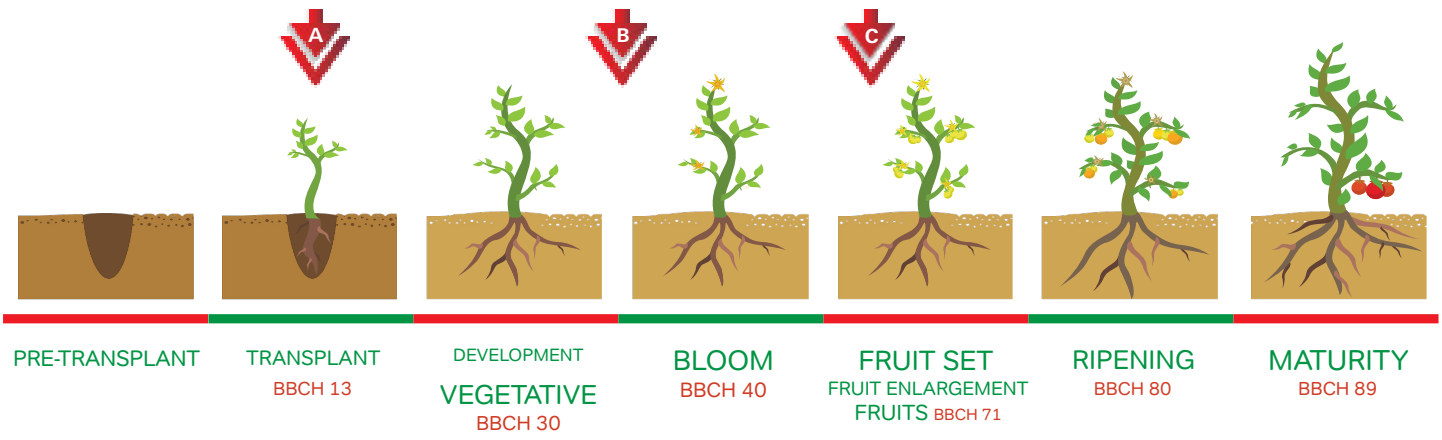
Objective:
Evaluate the biostimulant effectiveness of the Lieta-Veg formula, applied to the roots in tomato cultivation.

TRIAL DATA

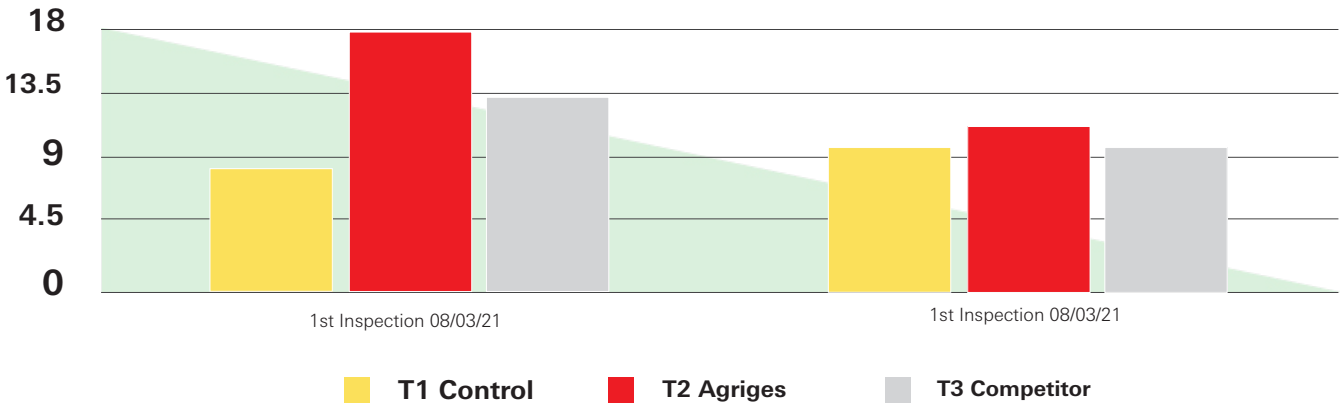
Crop	Tomato (C.V. Proxy F1)
Testing Center	Sata
Company	Sata Experimental Field
Test Location	Vittoria, C.da Alcerito (Ragusa)
Notes	Trial conducted in 2021 on conventional crop, transplant date 27-5-21
Observations	Root activity, qualitative and quantitative parameters.

Thesis	Formulation	Active Ingredients P/V	Rate/ha	Application Method	Application Stage	Timing
T1	Untreated	--------	--------	--------	--------	--------
T2	Lieta-Veg	•Organic Nitrogen (N) 3.1% •Organic Carbon (C) 22.3% •Organic Matter 37.2% •Ryzea •BPC	25 l	Root Application	BBCH13 BBCH35 BBCH71	ABC
T3	Competitor	•Total Nitrogen (N) 3.7% •Organic Nitrogen (N) 1.24% •Urea Nitrogen (N) 2.5% •Potassium Oxide (K_2O) 9.9% •Organic Carbon (C) 9.9% •Iron (Fe) 0.025%	25 l	Root Application	BBCH13 BBCH35 BBCH71	ABC

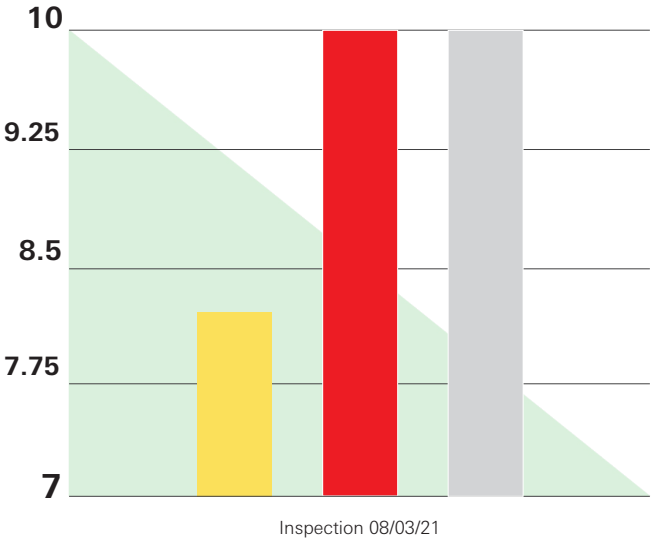
Application Stage: A transplanting (BBCH13), B vegetative growth (BBCH35), C fruit set (BBCH71).



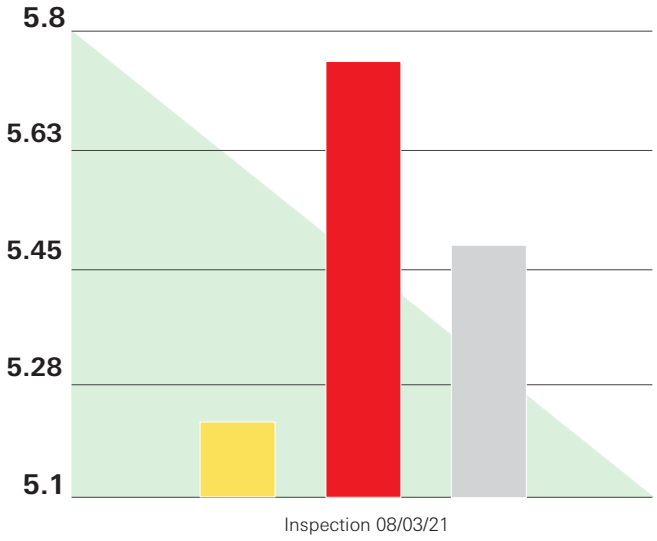
Evaluation of Lieta-Veg's effectiveness on root vigor 14 and 40 days post-transplant

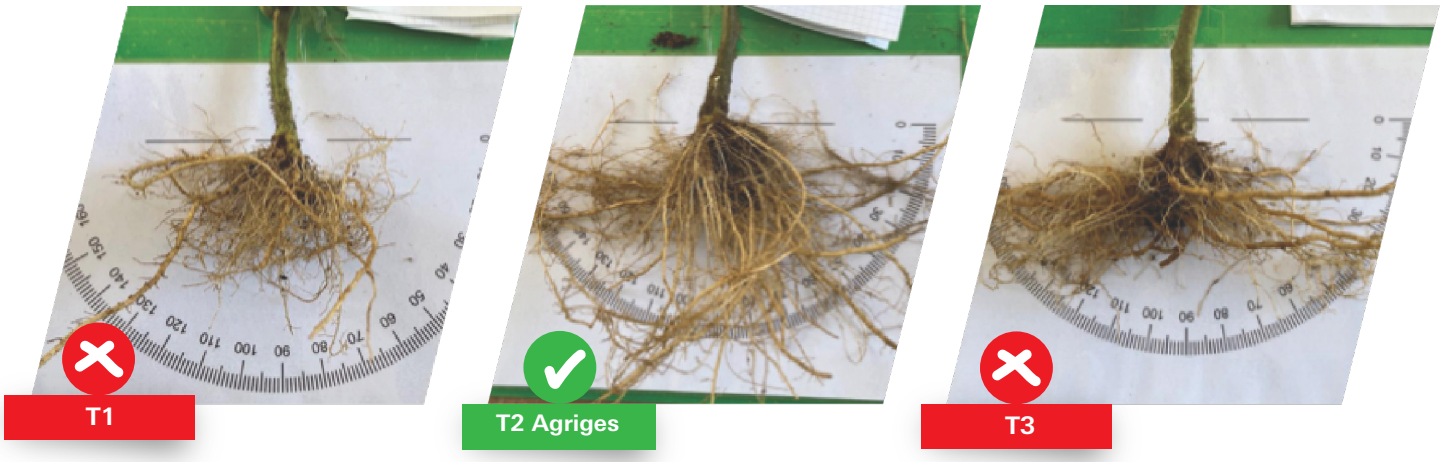


Assessment of Lieta-Veg's effectiveness on dry matter content (%) 40 days after the last treatment.



Assessment of Lieta-Veg's effectiveness on soluble sugar content (Brix) 40 days after the last treatment.





Results:

The use of **Lieta-Veg** in tomato cultivation, applied right from the initial stages (post-transplant) and throughout the cycle, helps plants overcome potential stress, grow strong and healthy roots, and enhance production both qualitatively and quantitatively.