



SAGEA

SUCCESS STORIES USING STIMBLUE+

OLIVE CULTIVATION



kelp blue

**STIM
BLUE**

ABOUT THE TRIAL

TRIAL CONDUCTED BY



SAGEA

LOCATION OF TRIALS



GREECE

SEASON

APRIL – OCT 2024



Sagea, an independent research organization, conducted three trials in different locations in Greece to test the effectiveness of StimBlue+ for olives.

Plants treated with StimBlue+ showed consistent greater yield when benchmarked against control and competitor' plots with Ascophyllum nodosum based biostimulant.

+3–7%

increase in oil content
vs competitor

+\$430–\$590

increased economic
returns per hectare

The background image shows a person in a blue wetsuit and a white cap harvesting seaweed from the water. They are holding a long pole with a net or basket at the end, which is filled with yellowish-brown seaweed. The water is dark, and the sky is a pale blue. The overall scene is bright and sunny.

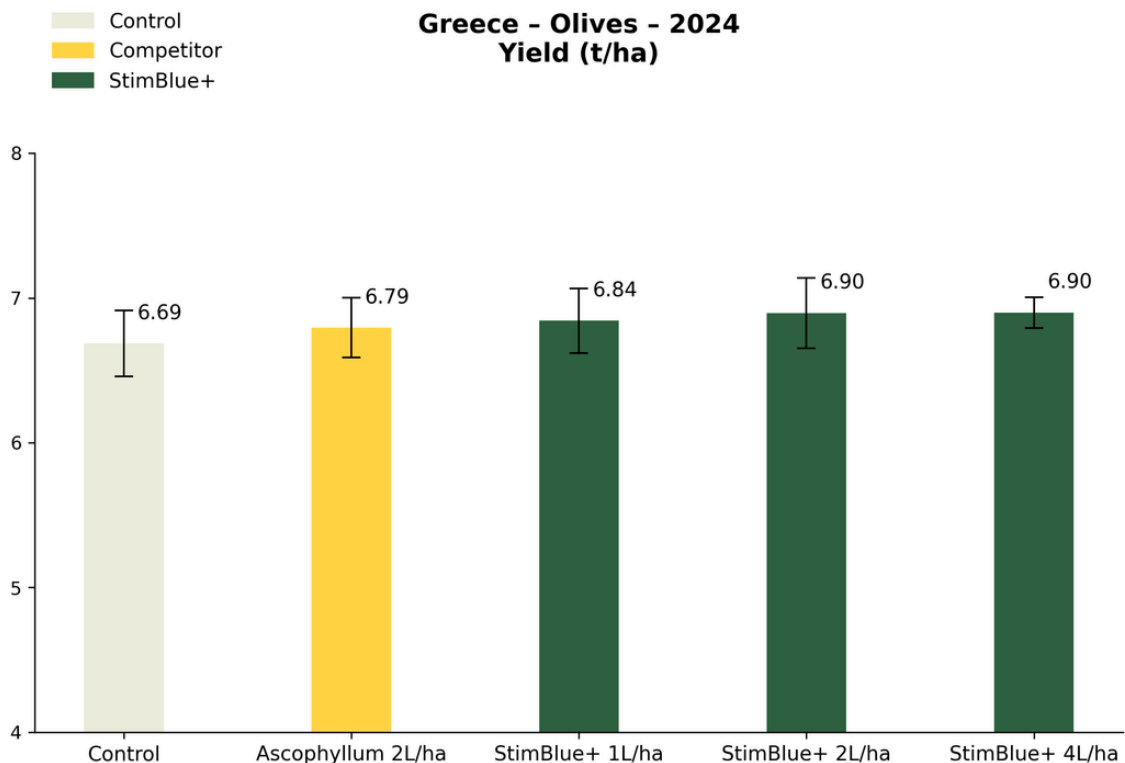
RESULTS EXPLAINED

INCREASED YIELD

- ✚ The application of StimBlue+ showed consistently positive yield results in all the trials.

At harvest, plots treated with StimBlue+ (at different concentrations) had a greater yield of +2% compared to the control and +1% than the competitor (known biostimulant from *Ascophyllum nodosum*).

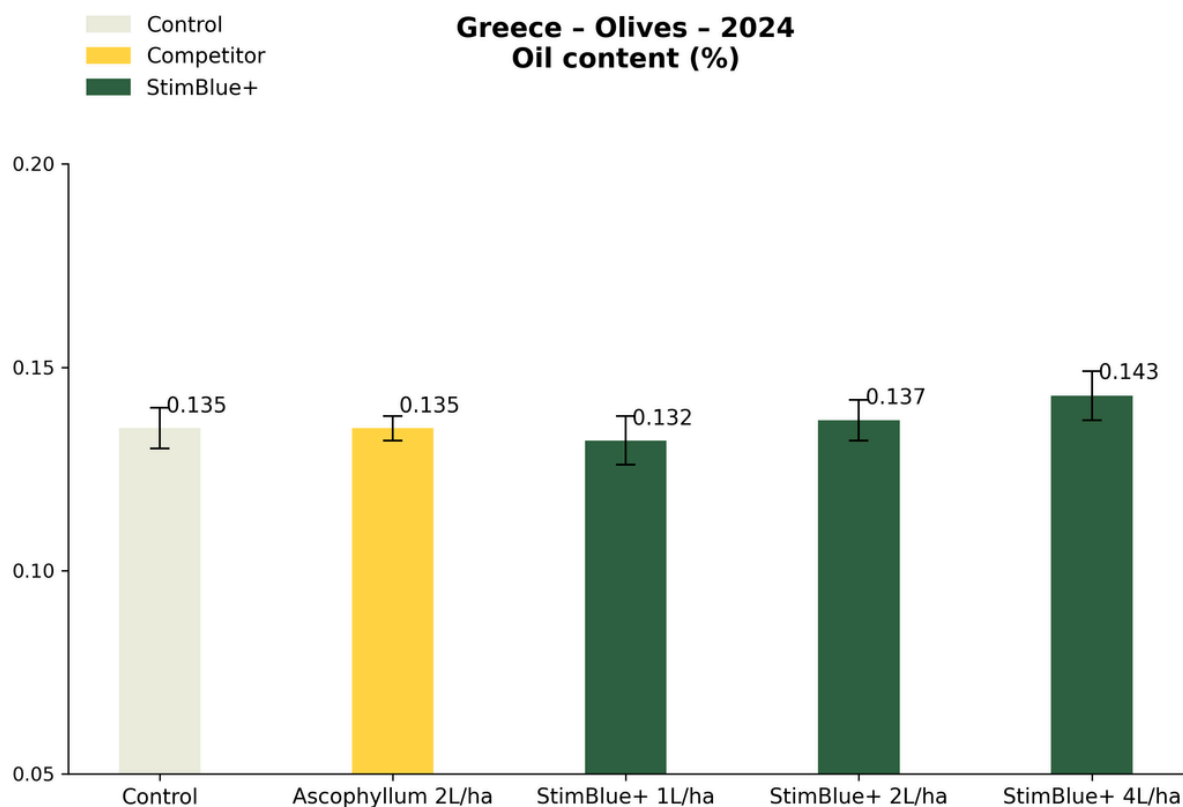
- ✚ At the current evaluation, plots where StimBlue+ was applied showed an increased value of crops harvested by \$430-590/ha when compared with control.



OIL CONTENT

- ✚ The oil content in olives is a critical parameter for evaluation because it directly influences the quality, economic value, and health benefits of the derived olive oil. The oil content determines the efficiency of oil extraction during processing. Olives with higher oil content yield more oil, making them more desirable for production. Higher oil content often correlates with better nutritional and sensory qualities.

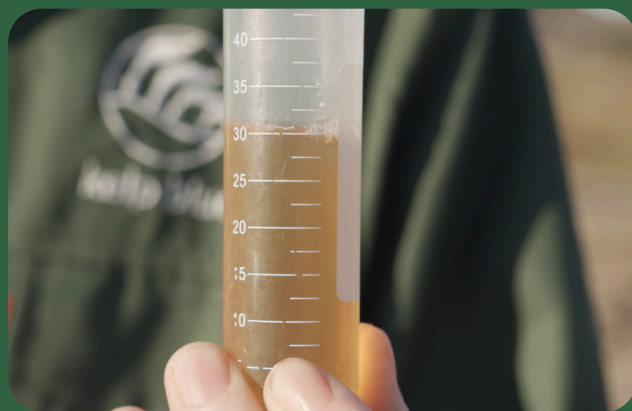
- ✚ StimBlue+ (at different concentrations) yielded greater oil content by 3-7% than the competitor.



APPLICATIONS

- + First application: foliar spray at bud burst ~ BBCH53
- + Second application: foliar spray at flowering ~ BBCH65
- + Third application: foliar spray at fruit set ~ BBCH73

*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+, a biostimulant made from 100% cultivated Giant Kelp (*Macrocystis pyrifera*), has shown to be a great solution for olive cultivation. The trial data suggests that it offers significant, positive effects on olive quality as well as production.

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.



**CONTACT
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