

Champagne Experimentation

SUCCESS STORIES USING STIMBLUE+

GRAPE CULTIVATION

ABOUT THE TRIAL

TRIAL CONDUCTED BY

Champagne
Experimentation

LOCATION OF TRIALS



FRANCE
Champagne



SEASON

APRIL - OCT
2023, 2024, & 2025

CLIMATE

TEMPERATE
no dry season, warm

SOIL TYPES


CALCEROUS
CLAY

3 YEARS OF INCREASED YIELD

Changes in climate, pest and disease conditions make for varying yields year-to-year. Still, StimBlue+ at 2 L/ha consistently increased yields vs. control, thereby increasing additional economic returns per hectare for growers.

2023	16,6 t	+25%	+\$13,385
2024	6,34 t	+36%	+\$6,710
2025	11,6 t	+6%	+\$2,490

*Economic returns: StimBlue+ at 2 L/ha based on a typical farm gate price of \$3,660/t/ha in 2024.



RESULTS EXPLAINED

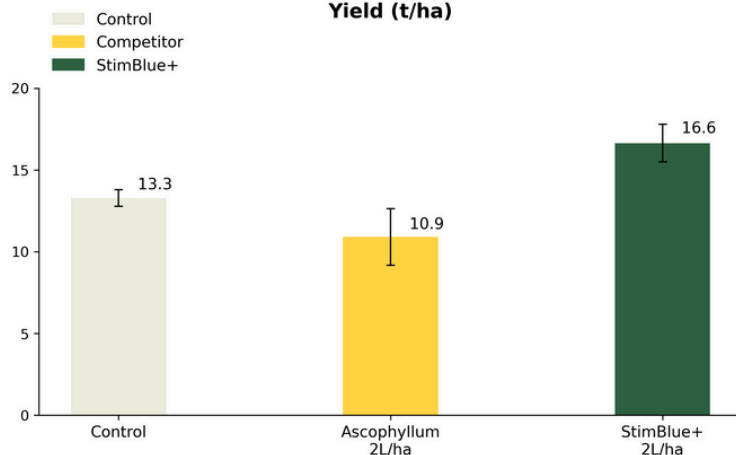
YIELD



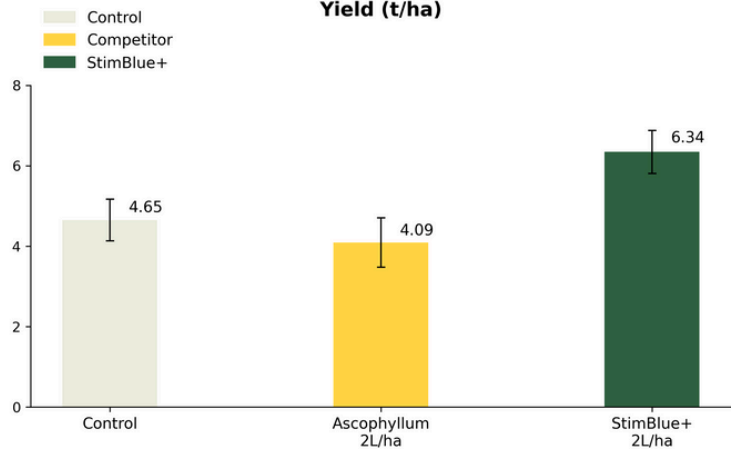
Throughout the harvests in 2023, 2024 and 2025, plots treated with StimBlue+ at 2 L/ha showed an average of 23% greater yields compared to the control and competitor.



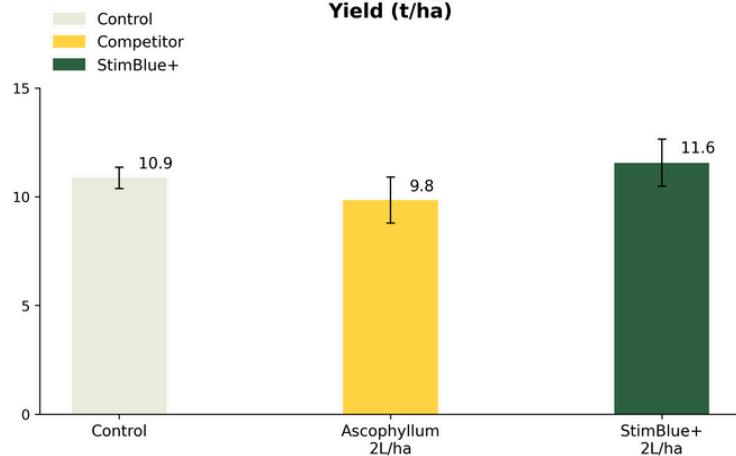
France - Wine Grapes - 2023
Yield (t/ha)



France - Wine Grapes - 2024
Yield (t/ha)



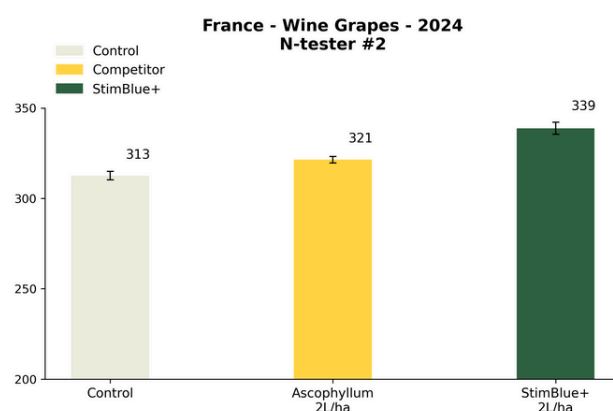
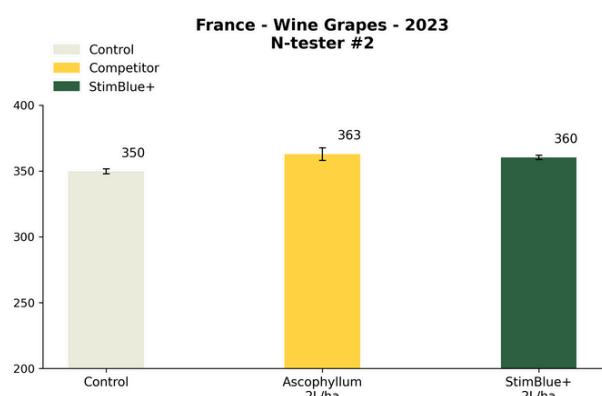
France - Wine Grapes - 2025
Yield (t/ha)



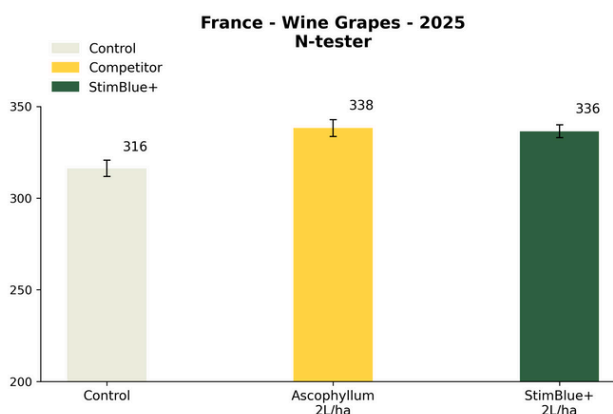
The 2024 and 2025 growing seasons posed many challenges to farmers, including heavy rains, extreme heat and rise in powdery mildew. These conditions can help to explain the difference in yield between the years. Still, vines treated with StimBlue+ consistently outperformed the control and the competitor, showcasing how StimBlue+ works well for plants under abiotic stress. Champagne Experimentation observed that after several years of biostimulant application on the same plots, yield gains tend to stabilise – a sign that the soil and vines have reached an optimal balance. This suggests that, over time, a lower inclusion rate may be sufficient to maintain performance.

N-TESTER

- ✚ The N-Tester handheld device was used to measure the nitrogen status of grapevines by assessing leaf chlorophyll content, which correlates with nitrogen levels. It provides quick, non-destructive readings that help optimise nitrogen application, enhancing grape quality and yield. The N-Tester is particularly useful at the veraison stage when the plant switches from vegetative to reproductive stage, meaning an adequate level of nutrients (N in this case) is required.



In all assessments, StimBlue+ showed greater results compared to the control. This can also be witnessed by the “greener” colour of the plants treated with StimBlue+ when compared to other treatments.



APPLICATIONS

- + First application: Apply as a foliar spray at BBCH57 - before flowering.
- + Second application: Apply as a foliar spray at BBCH73 - at fruit set.
- + Third application: Apply as a foliar spray at BBCH79 - during ripening.

*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 grape cultivation. The trial data suggests that it offers significant, positive effects on quality and yield.

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.



SEAWEED DONE RIGHT

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