



Walnut: Hyberol

Aim of the trial

The effect of the product Hyberol on the fruit set and yield of walnut trees was studied in a two-year trial.

General information

Conditions of the trial:

Trial location: France - Rhône-Alpes

Variety:

Fernor

In cooperation with: Oxyane

Treatments

2 modalities:

- Untreated control
- BMS MN:

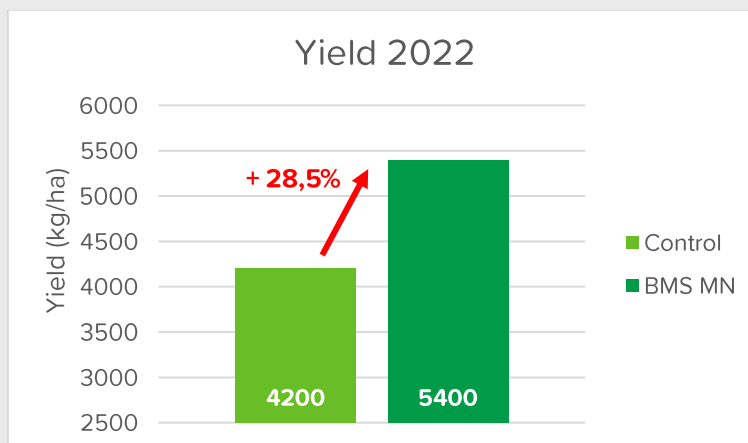
When?	Foliar treatment
Spring 2021 at the stage Df2/Ef	Hyberol 2 L/ha
August 2021	Hyberol 2 L/ha
Spring 2022 at the stage Df2/Ef	Hyberol 2 L/ha
August 2022	Hyberol 2 L/ha

Results

	2021	2022			
	Fruit set rate	Fruit set rate	Gross weight (kg)*	Estimated yield (kg/ha)**	Mean Calibre (mm)
Control	0.86	0.85	5.6	4200	32.5
BMS MN	0.90	0.80	7.2	5400	32.2

* Yield of 20 quadrants of 0.4 m² each per modality.

** Approximate area of the walnut trees: 6000 m² on 10000 m²



Conclusion:

We were able to observe that Hyberol improved the fruiting of the trees. This translates into an increase in yield in 2 years which is obviously to be moderated in reality if we consider that there are certainly some biases linked to the experimental protocol and an imperfect homogeneity of the plot. That said, the trend is clear.

In 2022 we did not measure any effect on the fruit set rate, certainly because the total number of fruits on the tree was visibly higher thanks to the 2021 treatments. This potentially reflects a compensation effect.