



Foliar nutrition on lavender

Objective of the trial

Evaluation of a BMS MN foliar nutrition program on lavender to increase the production of essential oils, in comparison with a competing product.

General information

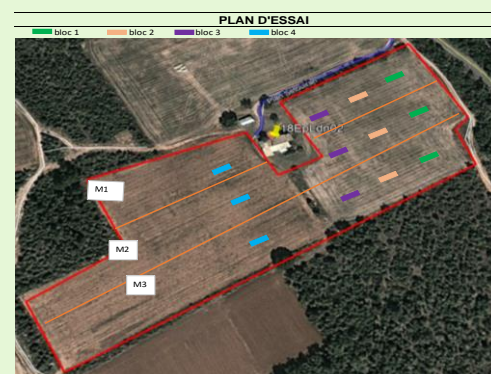
Conditions of the trial:

Trial location: France – Provence-Alpes-Côte-d'Azur

In cooperation with: Raison'Alpes

Treatments

Modality	T1 Start of the elongation	T2 Elongation T1 + 2 to 3 weeks
Untreated control	-	-
BMS MN	Kappa Z at 2 kg/ha + Chelal Fe/Mn at 1 L/ha	Fructol NF at 2 kg/ha + Chelal Fe/Mn at 1 L/ha
Farmer	Competing product* at 5 L/ha	



*NPK 9-5-4 + 0.05% B + 0.02% Cu + 0.02% Fe + 0.1% Mn + 0.01% Mo + 0.05% Zn + seaweed extracts

Results

Modality	Yield determined by the farmer (1 distillation per modality)		Yield determined by Raison'Alpes (mean of 4 distillations per modality)	
	Essential oil yield (kg/ha)	Diff. (kg/ha)	Essential oil yield (L/ha)	Diff. (L/ha)
Control	137.4		143.2	
BMS MN	165.5	+ 28.1	157.7	+ 14.5
Farmer	140.0	+ 2.6	148.6	+ 5.4

Conclusion: taking into account that the price for essential oils is around € 20/kg, the BMS MN program clearly creates additional added value for the producer.

