



Increasing lettuce weight

Aim of the trial

The objective of the trial is to achieve a bigger crop size and uniformity in lettuce during the winter period. Lettuce is a crop with a very short crop cycle (only 65-75 days), and during the winter it is very difficult to develop good homogeneity and size.

General information

Conditions of the trial:

Trial location: Spain – Murcia
Variety: Romana
In cooperation with: Grupo G's España
Water volume/ha: 1000L per application

Treatments

The trial was carried out on two hectares (the soil fertilization was the same for the 2 modalities):

- Untreated control (1 ha)
- BMS MN (1 ha)

	Date	Product
Post-transplant (after 4-5 days)	21/11/18	Hyberol 2 L/ha
After 15 days	06/12/18	Fructol NF 1 kg/ha Chelal AZ 1.5 L/ha
After 11 days	17/12/18	Fructol NF 2 kg/ha Chelal AZ 1 L/ha
After 11 days	28/12/18	Fructol NF 2 kg/ha Chelal AZ 1.5 L/ha Chelal Omnical 1 L/ha
After 13 days	10/01/19	Fructol NF 1.5 kg/ha Chelal AZ 1.5 L/ha



Results

Results rooting, 10 days after the application of Hyberol:

BMS MN



Control





11 days after the first application of Fructol NF + Chelal AZ:

BMS MN



Control



12 days after the third application of Fructol NF + Chelal AZ:



BMS MN



Control

BMS MN

Control



13 days after the fourth application of Fructol NF + Chelal AZ:



BMS MN



Control



BMS MN



Control

	Control	BMS MN	%
Average lettuce weight (uncleaned)	722.9 gr	741.7 gr	+ 2.6%
Average lettuce weight (cleaned)	262.5 gr	310.4 gr	+ 18.2%