

Persimmon: improving the fruit size

Objective of the trial

The main objective of the trial is to increase the fruit size.

General information

Conditions of the trial:

Trial location: Spain – Valencia
Variety: Rojo Brillante
In cooperation with: Terres poda i manteniment
Harvesting date: 24/11/2017
Soil type: Loamy with a lot of clay particles
5 year old plantation, density of 3.5 m X 5 m, with drip irrigation



Treatments

2 modalities (plots of 0.5 ha):

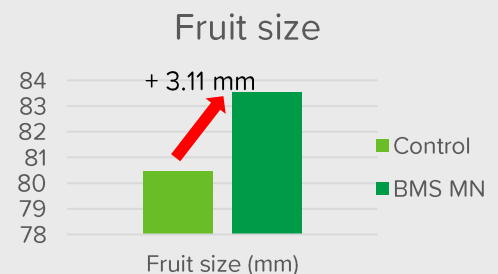
- ⇒ T0: Control
 - ⇒ T1: Program for fruit size of BMS MN
 - 25/09/2017: Chelal RD NF 1 kg/ha + Landamine Zn 5 L/ha + Kappa G 5 kg/ha*
 - 10/10/2017: Chelal RD NF 1 kg/ha + Landamine Zn 5 L/ha + Kappa G 5 kg/ha
- * The 1st application was carried out together with gibberellic acid (to delay the harvest).

The soil fertilization was the same for the 2 modalities.

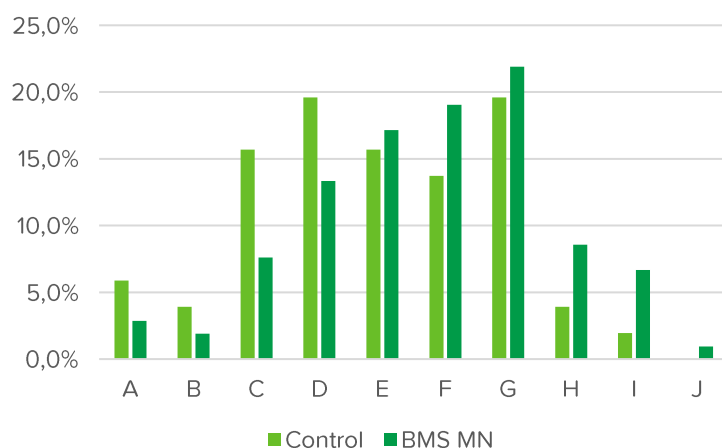
Results

	Fruit size (mm)
T0: Control	80.47
T1: BMS MN	83.58

- ⇒ **Conclusion:** due to the foliar nutrition program:
- An increase of the fruit size of 3.11 mm
 - An increase in fruit size homogeneity
 - Better leaf quality



Distribution fruit size



A = smallest fruit

J = biggest fruit

The measurements were done on at least 50 fruits per modality.

