

Corn

France - 2014



Aim of the trial

Compare the efficiency of the BMS Micro-Nutrients nutritional program compared to the traditional fertilization program of the farm. Comparison of the yields obtained with the two nutritional programs on irrigated corn.

General Information

In collaboration with: Cédric POITEVIN of the company Vitivista.

Owner of the property: Mr Jean-Michel Guipouy at 33190 Lamothe Landerron.

Conditions the trial:

Vallée de Garonne, on heavy and fertile silt-clay soil

Crop: Corn – Variety DK 5830 – irrigated crop

Sowing: 22 April 2014 at 81700 seeds/ha with 80 cm seed distance

Herbicides: post emergence 22/5/14: 2,5 L Camix + 0,3 L Pampa + 0,2 L Dicavel

Insecticide: Dimilin + Cyperfor with 8/10 leaves

Sampling: samples of 20 ears of corn randomly picked from the different modalities: 5 samples of each 4 ears.

(Modality traditional fertilization farm: 16 at row 16 and 4 at row 18; Modality BMS MN: 3 at row 16 and 17 at row 18).

Treatments

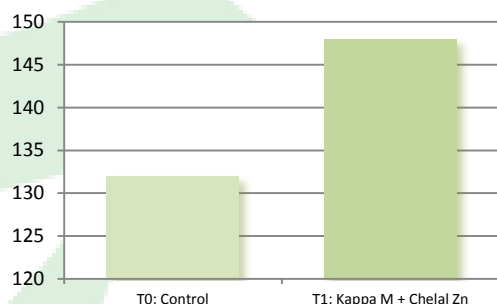
T0: Fertilization of the farm (before sowing): 600 kg (35-7-7) per ha + 20 kg Physiostart

T1: BMS MN Program: 480 kg (35-7-7) + 20 kg Microlan Zn (before sowing) + (1.5 L/ha Chelal Zn + 8 kg/ha Kappa M) applied together with the herbicides + 8 kg/ha Kappa M applied together with the Insecticides (8/10 leaves).

Results

	Total cost of fertilization per ha	Yield per ha	Financial result per ha
T0: Control	343 €/ha	13200 kg/ha	1493 €
T1: BMS MN	416 €/ha	14800 kg/ha	1686 €

⇒ Net economic benefit of the BMS MN Program: 120 €/ha



CONTACT

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