

BEET GREENS



Crop	Beet greens
Location	Spain
Problem	Saline water and soil
Date	July 2017
Duration of study	9 months

A study was carried out by comparing the output obtained on two plots with identical conditions, one irrigated with untreated water and the other irrigated with water treated with Aqua4D®.

Aqua4D® action enables the salts to remain dissolved in the water, and those not absorbed by the plants are trickled down well under the rhizosphere in a dissolved form. There is no more crystallization of salts in the soil pores damaging the plant nutrient uptake.



Ecological and chemical-free

Weight per meter in kg/m

Plot variety "Charlie" and "RZ104"	Control	Aqua4D®
Measurement 1	0.73	1.08
Measurement 2	1.03	1.66
Measurement 3	0.77	1.36
Average weight	0.84	1.37
Weight increase (kg/m)		+63%

Profit calculation in Euros per hectare

Average profit	Control	Aqua4D®
Beet average (kg/m)	0.84	1.37
Production average (kg/ha)	3'780	6'165
Price [eur/kg]	1.8	1.8
Average profit (euros/ha)	6'804	11'097
Profit with Aqua4D®		4'293 EUR/ha

+63%
production increase

ROI less than
2 agricultural cycles



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