



TOMATO

Crop	Tomato
Location	Spain
Problem	Saline Water
Date	June 2016
Duration of study	14 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® improves water retention in the soil, allowing water to infiltrate more easily in the plant's micropores (capillary effect). It also enhances root development (reinforced hair structure).

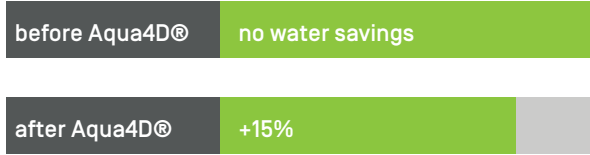
Aqua4D® leads to reduced water use in irrigation while leaving more water at the plant's disposal.

+15%
water savings



Ecological and chemical-free

Water savings



Aqua4D® will reduce water consumption while improving yields and crop quality.

Water quality

Source	EC (mS/cm)	TDS (mg/l)	Na+ (mg/l)	pH
Well water	1.54	2800	524	7.4

Soil quality

Structure	Organic matter %	EC (ms/cm)	pH	SAR
36% sand, 44% silt, 20% clay	2.5	4.5	8.1	8.8

4 months average brix

Plot	average °Bx
Control	5.5
Aqua4D®	6.5

4 months production yield

Plot	production yield (kg/m ²)
Control	6.77
Aqua4D®	7.33

+18%
brix increase

+8%
production increase

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