

GRAPE



Crop	Grapes
Location	Petrolina, Brazil
Problem	Soil salinity
Date	2017
Duration of study	1 year

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® enables a better dissolution and better distribution of the minerals in irrigation water. The salts remain dissolved in water and those not absorbed by the plant are carried off under the rhizosphere.

Salts are no longer crystallized in the soil pores and no longer inhibit the nutrition of the plant.

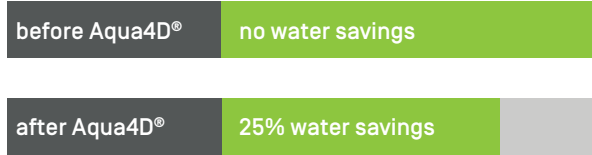
This enables a larger contact area between the roots and the nutrients as well as a greater ease of absorption.

+25%
water savings



Ecological and chemical-free

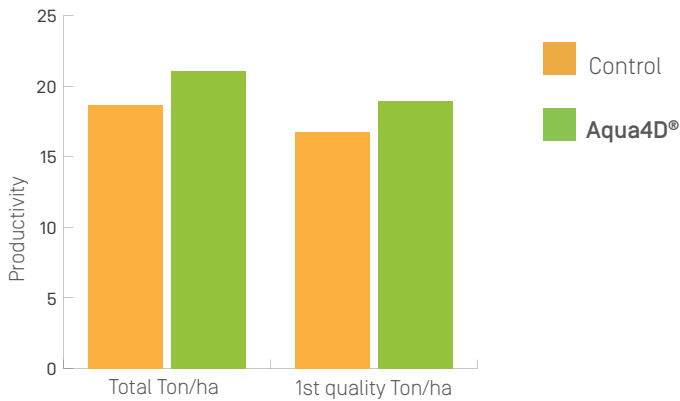
Water savings



Aqua4D® enables a reduction of water consumption while improving yields and crop quality.

Harvest 2017 - Production graph

Area	Total Ton/ha	First quality Ton/ha	Productivity	Quality
Control	18.67	16.72		
Aqua4D®	21.08	18.97	+13%	+13%



+13%
Production increase

+13%
First quality increase



Headquarters
 Aqua4D Water Solutions
 Ecoparc de Daval A9, 3960 Sierre
 Switzerland
 T +41 27 480 30 35
 info@aqu4d.com
 www.aqua4d.com

SWISS TECHNOLOGY

