



AVOCADO

Crop	Avocado
Location	Peru
Problem	Saline soil, clogging
Date	May 2017 - July 2018
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® 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's nutrient uptake.



Ecological and chemical-free

Total production of both plots evaluated by calibers

USD price for a 4 kilos box*	7.20	7.80	7.80	7.80	7.80	6.72	5.68	5.68
Calibers	10 (364-462g)	12 (300-371g)	14 (258-313g)	16 (227-274g)	18 (203-243g)	20 (184-217g)	22 (165-196g)	24 (151-175g)
Control (boxes)	23	406	1'174	1'080	731	175	126	46
Aqua4D® (boxes)	96	738	1'618	542	577	82	159	31
Variation in %	317	82	38	-50	-21	-53	26	-33

* references prices of avocado for US market, references from APROAM in June 2018 (Mexican avocado association)

Average of fruit harvests

Results	Weight (gr)	Circumference (cm)	Length (cm)	Total variation 1st quality
Control	323.82	24.08	11.05	85%
Aqua4D®	375.28	25.35	12.07	90%
Variation %	16%	5%	9%	6%

Aqua4D® improved the fruit size - higher circumference, length, and weight and reduced the fruit waste and thus enhanced the fruit quality, resulting in a gain of profitability.

+16%
average weight increase

+9%
average length increase



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