



WATERMELON

Crop	Watermelon
Location	Spain
Problem	Increase production
Date	March - June 2016
Duration of study	3 months

A study was carried out by the "Fundacion Cajamar" in Spain, comparing the output obtained of three lines of 18 plants, two lines irrigated with untreated water and one line irrigated with water treated with Aqua4D®.

Aqua4D® enables a better dissolution of fertilizers in irrigation water. Also improving the water retention in the coco fiber helps develop a denser root system with hairy structure.

This results in larger contact area between roots and nutrients, improving nutrient absorption by the plant.



Ecological and chemical-free

Soil characteristics

Structure	Organic matter %	EC 1/2 (ms/cm)	pH
Coco fiber	80	0.03	5.7

Production

Plot	[Fruits/m ²]
Control	2.09
Aqua4D®	2.45

The study was carried out in the “Palmerillas” research center by **Fundación Cajamar** in Spain.

Production

Plot	Weight (kg/m ²)
Control	9.14
Aqua4D®	9.99

Commercial production

Plot	[Fruits/m ²]
Control	1.98
Aqua4D®	2.28

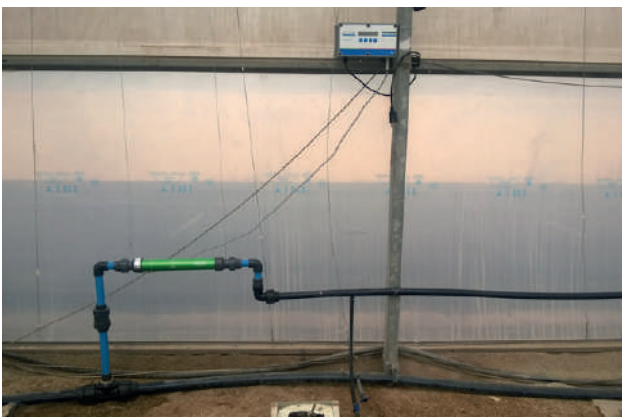


Commercial production

Plot	Weight (kg/m ²)
Control	9.00
Aqua4D®	9.67

+15%
commercial fruits

+7%
commercial weight



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