

# WATERMELON

Crop Location Problem Date Duration of study Watermelon Spain Increase production March - June 2016 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<sup>®</sup>. Aqua4D<sup>®</sup> 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

StructureOrganic matter %EC 1/2 (ms/cm)pHCoco fiber800.035.7ProductionFundaciónProductionWeight (kg/m²)Control2.09The study was carried out in the "Palmerillas" research center by Fundación Cajamar in Spain.PlotWeight (kg/m²)Plot[Fuits/m²]Spain.Commercial production9.99Plot[Fuits/m²]Spain.Commercial productionSpain.Plot[Fuits/m²]Image: Commercial productionNeight (kg/m²)Plot[Fuits/m²]Image: Commercial productionNeight (kg/m²)Plot[Fuits/m²]Image: Commercial productionNeight (kg/m²)Control1.98Image: ControlSpainControl1.98Image: Control <td< th=""><th>Aqua4D<sup>®</sup> 2.28</th><th>Aqua4D<sup>®</sup></th><th>9.67</th></td<>	Aqua4D <sup>®</sup> 2.28	Aqua4D <sup>®</sup>	9.67
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StructureOrganic matter %EC 1/2 (ms/cm)pH	Coco fiber 80	0.03	5.7
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## +15% commercial fruits

### +7% commercial weight



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MKT-CSH-021-10-EN-Watermelon Spain.indd

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