



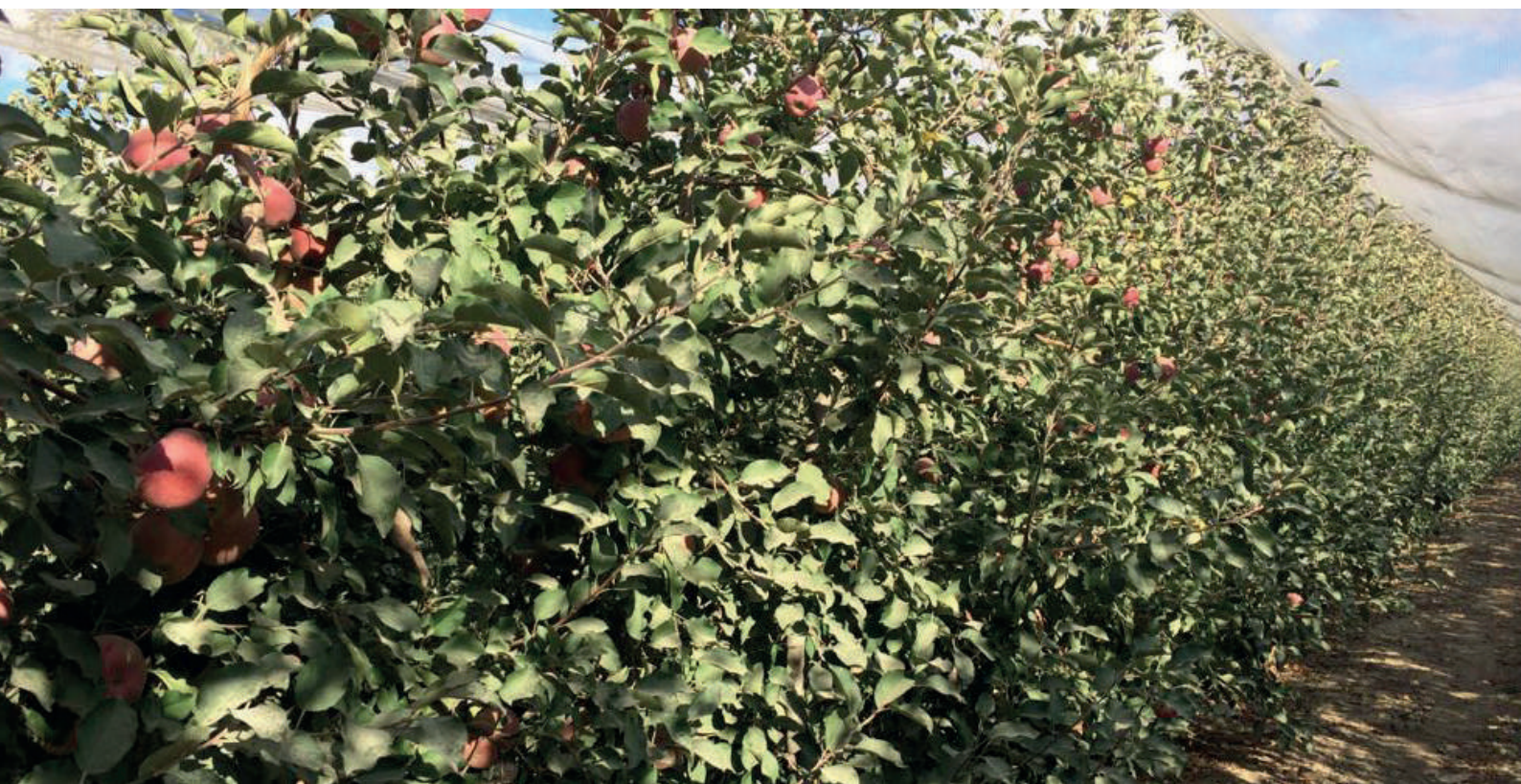
APPLE

Crop	Apple
Location	Turkey
Problem	Saline water
Date	April 2017
Duration of study	6 months
Water EC	8.9 dS/m

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® allows better dissolution and distribution of the minerals in irrigation water enables the plant to choose the right ions for its development and reject the toxic ions.

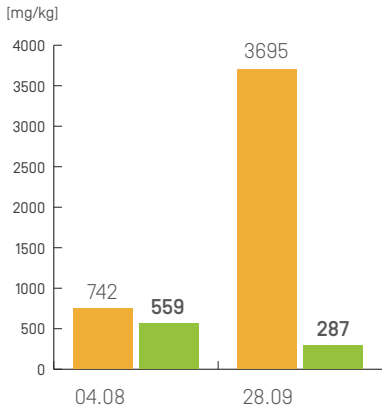
Aqua4D® increases water retention around the root system while having a leaching effect.



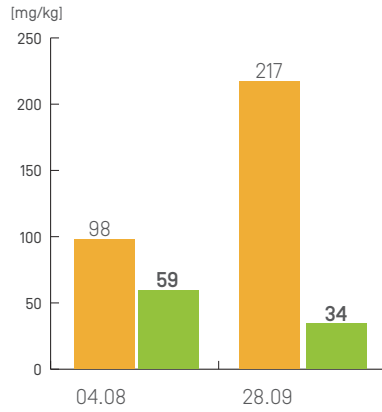
Ecological and chemical-free

The Aqua4D® system was installed on 10.04.2017

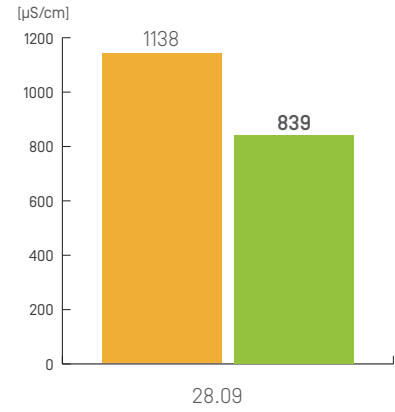
Foliar analysis Na



Foliar analysis Boron



EC soil



Control Aqua4D®

Foliar analysis average

Plot	Sodium [mg/kg]
Control	3695
Aqua4D®	287

Boron average

Plot	Average B [mg/kg]
Control	217
Aqua4D®	34

EC soil average

Plot	Average EC [µS/cm]
Control	1138
Aqua4D®	839

-92%
sodium in the leaves

-84%
boron in the leaves

-26%
reduction of soil EC



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