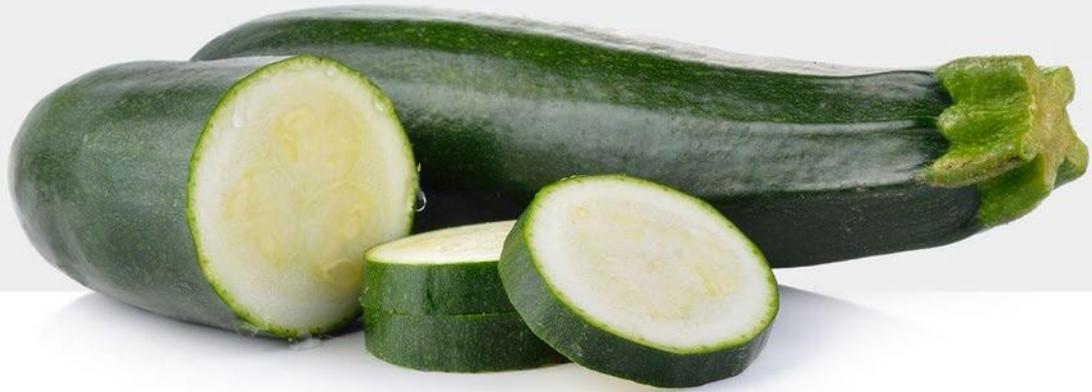


Increase in productivity and uniformity of sizes in zucchini variety 'Icarus' season 2020-2021

SUCCESS STORY



### Background

In December 2020,  **ficosterra** initiated a trial with the powdered bio-stimulant made from algae extracts and microorganisms

**Rhizomare**, in order to demonstrate its effectiveness in zucchini cultivation.

For this purpose, a greenhouse in La Mojonera (Almería, Spain) with an area of 12,000m<sup>2</sup> was selected, of which a total of 6000m<sup>2</sup> were treated, leaving the remaining area as a control zone.

**Rhizomare** is a 100% natural product, certified by SHC, which applies the Mare technology that combines the benefits of algae from the Laminariaceae family and three families of microorganisms. These two active ingredients work synergistically on the soil, achieving fruit uniformity, increased productivity, and improved plant health.



### Pursued objectives:

1

Increase in crop profitability

2

Increase in production

3

Homogeneity

4

Improvement in crop health

## Description of the trial



Location: La Mojonera, Almería, Spain



Product consumption: 3kgs/ha in three applications, over the first three months



Transplantation date: 12/03/2020  
Crop completion: 03/05/2021



Treated area: 6,000m<sup>2</sup>  
Control area: 6,000m<sup>2</sup>



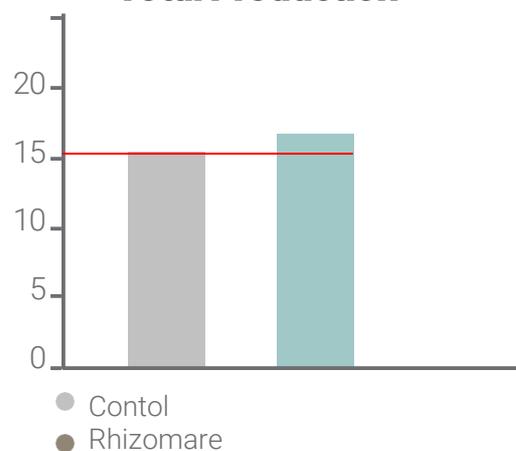
Application method: Fertigation

## Results obtained

### Average number of zucchinis per plant (first 20 harvests)

Harvest date	Control	Rhizomare
19/01/21	1,28	0,865
20/01/21	0,435	1,020
25/01/21	1	1,950
26/01/21	0,645	0,480
28/01/21	0,505	0,28
29/01/21	0,369	0,22
2/02/21	1,405	1,03
3/02/21	0,35	0,8
5/02/21	0,49	0,48
8/02/21	0,745	0,98
10/02/21	0,72	0,835
12/02/21	1	0,725
16/02/21	1,235	1,025
17/02/21	0,685	0,845
18/02/21	0,85	0,66
19/02/21	0,72	0,655
22/02/21	0,87	1,265
24/02/21	0,77	0,79
2/03/21	0,750	0,635
5/03/21	0,740	0,905

### Total Production



Total production	
Control	15,56
Rhizomare	16,44
Increase	6%

## Benefits of Rhizomare



Increase in economic benefits due to the increase in production



Improvement of crop efficiency by restoring soil microbiota



Environmentally friendly product



**ficosterra**

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