

# fruit set



## THE EFFECTS OF KELPAK ON FRUIT SET

Kelpak is globally recognised by scientists and producers as a biostimulant that stimulates sustained beneficial reactions in crops. This includes improvement in root and foliage growth, higher stress tolerance and ultimately increased yields.

Studies have shown that Kelpak stimulates the germination of pollen grains and pollen tube growth, which improves fertilisation and fruit set.

Boron deficiency in floral parts will stimulate the activity of the enzymes that naturally breaks down auxins found in the floral parts.

Low levels of auxins leads to poor pollen tube growth and, consequently, poor fruit set. For optimal results, any boron deficiency must be corrected before or together with Kelpak application.



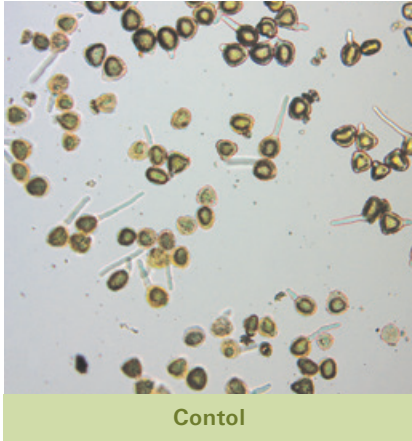
# Kelpak

Kelpak, a natural biostimulant manufactured from fresh *Ecklonia maxima* seaweed. Scientifically proven to improve the health, quality and yields in a wide variety of crops.

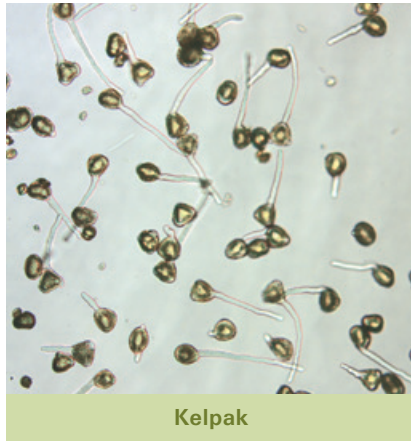
**A global leader in seaweed products for over forty years**



Improved germination and pollen tube growth

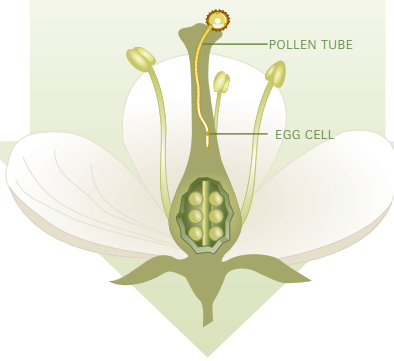


Contol

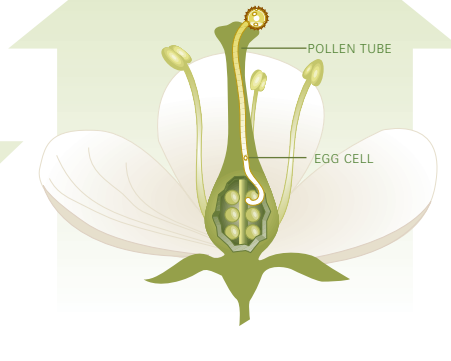


Kelpak

POOR POLLEN TUBE DEVELOPMENT  
POOR FERTILISATION  
POOR FRUIT SET - LOW YIELD



HIGH AUXIN CONTENT  
IMPROVED FRUIT SET, BETTER FERTILISATION  
IMPROVED YIELD



Improvement with Kelpak above standard practice

Crop	Fruit /plant	Increase per ha
Almonds	+ 15%	+ 21%
Cherries	+ 23%	+ 22%
Plums	+ 17%	+ 17%
Walnuts	+ 13%	+ 22%
Avocado	+ 13%	+ 8%
Tomato	+ 26%	+ 23%
Melon	+ 14%	+ 15%
Peppers	+ 20%	+ 18%
Beans	+ 24%	+ 31%

**RECOMMENDED APPLICATION RATE**

**Kelpak foliar spray:**

Apply Kelpak from bloom initiation to fruit set.  
Repeat once or twice at 10 to twelve day intervals

**Application rate:**

3 L/ha (0.3% minimum)

For optimum results correct boron deficiency before or together with Kelpak application of met Kelpak toediening

Kelpak is manufactured using the unique cold Cellburst extraction process



Kelpak