

# fruit set



## THE EFFECTS OF KELPAK ON FRUIT SET

Kelpak is globally recognised by both scientists and producers as a biostimulant that elicits numerous and sustained beneficial reactions in crops. These include improvement in root and foliage growth, a higher tolerance to stress and ultimately increased yields.

Scientists (Brubaker & Kwack, 1963) demonstrated that the presence of natural sugars; potassium, calcium, magnesium and boron are essential for pollen germination and growth. Kelpak Liquid Fertiliser contains all these substances, complimented by natural carbohydrates and carboxylic acid complexes. Studies have shown that Kelpak stimulates the germination of pollen grains and pollen tube growth, which improves fertilisation and fruit set. Be sure to correct any boron deficiency, as this element is important in the promotion pollen tube growth.



Kelpak

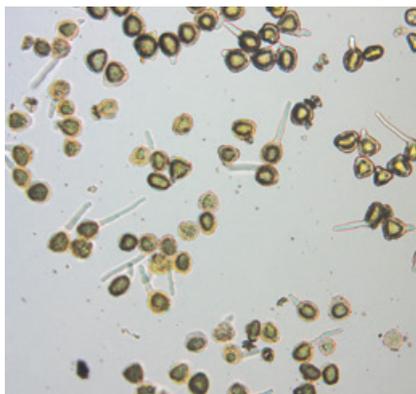
Kelpak, a natural seaweed extract manufactured from fresh *Ecklonia maxima* seaweed. Scientifically proven to improve the health, quality and yields in a wide variety of crops.

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

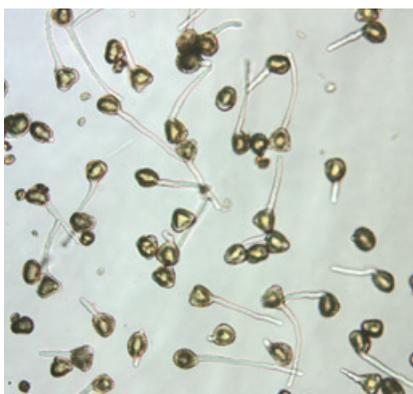


Inspected by ECOCERT SA F-32600

## Improved germination and pollen tube growth

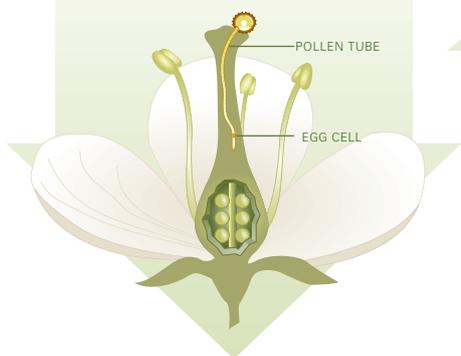


Control

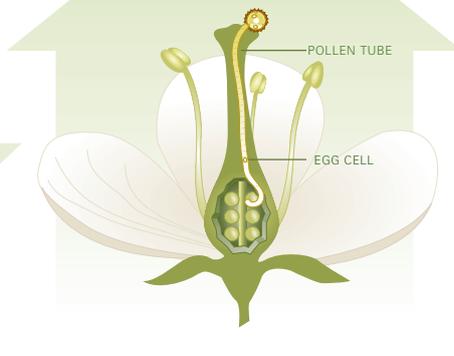


Kelpak

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



KELPAK APPLICATION ELICITS  
IMPROVED FRUIT SET, BETTER FERTILISATION  
IMPROVED YIELD



## Improvement with Kelpak above standard practice

Crop	Fruit per 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 12 day intervals

#### Application rate

3 L/ha (0.3% minimum)

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

Kelpak is manufactured  
using the unique cold  
Cellburst extraction process



# Kelpak