

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 maintenance of the plant's auxin levels, which in turn promote pollen tube growth.



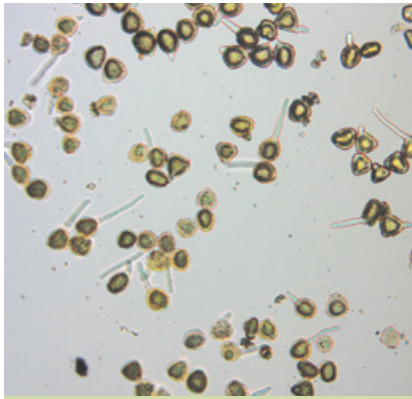
Kelpak is a natural plant nutrient manufactured from the brown kelp *Ecklonia maxima*, found on the west coast of South Africa. Kelpak is produced using a cold cellular burst extraction method to preserve the delicate compounds in the cell sap. The end product significantly improves the health, quality and yield in a wide variety of crops

Kelpak

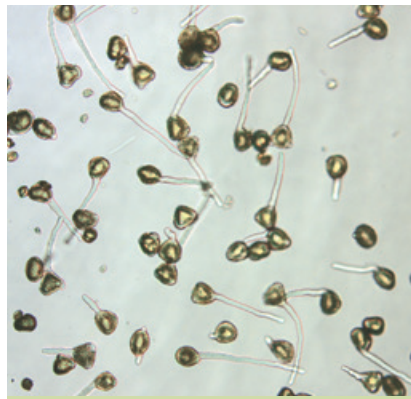
A global leader in seaweed products for over forty years



Improved germination and pollen tube growth

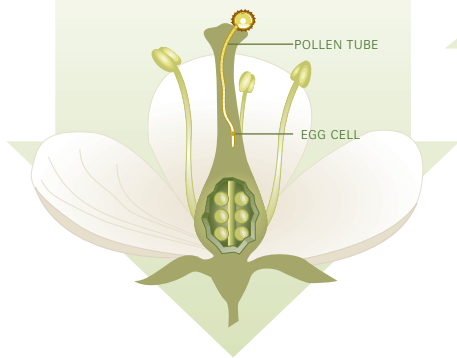


Control

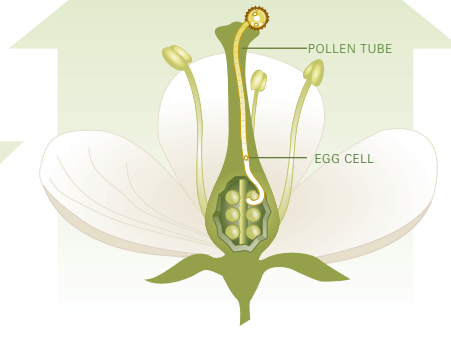


Kelpak

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 pts/Ac (0.3% minimum). For optimum results correct boron deficiency before or together with Kelpak application



Kelpak

Kelpak is manufactured using the unique cold Cellburst extraction process