



**Source** Fresh *Ecklonia maxima* seaweed is harvested by divers using selective and sustainable methods to maintain the pristine marine environment and to ensure a healthy kelp forest and optimal end-product

**Process** Cold cellular burst extraction method preserves the delicate compounds in the cell sap

**Activity** Enhances physiological processes in plants, improving crop quality and yields

**Key benefits** Reduces abiotic stress, benefits pollen germination, pollen tube growth, fertilisation and fruit set. Increase in yields with better returns for the grower

**Additional benefits** Reduces transplant shock, improves size and uniformity of fruit and nuts, is certified for use in organic production







Kelpak<sup>®</sup> is a composite of active compounds that contribute to numerous favourable responses in plants:





*Ecklonia maxima* is a giant kelp species containing compounds that provide significant benefits for crops. In order to access these delicate compounds without diminishing their efficacy, a proprietary high pressure extraction method is used to rupture the cell walls, releasing the maximum level of active compounds.



The proprietary Cellburst® extraction process releases the maximum level of active compounds





### The effect of Kelpak® on Bing cherry pollen, South Africa

## Kelpak<sup>®</sup> on fruit set

- Improves pollen germination
- Improves pollen tube growth
- Improves fertilisation
- Improves fruit set and quality



# Kelpak®

**Optimal fruit set** 



### Kelpak<sup>®</sup> on cherries (ton/ha)



### **Recommended Kelpak®** application on cherries





### **Benefits of Kelpak® on cherries**

- Reduces transplant shock
- Reduces abiotic stress
- Improves pollen germination
- Better pollen tube elongation
- Increases fruit set
- Better fruit retention
- Increases fruit quality and yield
- Excellent return on investment

No. Coloring







# Kelpak<sup>®</sup> is approved for use in organic crop production

Kelpak is now approved under the European Union's new Fertilizing Product Regulation (FPR) No. 2019/1009, Product Function Category 6 Plant biostimulant (non-microbial)

