

KELPAK BENEFITS

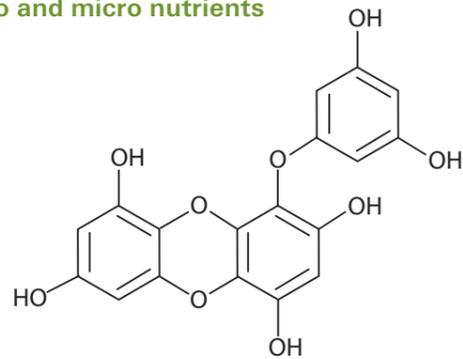
- Improved tree health
- Increased tolerance to heat and drought
- Increased tolerance to water salinity
- Improved fruit set/fruit per tree
- Increased fruit weight
- Better fruit sizing/packout
- Increased profit for the grower
- Suitable for organic production

KELPAK APPLICATION

- Seed coating
- Planter application
- Root dip
- Soil drench
- Drip irrigation
- Foliar spray conventional, electrostatic or aerial

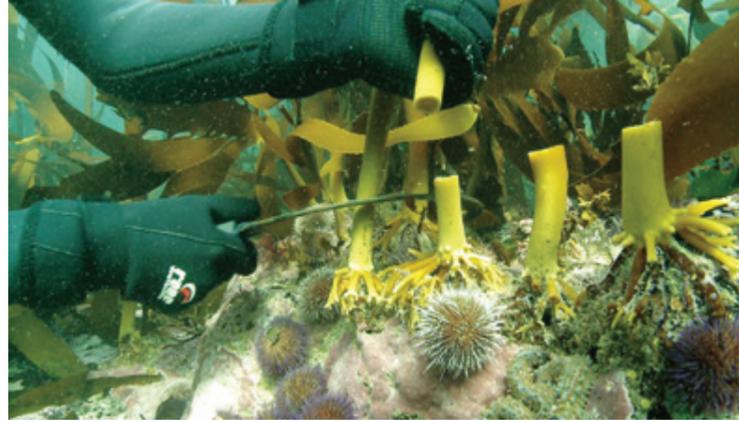
Kelpak is a composite of natural actives including:

- Phlorotannins (polyphenols)
- Polyamines
- Alginates
- Macro and micro nutrients

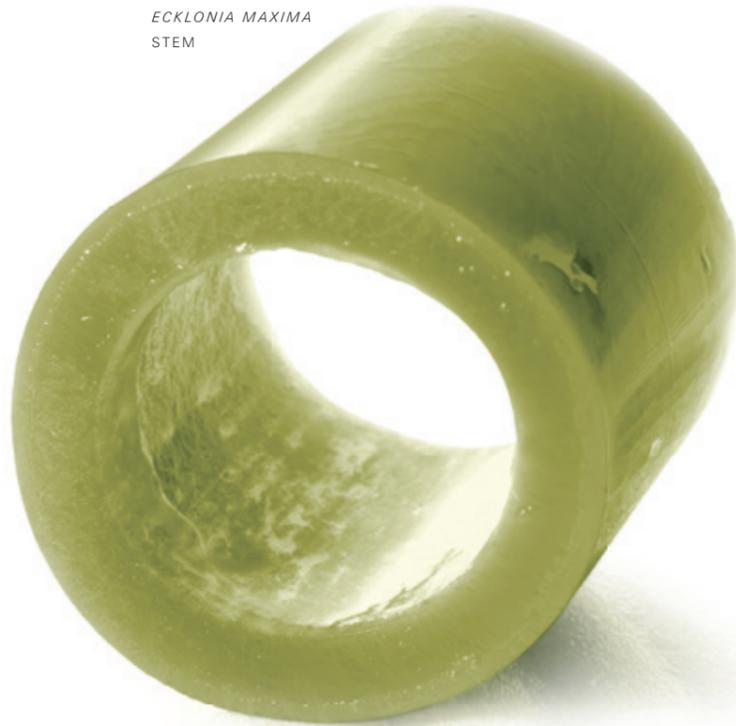


Ecklonia maxima is a seaweed containing nutrients, alginates and a profusion of active compounds that enable it to grow rapidly in its extreme ocean environment.

When carefully extracted to preserve these active ingredients, the various compounds work in concert to provide the numerous beneficial physiological responses that result when Kelpak is applied on avocados.



ACTUAL DIAMETER OF A MATURE *ECKLONIA MAXIMA* STEM



Visit our website for more information



THE SOURCE

The fast growing brown kelp species *Ecklonia maxima*, growing up to eight metres from base to tip of the frond, is harvested by divers off the rugged coastline of southern Africa. This giant kelp species contains the unique active ingredients essential to Kelpak's excellent performance on crops.



The Cold Cellular Burst extraction method preserves the delicate compounds in the kelp's cell sap

THE PROCESS

The harvested seaweed is sorted, cut and washed. The cleaned material is then inspected and progressively reduced. The compressible nature of the *Ecklonia* particles allows them to be subjected to extremely high pressures. The Cellburst Process induces a degree of potential energy into each particle. When passed at high velocity through to a low pressure zone, it effects the instant release of this energy, where the resulting expansion exceeds the elastic limit of the cell wall of the kelp, causing it to rupture and release its valuable contents. This unique Kelpak process is known as Cold Cellular Burst Technology, a proprietary method developed and refined over the last four and a half decades.

A UNIQUE PRODUCT

Kelp Products International's mission is to provide cost effective benefits for our customers. Kelpak plant biostimulant has been helping growers improve their crop output for over four decades with global scientific trials proving that Kelpak's unique activity delivers consistent and significant benefits.



NATURAL
plant
biostimulant



PLANT GROWTH
IN HARMONY
WITH NATURE

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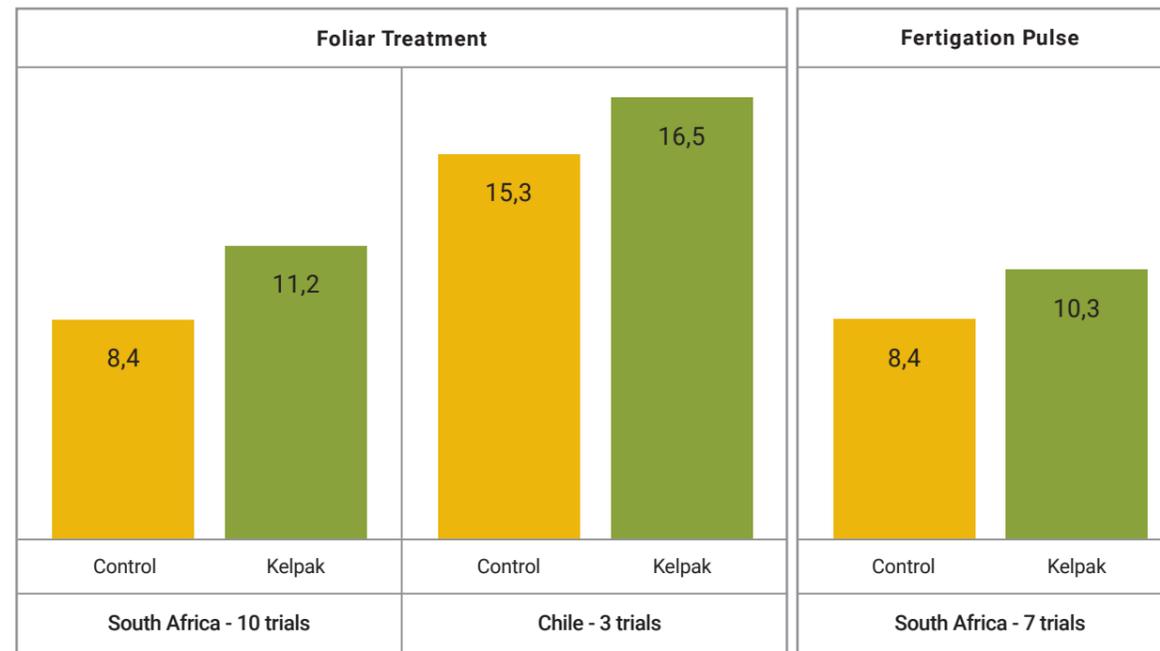


+9%

Packout increase on Hass
Less fruit per 4Kg box



% Yield increase above standard grower practice - Ton/ha



Kelpak is scientifically proven to increase resistance to abiotic stresses and marketable yield in avocado.



Scan to watch our video

View the protocols used and excellent results achieved during independent field trials conducted on Hass and Maluma avocados in the Levubu region in South Africa.

Recommended Kelpak application timing and rates



Foliar: At 50% flower

Spray a minimum of 3 L/ha at 50% flower

Rate 3 L/ha (0.4%)



Foliar: At fruit set

Spray at fruit set, 14-21 days after 50% flower

Rate 3 L/ha (0.4%)



Optional: Fertigation, root flush

Apply as a pulse via fertigation with first root flush

Rate 15 L/ha

CONTACT

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KELPAK