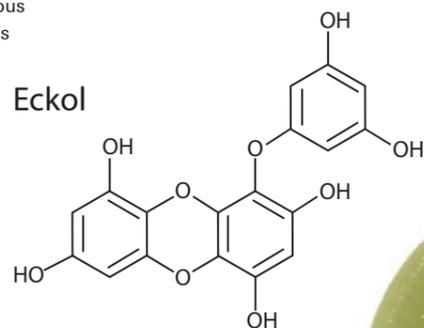


**Kelpak is a composite of natural actives including:**

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

These compounds act individually or in concert, contributing to numerous favourable physiological responses



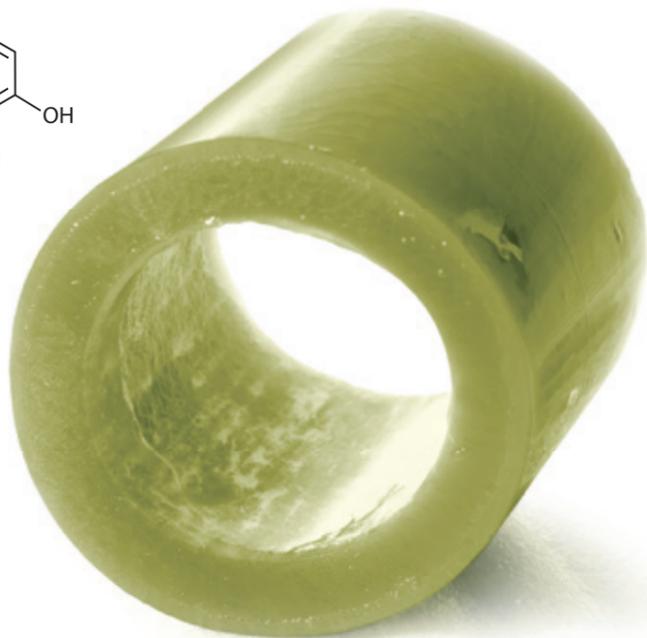
THE SOURCE

The fast growing brown kelp species *Ecklonia maxima*, growing up to eight metres from base to the 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.



**KELPAK BENEFITS**

- Prolific lateral rooting
- Increases growth of seedlings
- Increases growth of nursery plant-outs
- Improves nutrient uptake
- Increases photosynthesis
- Alleviates the effect of stresses
- Increases fruit set and retention



ECKLONIA MAXIMA STEM

Kelpak on Cabernet Sauvignon in Italy



control

Kelpak was applied twice:  
2L/ha at pre-flowering  
and then at start of flowering  
(10 days after first spray)

Visit our website for more information



Kelpak 24201 is suitable for use in Organic Agriculture conforming to the annexes of the (EC) regulation n° 834/2007 and 889/2008 and of NOP Regulation



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. Due to the compressible nature of the *Ecklonia* particles, they can 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 decades.

A UNIQUE PRODUCT

Kelp Products International's mission is to provide cost effective benefits for our clients. Kelpak Liquid Seaweed Extract has been helping farmers improve their crop output for four decades. Global scientific trials prove that Kelpak's unique activity delivers consistent and significant benefits to the farmer.



kelpak.com



LIQUID SEAWEED CONCENTRATE



Kelpak

40 SINCE 1978

**Kelpak is scientifically proven to increase bunch weight, quality, and yield in wine grapes.**



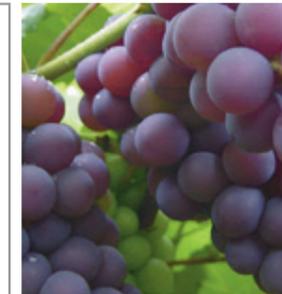
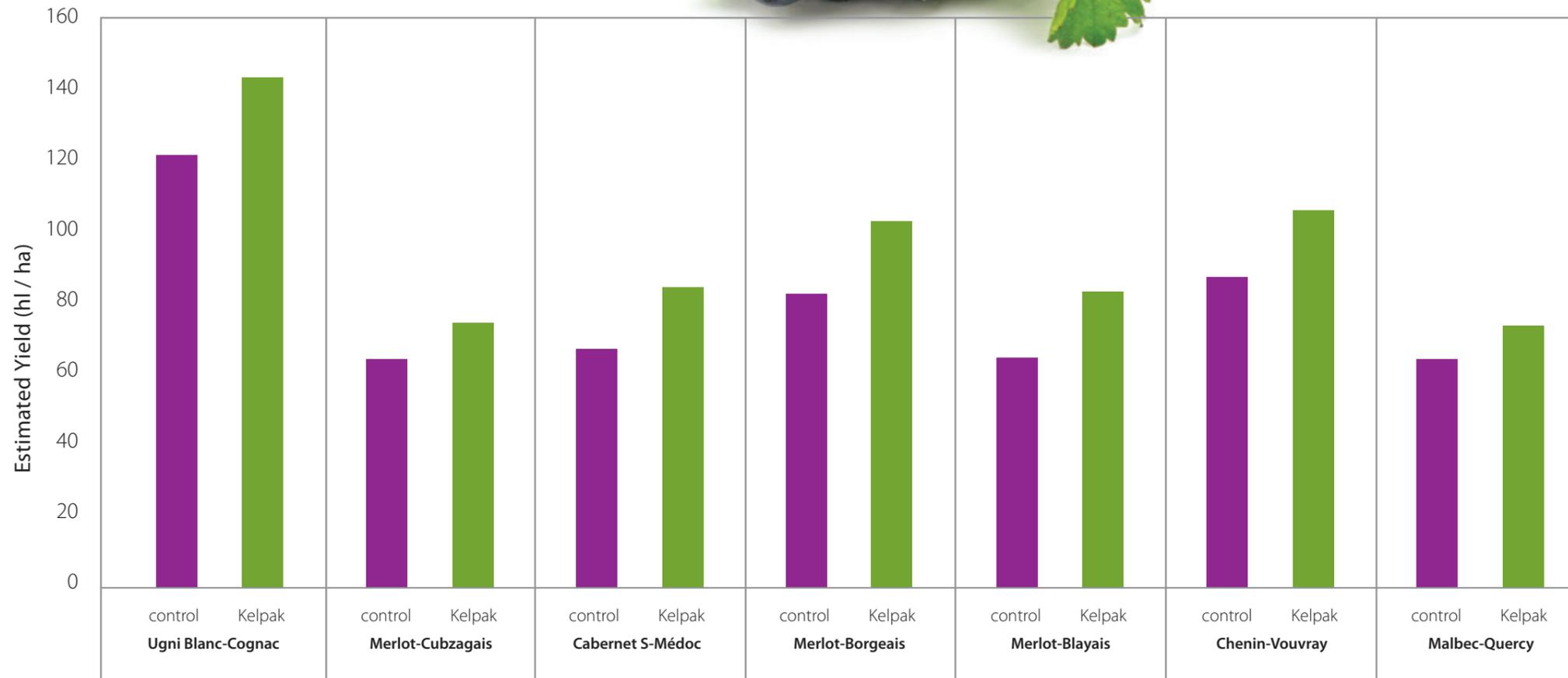
- Suitable for organic farming
- Improved establishment of newly planted vines
- Improves root and shoot growth
- Improves recovery after frost damage
- Increase bunch rachis length and reduces bunch compactness
- Improves berry set and reduces *coulure* and *millerandage*
- Improves bunch weight
- Increases yield



Watch how Kelpak improves pollen tube growth



Average increase in yield with Kelpak application in France **16.8%**



Varieties and Test sites

**OPTIMAL APPLICATION ON VINES**

- Do not dilute more than 1:300 with foliar application
- Do not dilute more than 1:500 with drip application, apply as a pulse during last 10 minutes of irrigation cycle
- Maintain pH below 7
- Compatible with most agrochemicals

**RECOMMENDED FOLIAR APPLICATION**



**Kelpak**