

# Bio Kelp

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# Understand the Benefits of Seaweed



## Bio Kelp

SG0003

Liquid seaweed contains small amounts of potassium but the benefits are mainly due to the plant growth regulators (PGR) it contains.

**The PGRs include Auxins, Betaines and Cytokinins.**

Considerably more has been spent in recent years on research into seaweed and natural fertilizers worldwide than on conventional mineral fertilizers with significant spin-offs relevant to Horticulture.

All of those listed below are explainable by the known effects of one or more of the plant growth regulators present.

**The list of scientifically documented observed effects includes:**

- increase in nutrient uptake & yield
- increase in shelf life of fruit and cut flowers
- increase in frost tolerance
- increase in high temperature tolerance
- decrease in water stress, due both to drought and salinity
- increase in chlorophyll production
- increase in resistance to fungal & sucking insect attack
- increase in rachis stretch (grapes)
- increase in fruit set
- increase in effectiveness of synthetic fungicides
- more rapid germination

### Guaranteed Analysis

Nitrogen (N):	0.1 %
Phosphorus (P):	1.1 %
Potassium (K):	4.2 %
Kelp:	22.0 %
Specific Gravity:	1.10 kg/L
pH:	10.0 to 11.0

### Application Rates

#### Foliar

2 to 10 L/ha

Horticulture use 200 to 2,000 L/ha water  
Broadacre use at least 100 L/ha water Spray  
in early morning or late afternoon. Do not  
apply if temperature is above 22°C or in full  
sun. May stain concrete, brickwork, painted  
surfaces foliage and flowers. Spraying  
equipment should be thoroughly cleaned  
after use to avoid product crystallizing in the  
spray system.



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