Technical Sheet

Horticentre Group | Horticentre TasmanCrop

Basfoliar®Kelp SL

A unique liquid biostimulant based on 100% naturally extracted seaweed.

Basfoliar®Kelp SL

Macronutrients

Nitrogen (N)	0.2 %
Phosphorus (P)	0.4 %
Potassium (K)	1.0 %

Micronutrients (g/kg)

Calcium (Ca)	50
Iron (Fe)	0.61
Manganese (Mn)	0.01
Zinc (Zn)	0.56
Copper (Cu)	0.17
Boron (B)	0.25
Molybdenum (Mo)	0.11

Alginic acid	1 .0 %
Amino acids	0.25 %

Vitamins

10L Pails

Basfoliar® Kelp SL is a liquid biostimulant based on 100% sustainably sourced seaweed *Eklonia maxima*. It stimulates root growth. Basfoliar® Kelp SL is suitable for both foliar and fertigation applications.

A unique production process

Unlike most other seaweed products, Basfoliar®Kelp SL is obtained by cold micronization process which preserves the integrity of photoactive substances. It is then standardized to ensure every batch is consistent.

An efficient root stimulant which benefits the whole plant

Basfoliar® Kelp SL induce the growth of pre-existing roots and the formation of new adventitious roots. Optimal rooting leads to better early crop establishment, improved overall plant health, crop quality & yield. Basfoliar®Kelp SL also assist in flower initiation, development and growth of fruits and induce sugar and mineral accumulation at the site of application.

Crop	Rate (L/ha)	Foliar application stages			
Apples / pear	3 - 4	Pre bloom / pink bud	Flowering*	Early fruit formation*	Every 21 days until harvest
Avocado	3 - 4	Early spring growth	Pre-bloom*	Young fruitlets*	Summer
Citrus	3 - 4	Early bloom	Petal fall	With summer sprays	With autumn sprays
Kiwifruit	2.5 - 3	Pre bloom	100% petal fall*	Early fruit formation*	14 day intervals
Grapes	2	At 20-30 cm cane	At 45-60 cm cane	Full bloom*	Berry set early shattering
Stone fruit	3 - 4	Pink or white bud	Petal fall*	10 days later	
Strawberries	2 - 3	Prior to transplant	At first pre bloom*	At first fruit set	Every 3-4 weeks to mid harvest

Crop	Rate (L/ha)	Foliar application stages			
Onion	1.5 - 2	Soak seedling@ 1L/100L	14 days after transplanting	2 weeks later	14 – 21 day intervals
Potato	2 - 3	Soak seedling@ 1L/100L	After emergence	2 weeks later	Every 2 – 4 weeks
Protected Crops	1 - 2	Soak seedling@ 1L/100L	14 days after transplanting*	2 weeks later	2 weekly during plant growth & fruit formation
Turf	2	Start foliar applications at initial growth stage and continue at 3-4 week intervals. Make additional applications after periods of stress or heavy use to newly applied sod, and as late season spray to help improve resistance to winter kill and frost damage.			

* Add Basfoliar® Kelp SL 200mL / 100L with Calcium foliar sprays or foliar fertilisers (eg. Basfoliar) or micronutrient (eg. Fetrilon Combi).

Foliar application rates per 100 litres

Crop	Rate (ml/ha)	Foliar application stages
Ornamental plants, vegetables, fruit crops (young crops and early season)	200-250 max. 1000	High volume sprays Low volume sprays (= maximum 1 %)

Soil applications

- Drench seedling trays, pots or beds at 1L per 100L water.
  Apply in a thorough drench to fully wet containers and beds.
- Apply to soil at 1 to 5L per hectare.
  Broadcast or strip application along the planted rows using a high-volume T-jet or flood jet nozzle.
  Use 1 -2L / ha for multiple applications at 14 to 21 day intervals.
  Use 4-5L / ha for single applications.
- Fertigation: apply 1 -2L / ha per week.

Compatibility

Basfoliar® Kelp SL is compatible with many foliar fertilisers and crop protection products. Do not tank mix Basfoliar® Kelp SL with products that have marginal safety on a crop e.g. copper products on some crops, spraying oils on some crops.