

AKP Southern Ocean Seaweeds Liquid Kelp



Nature seaweeds have been used to improve soil condition for over 1000 years. It is a core component in biological agriculture which is an indispensable biostimulant that can provide a number of beneficial properties.

The Southern Ocean Seaweeds (SOS) Liquid Kelp is produced from Nature Australian Durvillaea Potatorum (Bull Kelp) which contains a rich source of nature trace elements, mineral, alginic acid (alginate), amino acid and array of complex organic compounds. The product is manufactured in local South Australia facility and certified as an Organic Product (NASAA). It has been widely engaged in Australian organic production systems for agriculture.

With the correct instructions, the trial result is quite satisfying. It shows that the soil structure has been well improved and aerated, which is good for plants' respiration and nutrition-absorption. More importantly, the abilities of anti-diseases and water retention of plants have been greatly enhanced; as a consequence, the yield has been tremendously increased.

Benefits:

- ◆ Frost Protection
- ◆ Bio-Protection
- ◆ Root Stimulation
- ◆ Improved Flowering and Fruit Set

Application Rates:

- ◆ Seed Treatment: 500ml per hectare
- ◆ Soil: 5 - 10 litres per hectare
- ◆ Foliar: 3 - 7 litres per hectare depending on plant size

AKP Southern Ocean Seaweeds Liquid Kelp COA

General Specification

Total solid content	≈8-9%	
Nitrogen	≈1000	mg/kg
Phosphorus	≈80	mg/kg
Potassium	≈10000	mg/kg
Calcium	1500	mg/kg
Magnesium	140	mg/kg
Iron	26	mg/kg
Copper	0.17	mg/kg
Zinc	3.7	mg/kg
Boron	10	mg/kg
Molybdenum	0.08	mg/kg
Cobalt	0.17	mg/kg
Selenium	<0.01	mg/kg
Sodium	1000	mg/kg
Chloride	900	mg/kg
Cytokinins	25	mcg/L
Iodine	120	mg/kg
Manganese	0.79	mg/kg
Protein	0.43	g/100g

Amino Acids

Alanine	0.142	mg/g
Arginine	0.015	mg/g
Aspartic Acid	0.210	mg/g
Glutamic Acid	0.295	mg/g
Glycine	0.084	mg/g
Histidine	0.024	mg/g
Isoleucine	0.063	mg/g
Leucine	0.118	mg/g
Lysine	0.043	mg/g
Methionine	0.039	mg/g
Phenylalanine	0.077	mg/g
Proline	0.065	mg/g
Serine	0.056	mg/g
Threonine	0.031	mg/g
Total Amino Acids	1.412	mg/g
Tyrosine	0.055	mg/g
Valine	0.097	mg/g

Character of Product

Color	Dark Brown
Status	Liquid
Size	Through 150 micron screen

Pack

1000L IBC; 200L Drum



DISCLAIMER

- Shake well before use
- As product is made from natural fresh seaweed, components contain percentage can be slightly different seasonally.
- Store undercover, cool dark place with container proper sealed
- Best use within 8 months
- Best use up in 2 weeks after shuttle been opened