

# Sea-Stim™

## Liquid Plant Food



**Bio Gro Sea-Stim** is a highly-refined liquid plant food concentrate that provides a synergistic range of minerals, trace elements, amino acids, and natural growth stimulants derived from concentrated seagrass (*Posidonia australis*) extracts. It is designed to provide additional benefits to complement an existing plant fertiliser program and can be applied either to the soil or foliage.

### Benefits

- ✓ Plant hormone in Sea-Stim improves the overall health of the plant
- ✓ Sea-Stim increases a plants natural resistance to disease and adverse conditions such as heat, drought and frost
- ✓ Sea-Stim works at a hormonal level to boost growth and colour in flowers and fruits
- ✓ Sea-Stim promotes a strong healthy root system
- ✓ Sea-Stim is fortified with humic and fulvic acids which aids soil conditioning and water retention
- ✓ Sea-Stim can be applied to almost any indoor or outdoor plant, as a foliar spray, by root irrigation or directly to the soil

## Recommended Use

Vineyards	Increased resistance to frost and disease
Field Crops	Supply of plant hormones and amino acids under stressed conditions
Turf	Strong and healthy looking turf with less disease
Potted Plants	Increased resistance to transplant and transport shock

## Application Rates

Application	Application Rate per 10 litres of water
Indoor and outdoor potted plants	25-50 ml; apply fortnightly. Soak the soil around the plant to feed the roots or use as a foliar application
Vines and fruit trees	50 ml; foliar spray fortnightly from blossom until two weeks before harvest
Field crops	10 L/Ha diluted with minimum 100 litres of water; twice a year during the crop life
Turf	20 L/Ha; diluted with minimum 100 litres of water twice prior to Spring and Autumn
Stressed plants	50-100 ml; apply every 4-6 weeks. Soak the soil around the plants to feed the roots

\*Jar test for physical compatibility before mixing with other chemicals prior to widespread application.

## Typical Analysis

Nitrogen (N) as urea	4.9%
Potassium (K) as phosphate/citrate	2.7%
Phosphorus (P) as water soluble	1.2%
Organic humates as potassium humate	28gm/lt
Fulvic acid not less than	10gm/lt
Iron (Fe) as EDTA	0.5gm/lt
Sulphur (S) as sulphate	0.6gm/lt
Zinc (Zn) as sulphate	0.3gm/lt
Manganese (Mn) as sulphate	0.3gm/lt
Boron (B) as borate	0.09gm/lt
Calcium (Ca) as carbonate/citrate phosphate	0.85gm/lt
Molybdenum (Mo) as molybdate	0.002gm/lt
Total solids	17% +
pH	10.9

## Handling & Storage

- When combining with other chemicals, add this product to the tank last
- Shake concentrate thoroughly before adding to tank
- Do not pre-mix or store in diluted form, use the diluted product within 24 hours of mixing
- Store in a cool, dry area out of direct sunlight

## Packaging

Available in 1 litre, 5 litre, 20 litre, 200 litre and 1000 litre containers