

AFRIKELP® LG-1

Liquid Seaweed Concentrate (Ecklonia maxima)



WHAT IS AFRIKELP® LG-1:

AfriKelp® is extracted from freshly harvested South African giant brown seaweed, *Ecklonia Maxima*, to produce the most consistently effective kelp/seaweed product in today's market. The naturally occurring organic compounds are present in a special ratio that elicits a plant response to grow a greater root system. A larger, more efficient, root system improves the plants capability to take up water and nutrients enhancing plant production.

LETS HEAR FROM THE EXPERTS:

"The addition of low concentrations of commercial kelp extract (*Ecklonia maxima*) in addition to fertiliser has proven to be beneficial in agriculture. It triggers rooting in field crops, increases yields...."

Anderson, R.J.; Brodie, J.A.; Onsøyen, E.; Critchley, A.T. (Eds.) *Journal of Applied Phycology* volume 18, nos. 3-5 (2006) 2007, XXV, p.697

"Growth of plants, yield of grain as well as quality of product was greatly influenced by application of liquid seaweed fertilizers. The liquid seaweed fertilizer had influence on other growth parameter such as height, fresh weight, dry weight of plants and fruits, which is in conformity with earlier reports."

Zodape, S. T., et al. "Effect of liquid seaweed fertilizer on yield and quality of okra (*Abelmoschus esculentus* L.)." *Journal of Scientific & Industrial Research* 67.12 (2008): 1115-1117.

"The application of seaweed extract significantly increased grass growth, leaf tissue N, P, K and Fe, grass colour and stress tolerance levels."

Butler, T. and Hunter, A.. *Impact of Seaweed Extract on Turfgrass Growth and Nutrition on a Golf Green to USGA Specification..* 2007 Acta Hort. (ISHS) 762:81-90 http://www.actahort.org/books/762/762_7.htm.

Quaternary ammonium compounds (from kelp extracts) known as betaines are important in chlorophyll-retention, controlling plant cell osmosis, frost resistance and protecting the plant against environmental stress. Enhanced chlorophyll development and stability combined with delayed fruit senescence, resulted in increased sugar and carbohydrate

BENEFITS:

- Builds extended root systems
- Produces higher yielding and quality crops

TYPICAL ANALYSIS:

Effective Extracts	11 mg / L
Product pH	4.7
Specific Gravity	1.08



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APPLICATION GUIDE:

Apply through boom spray, aerial, fertigation or overhead irrigation. DO NOT apply when conditions are extremely hot. Best applied in temperatures in the ranges of 5 - 25°C.



CROP	APPLICATION	RATE L / Ha	WATER & COMMENTS
Tomato	Dip	(1:100)	Dip seedlings directly before planting
	Foliar	2 L/ha	Foliar spray 14 days after plantation. Repeat 2-3 times every 14 days. <i>Apply first foliar spray at 3-4 leaf stage for directly sown plants.</i>
Potato	Dip	(1:300)	Dip seed tubers directly before planting.
	Foliar	2 L/ha	Foliar spray at 3-4 leaf stage. Repeat after 2-3 weeks. <i>Do not apply after tuber initiation.</i>
Soybean	Foliar	2 L/ha	Foliar spray at 3-4 leaf stage. Repeat after 14 days.
Canola	Foliar	2 L/ha	Foliar spray at 3-4 leaf stage.
Corn	Foliar	2 L/ha	Foliar spray at 3-4 leaf stage.
Cereal	Foliar	2 L/ha	Foliar spray at 3-4 leaf stage.

MIXING INSTRUCTIONS:

1. Half fill tank to required volume with water.
2. Add required amount of AfriKelp® LG-1
3. Add appropriate amount of wetting agent as per manufacturer's instructions.
4. Fill the remainder of tank with water and maintain agitation.

COMPATIBILITY:

Product may be compatible with herbicides and insecticides, please check with the manufacturer. Please be aware that physical compatibility does not guarantee product efficacy.

SIZE AND PACKAGE WEIGHTS:

VOLUME	NET WEIGHT	GROSS WEIGHT
1000 L	1080 kg	1160 kg
200 L	216 kg	236 kg
20L	22 kg	24 kg

YOUR LOCAL DISTRIBUTOR IS:

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