



INNOVATIVE and AUSTRALIAN

AUTO  FERT

Kelp

This highly concentrated liquid KELP contains 35% w/v Sargassum species kelp. The high levels of Auxins, Cytokinins, Gibberellic Acid and Alginic Acid is plant responsive.

Extraction Process

AUTOFERT **Kelp** is derived from pulping and digesting Sargassum KELP, producing a product with unmatched levels of Auxins and Cytokinins.

AUTOFERT **Kelp** is for the promotion of plant growth at establishment, routine maintenance and when plants are under stress.

Auxins

A major component of AUTOFERT **Kelp** are Auxins. These PGR's are well known to stimulate root growth. The Auxins in AUTOFERT **Kelp** include IAA, and IPA.

Alginic Acid

This naturally occurring organic acid greatly improves water retention. Alginic acid also assist in nutrient uptake.

PACK SIZE

Available in 20, 200 and 1000 litres

Concentrated Analysis and formulation

Organic Matter	15-17%
Phosphorous	2% w/v
Potassium	8% w/v
Zeatin as Cytokinin	6 mg/L
Trans Zeatin Riboside as Cytokinin	13 mg/L
Total Cytokinin	19 mg/L
Indole Acetic Acid as Auxin	2.9 mg/L
Indoleproponic Acid as Auxin	157 mg/L
Total Auxin	159.90 mg/L
Gibberellic Acid (GA)	51 mg/L
Alginic Acid (AA)	40 g/L
Total Solids	350g/L

Cytokinins

Cytokinin have a range of known physiological effects on plants such as stimulation of cell division, shoot initiation, bud formation, leaf expansion and chlorophyll synthesis.

Organic Matter

The very high level of kelp in AUTOFERT **Kelp** this product will raise the organic levels in the soil and increase the CEC, this further enhances moisture retention as well as improving nutrient holding ability.



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APPLICATION

For use in a regular nutrient program for all crops requiring growth, root and shoot development. Use a minimum of 100 litres of water per hectare with ground spray equipment, 30 litres for aerial applications. The application rate of AUTOFERT **Kelp** will vary between fields. Multiple applications maybe needed through the season. The Application rate may need to be varied with change of the plant size, canopy or crop load.

MIXING INSTRUCTIONS

1. Put 1/3 of water in tank
2. Add correct amount of AUTOFERT **Kelp**
3. Continue to fill tank with water and agitate.
4. Add other chemicals or nutrients, check compatibility with standard jar test.
5. Agitate adequately to mix.

SUGGESTED APPLICATION RATES (Litres per Hectare)

Crop	Foliar	Fertigation	Crop	Foliar	Fertigation
Almonds	2-4	6-8	Lucerne	3-4	8-12
Apples	3-4	9-15	Macadamias	3-4	7-10
Avocados	2-4	7-10	Melons	3-4	7-10
Bananas	2-4	7-10	Olives	2-4	9-15
Beans	2-4	8-10	Onions	1-2	7-10
Blueberries	2-3	7-10	Peanuts	1-2	7-10
Brassica	2-4	7-10	Pears	3-4	9-15
Capsicum	2-3	9-12	Potatoes	3-4	9-12
Carrots	2-3	9-12	Pumpkins	1-2	9-12
Celery	2-3	7-10	Soybean	3-4	9-12
Cereals	3-4	9-15	Stone Fruit	2-3	7-10
Citrus	3-4	9-15	Strawberries	2-3	7-10
Cotton	3-4	9-15	Tomatoes	2-4	7-10
Cucumbers	2-3	8-12	Tropical Fruit	3-4	5-12
Grape Vines	2-4	9-15	Vegetables	2-3	7-10
Lettuce	2-3	8-10	Zucchini	2-3	7-10

AUTOFERT RANGE and ANALYSIS (w/v)

AUTOFERT Fulmic	12% Humic Acid, 3% Fulvic Acid & 4% Potassium.
AUTOFERT K	30% Potassium Citrate.
AUTOFERT Kelp	Concentrated Kelp Extracts.
AUTOFERT NPK	N 14% - P 3% - K 5% plus trace elements.
AUTOFERT PK	N 5% - P 8% - K 20%.
AUTOFERT Silica	20% Silica & 8% Potassium.
AUTOFERT Starter	N 9% - P 11% - K 5% + 1% Zinc plus concentrated Kelp.

For information on **AUTOFERT Kelp** contact -



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