



INNOVATIVE and AUSTRALIAN

AUTO  FERT

Fulmic

Fulvic and humic acids naturally form part of the humus component of soil, the stable end product of organic matter decomposition.

ANALYSIS (w/v)

**12 % Humic Acid
3% Fulvic Acid
4% Potassium (K)**

AUTOFERT Fulmic

Fulvic and humic acids naturally form part of the humus component of soil, the stable end product of organic matter decomposition.

Fulvic and humic acids have many similar and different properties that promote soil fertility and plant growth, maximum promotion of soil fertility and plant growth occurs when both products are used together.

These acids also stimulate respiration and carbohydrate metabolism inside the plant and have been shown to stimulate the uptake of nitrate by plant roots.

PACK SIZE

Available in 20, 200 and 1000 litres

HUMIC ACID

Humic acids cannot enter plant roots due to their large molecular size. The high molecular weight of humic acids enables them to persist in the soil for longer than fulvic acids and gives them greater residual activity.

Organic acids break down humic acids into fulvic acids and hence humic acid can serve as a long term store of fulvic acids.

FULVIC ACID

Fulvic acids have a large amount of functional groups that retain both cationic nutrients (Mg, Ca, K, Cu, Zn, and Fe) and anionic nutrients (nitrate) for use by plants. As a general rule, fulvic acids have a higher cation exchange capacity (CEC) than humic acids. Fulvic acids have a smaller molecular size than humic acids. Due to its low molecular size, fulvic acids can be directly taken up by plants.

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FERT
Fulmic



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APPLICATION

For use in a regular nutrition program for all soils requiring increased organic matter. Use a sufficient amount of water to penetrate AUTOFERT *Fulmic* to the plant feeder root zone. AUTOFERT *Fulmic* may be applied as a foliar, but is not recommended. Optimum rate of application 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 fertigation tank.
2. Add correct amount of AUTOFERT *Fulmic*.
3. Full tank with balance of 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)

Almonds	5-7	Lucerne	3-5
Apples	4-6	Macadamias	5-7
Asparagus	4-6	Melons	4-6
Avocados	5-7	Olives	5-7
Bananas	4-6	Onions	4-6
Beans	4-6	Peanuts	3-5
Broccoli	4-6	Pears	5-7
Capsicum	5-7	Poppies	3-5
Carrots	5-7	Potatoes	4-6
Celery	5-7	Soya Bean	4-6
Cereals	3-5	Stone Fruit	5-6
Citrus	5-6	Strawberries	4-6
Cotton	3-5	Tomatoes	4-6
Cucumbers	5-7	Tropical Fruit	5-7
Grape Vines	4-6	Vegetables	4-6
Lettuce	5-7	Zucchini	4-6

AUTOFERT RANGE and ANALYSIS (w/v)

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

For information on **AUTOFERT FULMIC** contact -



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