



INNOVATIVE and AUSTRALIAN

AUTO  FERT

Silica

A Liquid supplement for prevention and correction of SILICA and POTASSIUM deficiencies. Silica increases harvest quality and shelf life from strengthened cell walls.

ANALYSIS (w/v)

20 % Silica (SiO₂)
8.3 % Potassium (K) as Potassium Silicate

SILICA FEATURES

AUTOFERT *Silica* polymerizes the silicon and forms a thickened silica cellulose membrane which provides a double cuticle layer.

Silica plays an important roll in protecting the cell wall. It is important to apply Manni-Plex Calcium prior to AUTOFERT *Silica* . The plant cell must be rich with calcium so the silica can bind to the calcium in a gel like form. Silica has little effect to calcium deficient plants.

AUTOFERT *Silica* is a Liquid plant ready form of Silica (Si). Silica has been recognised as the most common trace element found in many soils but unfortunately not plant available.

AUTOFERT *Silica*

AUTOFERT *Silica* has been formulated for high uptake through Foliar and Fertigation. Silica plays an important roll in protecting Cell walls from breaking down (poor shelf life).

POTASSIUM

Potassium is a highly mobile nutrient and must be incorporated in any nutritional program.

Potassium is an essential requirement during all stages of growth. Potassium aids in crop colour, and sugar movement.

PACK SIZE

Available in 20, 200 and 1000 litres

“Another quality product from Barmac Pty Ltd”

AUTO

FERT
Silica



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APPLICATION

For use in a regular nutrition program for all crops requiring increased quality and shelf life. Use a minimum of 100 litres of water per hectare with ground spray equipment, 30 litres for aerial applications. 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 tank.
2. Add correct amount of AUTOFERT *Silica*.
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)

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



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