



# potassium SILICATE

Premium silica & potassium liquid fertiliser



pH 12.7

SG 1.38

| Product            | N | P | K  | S | Ca | Mg | Fe | Si   | C | Zn  | Mn  | Cu  | Mo  | B   | Co  | HUMIC ACID | FULVIC ACID |
|--------------------|---|---|----|---|----|----|----|------|---|-----|-----|-----|-----|-----|-----|------------|-------------|
|                    | % | % | %  | % | %  | %  | %  | %    | % | ppm | ppm | ppm | ppm | ppm | ppm | %          | %           |
| potassium SILICATE |   |   | 14 |   |    |    |    | 15.3 |   |     |     |     |     |     |     | 3.4        |             |



## Typical uses and benefits include:

- Toughens plant cell walls.
- Increases plant resilience.
- Aids plant salt tolerance.
- Combats aluminium.
- Improves frost resistance.
- Brix booster.

Ecogrowth Potassium Silicate is a highly plant available form of silicon and potassium.

Slightly viscous with excellent leaf wetting properties, potassium Silicate fertiliser can be utilised to coat the leaf surface, as well as transport itself systemically through soil or foliar application.

Potassium Silicate is renowned for toughening plants, shielding against frost damage, resisting salt, binding aluminium and raising plant sugar levels. For best results, always apply Potassium Silicate with Eco-Humate.

## COMPLEMENTARY PRODUCTS



### ECO-VITAL®

A premium natural liquid kelp and fish fertiliser.



### ECO-FULVATE

Natural chelating agent and bio-stimulant.



### ECO-HUMATE

Concentrated liquid humus soil conditioner.

fertiliser for life

AVAILABLE IN 20L, 200L, IBC & BULK

For alternative applications or to arrange a soil/plant test please contact your Ecogrowth® nutritional expert.



# potassium SILICATE

## Premium silica & potassium liquid fertiliser



### APPLICATION RATES

| Crop                                              | Rate                                                          | Notes                                                                                                                                                                                                                    |
|---------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>TREE CROPS</b><br>(Pome, Stone, Nuts, Mangoes) | 5-9L/ha soil<br>3-5L/ha foliar<br>1:200 min. dilution         | Apply a minimum of 3 applications while fruit sizing. Can be beneficial to apply to both foliar and soil simultaneously. Maybe applied foliar up to several weeks prior to harvest (avoid sensitive skin such as pears). |
| <b>VINES WINE &amp; TABLE</b>                     | 3-5L/ha soil<br>2-3L/ha foliar<br>1:200 min. dilution         | Apply a minimum of 3 applications while fruit sizing. Can be beneficial to apply to both foliar and soil simultaneously. Maybe applied on wine grapes up to several weeks prior to harvest.                              |
| <b>VEGETABLES</b>                                 | 10L/ha soil - drench<br>3-5L/ha foliar<br>1:150 min. dilution | Apply when leaf area is sufficient to accept spray. Repeat 3-4 applications as required.                                                                                                                                 |
| <b>TURF</b>                                       | 5-8L/ha<br>50-80ml/100m <sup>2</sup><br>1:80 min. dilution    | Water in for best results.                                                                                                                                                                                               |
| <b>BROADACRE &amp; PASTURE</b>                    | 1-3+L/ha<br>1:40 min. dilution                                | Apply prior to leaf tip yellowing becoming evident. Ideally use prior to 5 leaf stage.                                                                                                                                   |