



*Quality Ingredients  
Australian Made  
Family Owned*

**FERTILIZERS**

# *Corporate Profile*



[www.sltec.com.au](http://www.sltec.com.au)

## Nutrient Solutions

Understanding plant and soil nutrition is important for achieving quality produce. The team at SLTEC is here to help, our aim is to assist managers

by providing technical help and fertilizer solutions for building balanced nutrition. We hope you find this booklet informative and beneficial for your requirements.

### Who are SLTEC Fertilizers?

SLTEC is a leading manufacturer of fluid Fertilizers, based in Tongala, Northern Victoria. The business was established in 2005 by the McMaster family, who for several generations have worked in the horticultural, irrigation and fertilizer industries, both throughout Australia and overseas.

The uptake of fluid fertilizer technology has accelerated over recent years with wide acceptance in Horticulture, Broadacre, Dairy and a variety of other industries.

SLTEC considers itself an innovator in the fluid fertilizer space and has forged a strong alliance with a major US manufacturer. The companies work together in Research & Development and raw material acquisition.

SLTEC itself has a strong research and development focus and carries out activity including formulation advances, fertilizer compatibility and field trials with the assistance of growers, agronomists and independent consultants.

SLTEC's manufacturing plant is a world standard, high-volume operation supplying product to a wide range of eastern seaboard customers, including some of Australia's largest corporate agricultural producers.

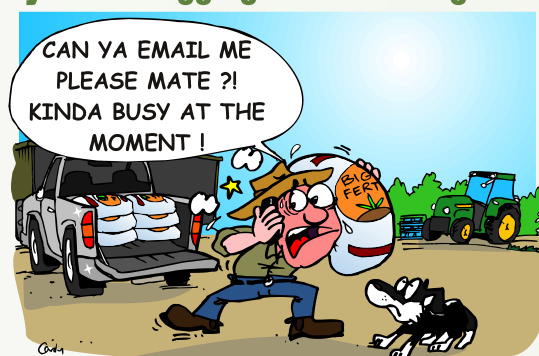
There are currently more than 70 standard formulations on SLTEC's product list, and they also manufacture custom blends to meet the clients nutritional requirements.



### Why use Fluid Fertilizer?

- Efficient and highly plant available
- Can deliver many nutrients with a single application
- Small and frequent applications reduce leaching and runoff
- Foliar and Fertigation options allow flexible application timing unlike relying on broadcast applications
- Consistency of product and uniform application across the soil
- Nutrients infiltrate to the root zone where maximum uptake is achieved
- Foliar application particularly of trace elements avoids tie up in the soil
- Can be mixed with farm chemicals
- Labour savings and improved workplace safety

Got the latest mobile phone yet still lugging fertilizer bags?





# Example Product Options

## Baseline Plus

**Baseline Plus** has a complete and balanced NPK analysis suitable for fertigation and foliar application across a wide range of crops. The analysis is perfect for plant establishment and maintained growth where a N : K ratio near 1 : 1 or a mid-season nutrient boost is required.

**Baseline Plus** has become the basis of many fertigation programs. In crops such as strawberries, vegetables and anywhere a complete fluid fertilizer option is required. Bonview Orchards in Officer Victoria, Montague Orchards in Legana, Tasmania and a number of Orchards in the Goulburn Valley and have benefited from **Baseline Plus** in young tree establishment.

## BiologiCAL PLUS

Supplying an available form of calcium to plants in broadacre situations has always been a challenge.

**BiologiCAL® PLUS** has been specifically formulated to provide a highly available and activated calcium source that is complimented with potassium and **QuadSHOT®** biological stimulant.

Plants require calcium in relatively large amounts for many functions including cell division & strength, root system and leaf development. Calcium is also an essential element required for healthy soils, influencing both the physical, chemical and biological aspects.

## QuadSHOT

**QuadSHOT®** contains a carefully selected range of organic additives and biological stimulants. These ingredients stimulate soil biological activity, thereby improving the cycling and availability of plant nutrients and soil fertility and health. Together with management practices that enhance organic matter and soil structure development, this product assists in mobilizing available nutrients and improving plant uptake efficiencies.

**Humic acid** – increases nutrient holding capacity of the soil

**Fulvic acid** – enhances nutrient uptake efficiencies & mobility

**Kelp** – enhances plant and root growth development

**Fish Emulsion** – stimulates nitrogen cycling

**Molasses** -promotes beneficial soil biology

*Each of these stimulants are also available as individual products*

## SS 11:16:0

Apply **SpringSTART® 11:16:0** at planting and give your crop a strong healthy start with the perfect blend of Ammonium Nitrogen and Phosphorus to promote growth, high yield and quality.

**For further details on our complete product range see [www.sltec.com.au](http://www.sltec.com.au)**

## Product Technical Information

| Product Code | Name   | N% (w/v) | P% (w/v) | K% (w/v) | S% (w/v) | Ca% (w/v) | Specific Gravity (kg/L) | pH Range     | Typical Application Rates                                  |                                       |
|--------------|--|----------|----------|----------|----------|-----------|-------------------------|--------------|--|---------------------------------------|
|              |  |          |          |          |          |           |                         |              | Fertigation  | Foliar<br>Use 200 to 2,000 L/ha Water |
| GG0009       | <b>Baseline Plus</b><br>N as NO <sub>3</sub> 0.02%, N as Urea 11.7%,<br>P as PO <sub>4</sub> 4.9%, Mg 0.2%, Mn 0.01%,<br>Zn 0.01%, Cu 0.005%, B 0.02%, Fe 0.01%, Fulvic Acid 0.01%, Fish Emulsion 0.4%,<br>Humic Acid 0.3%, Kelp 0.4%, Molasses 0.4% | 11.7     | 4.9      | 13.6     | 2.0      | 0.01      | 1.29 - 1.32             | 7.5 to 8.5   | 10 to 80 L/ha  | 2 to 15 L/ha                          |
| SG0017       | <b>BiologiCAL® PLUS</b><br>N as NO <sub>3</sub> 0.3%, P as PO <sub>4</sub> 0.1%,<br>Fulvic Acid 0.01%, Fish Emulsion 0.3%, Humic Acid 0.2%, Kelp 0.3%,<br>Molasses 41.9%   | 0.3      | 0.1      | 2.0      | 1.8      | 6.3       | 1.27 - 1.30             | 8.0 to 10.0  | 20 to 60 L/ha through sprinkler, traveller or drip systems | 1 to 20 L/ha                          |
| SG0039       | <b>QuadSHOT®</b><br>C 5.2%, Fe 0.006%, Fulvic Acid 0.3%,<br><b>Fish Emulsion 8.0%, Humic Acid 6.6%,<br/>Kelp 8.0%, Molasses 8.0%</b>   | 0.3      | 0.1      | 3.4      | 0.2      | 0.2       | 1.15 - 1.16             | 10.0 to 11.0 |  | 1 to 5 L/ha                           |
| SS9001       | <b>SS 11:16:0</b><br>N as NH <sub>4</sub> 11.3%, P as PO <sub>4</sub> 15.6%  | 11.3     | 16.0     | -        | -        | -         | 1.29 - 1.30             | 6.0 to 7.0   | 20 to 100 L/ha   | 1 to 5 L/ha                           |



## FERTILIZERS

For more information about this Corporate Profile or any of our products or services:

**Call the SLTEC Team**

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SLTEC distributes its products via a professional and extensive dealer distributor network.

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### Resources

The following additional resources are available via our website ([www.sltec.com.au](http://www.sltec.com.au)) or by calling +61 358 591 323

- Sustain & Gro® Product Advisory
- Protected Cropping Product Advisory
- Fertigation Tank & Accessories Product Advisory
- Balanced Agronomy Fact Sheet
- Product Fact Sheets

### Nutritional Guides for the following crop types:

- Almond
- Broadacre
- Cherry
- Cotton
- Dairy & Pasture
- Lucerne
- Maize
- Pome & Stone Fruit
- Poppy
- Potato
- Strawberry & Rubus
- Table Grape
- Wine Grape

### SLTEC Fertilizers Deliver:

- **Cost Effective Nutrient Solutions for Planting**
- **Foliar Top Dress Options including Chelated Trace Elements and Organic Stimulants**
- **An Experienced Agronomy Team**
- **A wide range of nutrient blends (traditional and sustainable), to suit your specific crop needs**
- **State of the Art Fluid Fertilizer Manufacturing Technology**
- **Bulk Fertilizer Storage Tanks – 5,000 L to 32,000 L**

