



**FERTI-TECH**  
Australia Pty Ltd

# Horticulture



**Soil Fertility Program**

**Seed Treatments**

**Solid Fertilisers & Coatings**

**Tissue & Sap Testing**

**Fertigation & Foliar Options**

Ferti-Tech



**Phloem  
Effective  
Foliar**

TM

## Productive, Sustainable and Cost Effective **FERTI-TECH CARBON SYSTEMS AGRONOMY**

We pride ourselves on being the best for service, quality and price.  
So if you're looking for a better quality farming program with high  
performance product, at a better price and a better spec.

**Check with Ferti-Tech!**





# Welcome to Ferti-Tech

Ferti-Tech delivers **CARBON SYSTEMS AGRONOMY (CSA)**, the farm-regenerative science that builds fertility, minimises soil harm and maximises input efficiencies.

We manufacture and supply quality fertilisers, foliars and animal health products to ensure the most cost-effective farming outcomes. We have the experience, the expertise and proven track record to increase your farm profitability with a far better soil health and fertility outcome as well. CSA does both naturally.

**Better Soil, Crops and Profit - You Can Measure and See!**

## Step 1. Better Soil & Fertility Management

### CSA Soil Tests

Manage Soil Fertility and Measure Progress

Isn't your soil your most important asset? Wouldn't you like to know how to 'Grow Your Soils', improve nutrient availability and water use efficiency? CSA provides a detailed insight into any yield limiting factors and the cost-effective ways of addressing them in-season. Find out what you need to do to maximise soil fertility and productivity. Much more detail than the industry standards, CSA Soil Tests have the answers we need to provide you with a Solid Pathway to not only Increased Productivity, but Quality.

### Soil Amendments

### Physical & Chemical Support

Use Lime, Gypsum, Dolomite, Composts, Manures, Reactive Carbon and other inputs wisely. We can give you an excellent understanding of what is needed to improve soil fertility, how much and why. CSA also has options for IN-FURROW soil chemistry and root-rhizosphere chemistry amendments to maximise yield potential at the lowest cost.

### CSA Approved Suppliers

### Vetted & Proven Superior

Ferti-Tech travel Australia dealing with raw materials and soil amendment suppliers. We don't supply everything you need but we do know where the best quality is found.

**SUPALIME™ (WA) The King of Calciums™** is a blend of highly water soluble (3730ppm) Calcium Hydrox, Calcium Sulphate and Calcium Carbonate for immediately effective Calcium availability. Supalime releases a fast acting and higher water-soluble Calcium into soil 280X quicker than Lime. Smart, Strong and always Supa-Effective.

**HUMAXA COMPOST (VIC.)** Specialised HUMUS Compost Blends directed by Ferti-Tech. A top-quality, experienced facility that NEVER compromises or rushes any processes.

## Step2. Seed Treatments, CSA Fertiliser & Microbes

### Ferti-Seed Enhancer

Complete & Effective Nutritional Seed Coating

Vigorous Seed Strike and Crop Growth for 4-6 weeks after emergence. The most cost-effective insurance for germination; better root mass and a guaranteed Jump Start, especially for Directly Seeded Cops. Best value and smartest fertiliser to provide a High-Energy Power Package to seeds. Stimulates carbohydrate secretions from the root system and aids in soil fertility humus formation.

### 2PakTrichoderma

Microbial Root Protection Treatment

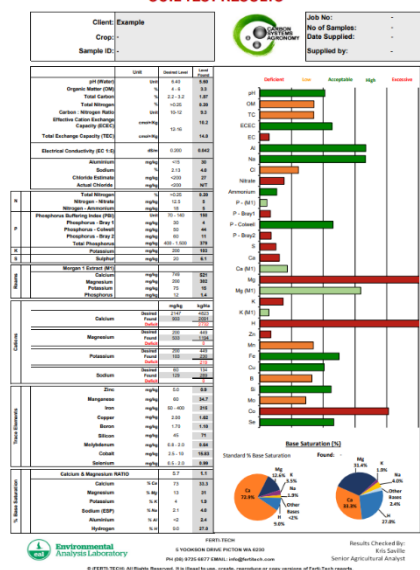
Effective Guard against Fusarium diseases and Rhizoctonia expansion. Also contains high levels of Bacillus Subtilis beneficial defensive bacteria to suppress other soil borne root disease pathogens. 2PaK Trichoderma quickly establishes a healthy nutrient root zone. Often fertigated out or used with Ferti-Seed Enhancer and the CSA Liquid Inject Program for a very strong control of the soil microbiome in the root 'Grow-Zone'.

### VAM (Vesicular arbuscular Mycorrhiza)

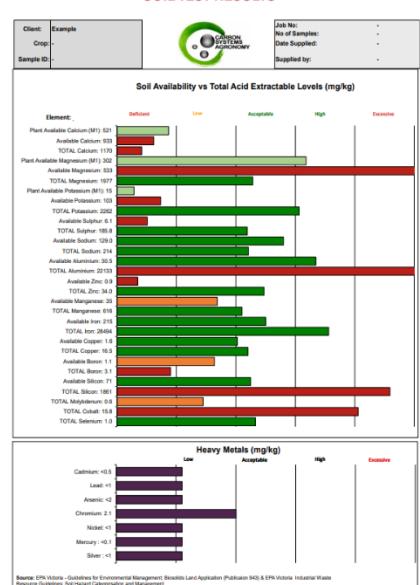
VAM is a beneficial soil fungi that attaches micro-filaments (hyphae) to the roots of most plants. Ferti-Tech VAM is a proven selection of VAM Species that improves plant water use efficiency, nutrient absorption from the soil solution (particularly Phosphorus), plant establishment, growth and soil aggregation. Productivity benefits include better resistance to dry periods and Salt effected areas, critical when using Recycled Water.



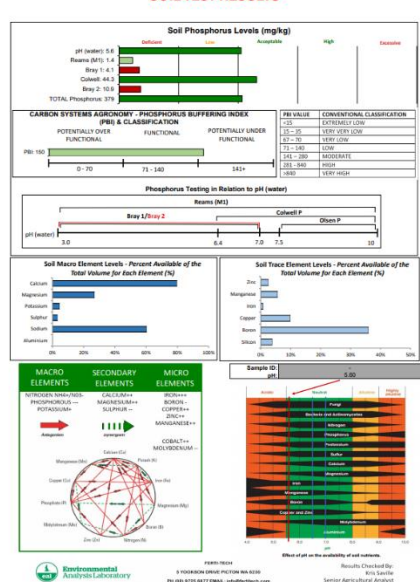
### SOIL TEST RESULTS



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### SOIL TEST RESULTS



## Ferti-RCG

## Water Soluble Reactive Carbon Granule

Water-Soluble Reactive Carbon can be a very cost-effective tool to stimulate beneficial (aerobic-dominated) soil biology and is particularly useful when mixed with synthetic NPKS. Fertiliser. Used also for Increased Nutrient Exchange and Buffering in Sodic Conditions, i.e., especially Recycled Water Excessive in Chlorides. Ferti-RCG is also recommended for sandy and sandy loam soils, extreme soil pH (Acid/Alkaline) and extreme soil Exchangeable Hydrogen as well as a Low Microbial Activity or a non-wetting soil profile. Prevents Nutrient Leaching, Stimulates Root System Exudates and acts as a highly mobile catalyst for Increased Soil Oxygen, Water and Soil Aggregate Flocculation.

## CC-Stak<sup>tm</sup>

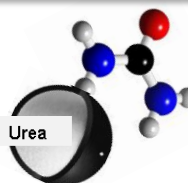
Minimise and make the most of your Synthetic Granular Inputs. Carbon Coat STAK Buffers for ion exchange and Nitrogen transfer in the root mass 'Grow-Zone' to prevent Root Clubbing and any useless forms of root mass and microbial growth that can occur. Holds N in Ammonia Form Longer and prevents NO<sub>2</sub> but is a catalyst for O<sub>2</sub> and CO<sub>2</sub>.

## Ferti-Complete

Designed to provide longer-lasting Nitrogen with a balanced Phosphorus, Potassium and Trace Support, Ferti-Complete has provided a new opportunity for growers to Maximise Horticultural Yield through Buffered and Smart-Carbon Support. Ferti-Complete ensures a strong stable Nitrogen base that does Buffer tap roots and laterals that suffer clubbing or turn at right angles' away from a concentrated high analysis salt, often also found in recycled water. The BioActive in Ferti-Complete assists in making the grow zone microbe friendly, chemically rich and pH Balanced. Ferti-Complete can drive strong tap roots and open up more laterals for better nutrient uptake and overall healthier development. Support Micro-Nutrients, Trace Elements and Biological Inoculums come pre-mixed for a quicker response as growth and development occur. Ferti-Complete is a key fertiliser application option in the Ferti-Tech Horticulture Program.



Larger Root Mass with increased lateral growth, more root hairs and a higher exudate activity is expected with Ferti-Tech CSA Programs.



Soil  
Reactive  
Fertiliser  
Buffer  
Carbon-  
Coat

The Specific Microbiology used in **Ferti-Complete** can provide long-lasting Soil Fertility and Nutrition Benefits.

**Bacillus Polymyxa** for Nutrient Release and Nitrogen Fixation.

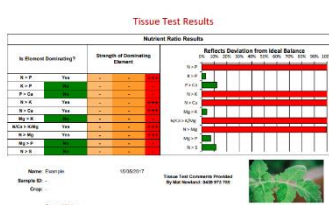
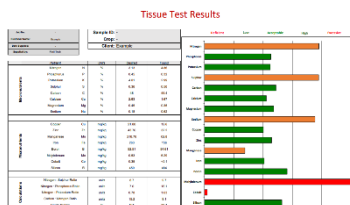
**Bacillus Subtilis** for Organic Nitrogen Release, Phosphate and Potassium Decomposing and Soil-Borne Pathogen Protection.

**Azotobacter Chroococcum** for Nitrogen Fixation and Growth

**Trichoderma Harzianum** to Enhance Organic Degradation, Nutrient Uptake and Resistance to Pathogenic Root Diseases.

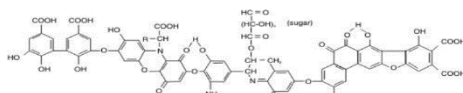
**Saccharomyces Cerevisiae** Yeast to promote the Growth and Expansion of beneficial soil biology.

**Ferti-Complete**  
NPKS  
11-10-8-8



## Ferti-HUMAXA

Bio-Active Soil Amendment & Fertility Blends



**2Pak**  
**Trichoderma with**  
**Bacillus Subtilis**

## Step 3. Sap & Tissue Tests

CSA 'Show me the Numbers'

## In Field Tissue & Sap Testing - Complete Recommendations

The best crops are built on an informed understanding of soil Physical, Chemical and Biological principles. We can help you find the best raw materials and supply options for Soil Balancing, Unlocking Nutrient, Humus Formation and Beneficial Microbial Stimulation. Our recommendations Maximise the Most Cost-Effective options and can include:

- ✓ Lime, Gypsum, Dolomite
- ✓ Prescription Soil Manufacturing, Composting and Inoculum Alternatives
- ✓ Urea, MAP/DAP, SOA, SOP, Calcium Nitrate, Various Sulphates, Trace Elements, etc

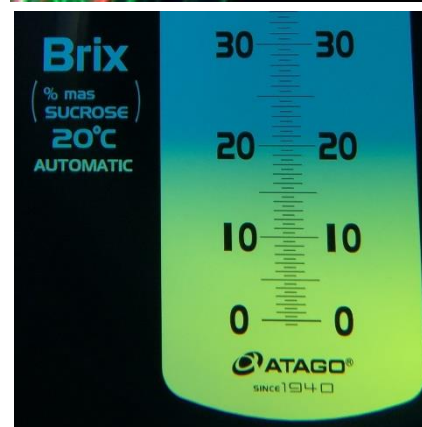
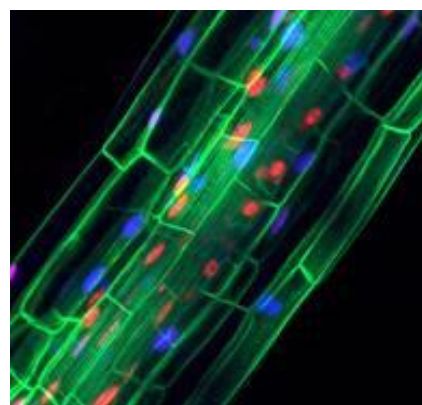
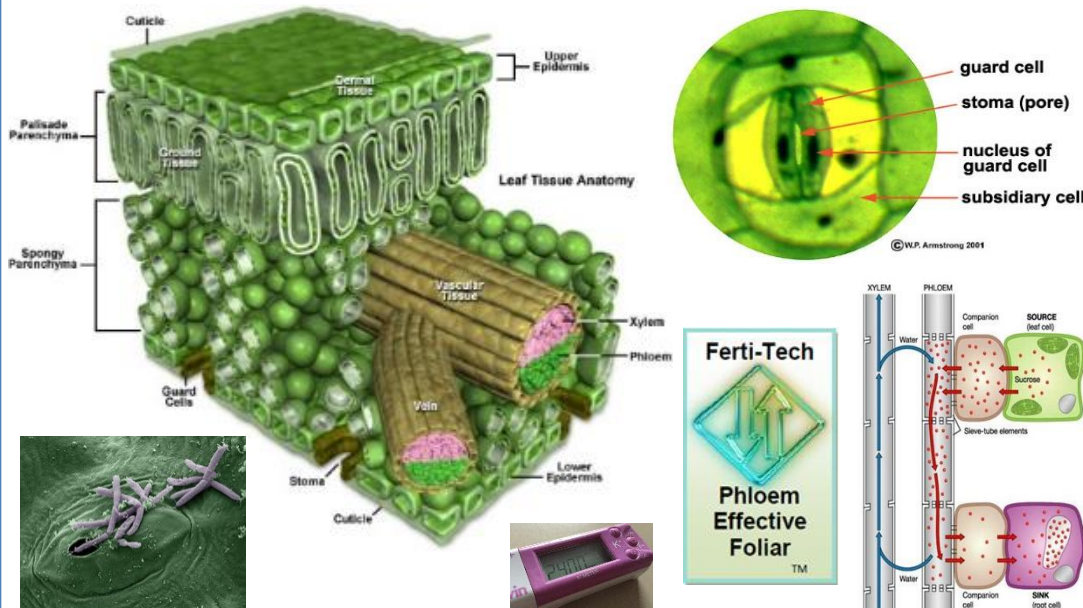
**FTA focus on creating Nutritionally Dense and Brix-Rich (sugar) Produce for a better Quality, Taste, Weight, Longer Lasting Shelf Life and Lower Input Costs. Pests and Diseases are avoided and easily Resisted when there is proper soil preparation and a focus on overall Plant Health.**





## Step 4. CSA Fertigation & Foliar Applications

**CSA Horticulture Programs always have a Strategic Focus on Phloem Effectiveness. Programs and Products are designed to not only enter the Xylem, (through the Roots) but also the Phloem (through the Leaf) for Efficient Conductive Nutrient Balance.**



### Ferti-ALLTrace

Ferti-ALLTrace is specially formulated to ensure your Trace Element Applications are not wasted through counter-productive over-dosing of one element, or lacking effect through under-dosing all the required elements. Ferti-ALLTrace addresses many forms of chlorophyll deficiency, yellowing, poor seed set, poor immune and Pathogenic Defence responses, low Enzyme, Calcium and Nitrogen Synthesis.

### NK-Nutrition

Designed for maximum nutritional diversity of desired elements in foliar applications across Pasture and Horticulture all year round. NK Nutrition is the most widely used All Purpose Growth Foliar designed by Ferti-Tech, it delivers a wide array of Vitamins, Minerals, Nutrients, Energy and natural growth hormones directly into the vascular system of plants for complete nutritional effectiveness.

### MagnaCal

MagnaCal is specially formulated to ensure the most useful forms of Calcium and Magnesium are Quickly Absorbed and that Nitrogen is Buffered and carried into the foliage with the maximum productive effect. Designed for all Bulbs, Tubers and Root Vegetables. MagnaCal is a Multi-Action foliar offering Essential Trace Nutrition with the significant use of Amino Acids for a more effective Ca and N Synthesis at the cellular level.

