

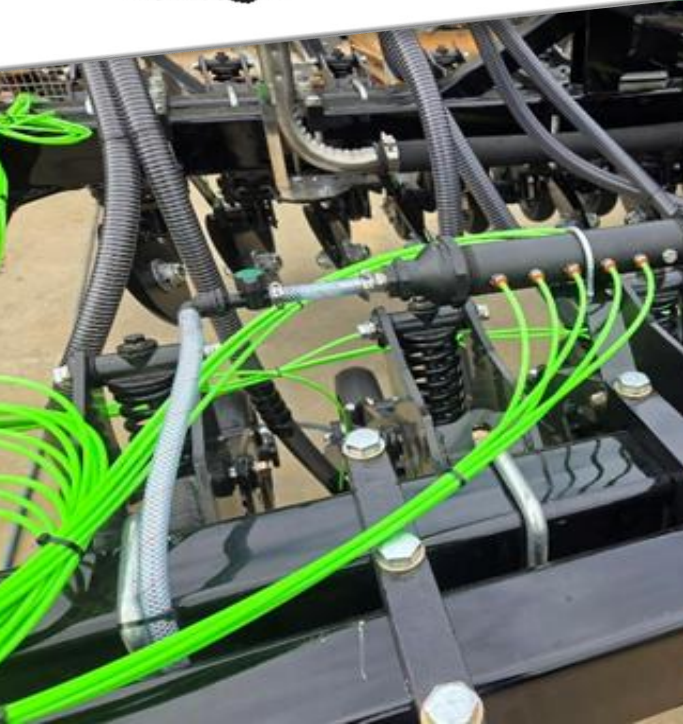


**CARBON  
SYSTEMS  
AGRONOMY**



**FERTI-TECH**  
Australia Pty Ltd

# Wetting Agent



✓ Improve Soil Moisture Availability

✓ Enhance Nutrient Uptake

✓ Strengthen Early Root Development

✓ Reduce Early-Season Stress

✓ Increase Return on Applied Fertility



Productive, Sustainable and Cost Effective

**FERTI-TECH CARBON SYSTEMS AGRONOMY**

We pride ourselves on being the best for service, quality & 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, liquid inject products, coatings, soil drenches, foliar, animal health products and more 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!**

## FTA's NEW Co- Surfactant Moisture Retention Agent Wet'IT.

2 modes of action – Dual Technology –

- Hydrophobic molecules bond to the soil particles
- Hydrophilic molecules attract water into the furrow

**Maximise Every Drop. Maximise Every Unit of Fertility. Enhanced Systemic Activity of AgroCarbon.**

Modern farming demands more efficiency from every input. That's why **Ferti-Tech's Liquid Inject** now offers the option to integrate **FTA's NEW Co- Surfactant Moisture Retention Agent (Wet'IT)** directly into your in-furrow liquid fertiliser program — delivering improved moisture management, nutrient efficiency, and early crop performance.

### Liquid Reactive Carbon with Co-Surfactants in Agriculture

In agriculture, liquid reactive carbon (LRC) products are liquid soil amendments that supply bio-logically active (labile) carbon to stimulate soil microbes. When combined with co-surfactants, they improve spreading, penetration, and interaction with soil and plant surfaces.

#### What Is Liquid Reactive Carbon?

Liquid reactive carbon typically contains:

- Low-molecular-weight organic acids
- Humic/fulvic fractions
- Carbohydrate-based carbon sources
- Sometimes microbial metabolites

**Unlike stable soil organic matter, LRC is readily available to microbes, helping to:**

- Boost microbial activity
- Improve nutrient cycling
- Enhance root growth
- Support soil aggregation

### Why Add FTA's Co- Surfactant Moisture Retention Agent Wet'IT?

When applied in-furrow with Ferti-Tech Liquid Inject, Wet'IT works directly in the seed zone to:

#### ✓ Improve Soil Moisture Availability

The Moisture Retention Agent helps hold water in the root zone, reducing rapid drying and improving moisture consistency during critical germination and early growth stages.

#### ✓ Enhance Nutrient Uptake

More consistent moisture means better nutrient solubility and mobility — allowing crops to access applied nutrients more efficiently.

#### ✓ Strengthen Early Root Development

Improved moisture conditions promote faster root expansion and stronger early vigor.

#### ✓ Reduce Early-Season Stress

Helps buffer against dry conditions and uneven rainfall by maintaining a more stable micro-environment around the seed.

#### ✓ Increase Return on Applied Fertility

By improving nutrient availability and early plant establishment, growers get more performance from every fertiliser dollar invested.

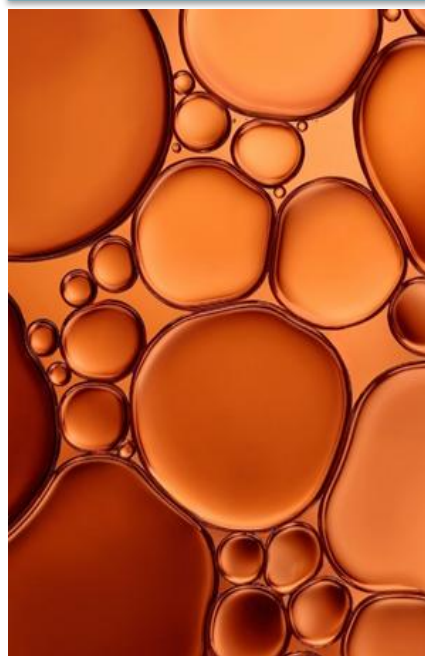


### Why Add Co-Surfactants?

Co-surfactants are included to improve physical performance of the liquid formulation.

They help to:

- Reduce surface tension
- Improve soil wetting and infiltration
- Enhance foliar coverage (if sprayed on leaves)
- Increase compatibility with fertilisers or pesticides



## Ferti-Tech Liquid Inject With Co-Surfactant Wet'IT

**Ferti-Tech Liquid Inject** can be enhanced with an Advanced Proprietary Co- Surfactant Technology Package, **Wet'IT** to deliver measurable performance in the field. Liquid Inject products can be value added with **Wet'IT** at the Ferti-Tech Facility or be supplied separately.

### Performance Advantages:

#### ✓ Faster Soil Penetration

Reduces surface tension, allowing liquid nutrients to move more quickly and evenly into the soil profile.

#### ✓ Improved Nutrient Distribution

Ensures uniform spreading through the root zone, minimising nutrient concentration pockets.

#### ✓ Enhanced Root Uptake Efficiency

Improved soil contact increases nutrient availability where crops absorb them most.

#### ✓ Reduced Runoff & Loss

Better infiltration helps limit surface runoff and nutrient waste.

#### ✓ Excellent Compatibility

Stable across a wide pH range and compatible with most liquid fertilisers and crop inputs.

#### ✓ Environmentally Responsible Performance

The Green Chemistry in **Wet'IT** supports all farming practices without compromising effectiveness. Alternative to Petrochemical-Based Surfactants.

## The Power of In-Furrow Integration

Applying FTA's **Co- Surfactant** Moisture Retention Agent directly in furrow with **Ferti-Tech Liquid Inject** provides:

- Immediate seed-zone placement
- Maximum root contact
- Uniform distribution with liquid fertiliser
- Simplified application — no extra pass required

This targeted approach ensures both **nutrients and moisture management work together from day one.**

### Why It Matters

Early-season conditions set the tone for the entire growing season. By combining targeted nutrient delivery with Synergistic moisture management in a single in-furrow application, growers create a stronger, more resilient start for their crops.

**The Result:** More efficient nutrient delivery.  
Stronger root development.  
Better crop response.



**One System. Two Performance Layers.**  
**Ferti-Tech Liquid Inject**



### The Results:

- Stronger starts.  
Better nutrient utilisation.
- Greater resilience under variable moisture conditions.
- Higher yield potential.  
Higher return on fertiliser investment.





## Ferti-Wet'IT™

Ferti-Wet'IT is formulated for assisting with germination and plant establishment, particularly in a Broadacre situation with hydrophobic non-wetting soil types and dry seeding circumstances.

Advances Growing Mediums in Retention and Distribution of moisture, plus enhances the Re-Wetting properties of Soils, Turf & Growing Substrates.

### Directions:

Add 80% Water/UAN to tank first then add Wet'IT.

Product must be watered in and rinsed off the foliage as soon as possible with a light to medium irrigation, ensuring no product remains on leaf surfaces. Application during or prior to a rain event is also

**Typical Analysis % w/v**

75% LignoSulphonates  
With Ferti-BioNik

Includes Sea Minerals,  
Trace Elements and  
Reactive Carbon

### Application Rates:

#### In Field Application:

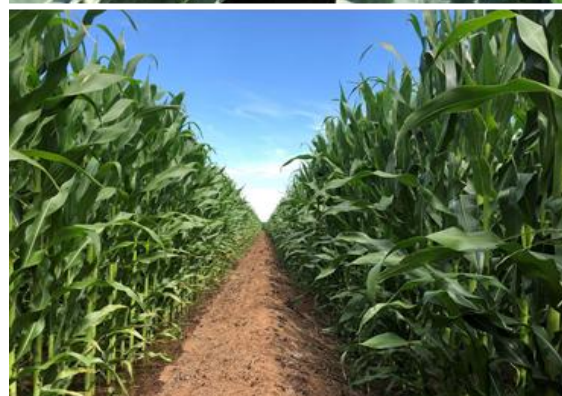
- Apply 3-8 Litres Per Ha

#### Production Nursery Application:

- Apply 1 Litre per 300M2

#### KNAPSACK Application Rate:

- 300-500mls per 10Ltrs of water, per 100 square meters.



A wetting agent, also known as a surfactant, is a substance that reduces the surface tension of a liquid, allowing it to spread and penetrate surfaces more easily.

- Increases Watering Efficiency
- Increases Water Holding Capacity (WHC)
- Minimises Run-Off and Evaporation
- Maximises Nutrient Uptake
- Ideal with Hydrophobic Soils
- Promotes more Even Moisture Distribution & Deeper Root Growth

