



a 'Round The Traps'

Water Adjuvants & Stockliks
Visit www.fertitech.com

October 2025



FERTI-TECH



How Important is Water quality?

Water quality is vital for getting the best from any foliar product applied particularly in the warmer conditions of summer. Hard salty water which is typically found in dams, channels and bores interacts with the ability of the target plant in being able to uptake foliar applied nutrition and other products. However, this water is what most farmers must use when applying liquid products. The three major impacts on product efficacy with using this water are:

- Water pH
- Water Hardness
- Water Salinity

Water pH is important as the level of acidity effects the ability of the nutrient to pass through the epidermis (outer cells) of the leaf. Ideally the optimum pH for maximum efficiency is between pH 4.5-6.5. Dam water generally has a pH of around 7-9.

Water hardness is a measure of the salts, carbonates and oxides that are in solution or suspension. These salts and particles inhibit the passage of elements to pass through the leaf due to their size and solubility. The most common elements are Calcium, Magnesium and Sodium which are all positively charged. The most common solution to this problem is adding Sulphate of Ammonia (SOA or AMS) to reduce the pH and flocculate the hard water. **SprayMate from Ferti-Tech offers a better solution** (pun intended!).

SprayMate Benefits

- Is a liquid and requires no mixing or messy bags which can save a lot of **TIME** during filling. Over the course of a day this can add up to an hour or more saved.
- Will reduce the pH to the optimum for plant uptake.
- Contains fulvic acid to buffer the foliar products to help them pass through the guard cell of the leaf surface and into the Phloem.
- Contains energy and stickiness for improved leaf contact and absorption.

In summary, SprayMate will reduce the pH, soften the water hardness, buffer, protect the nutrients and prevent antagonism all in one.

To get the best results

Step 1 Check products compatibility prior to adding to your tanks

Step 2 Add water and the SprayMate as the tank fills. We suggest rates between 330mL to 1L/100L of water depending on the water quality.

Step 3 Add other product/s.

Step 4 Spray early in the morning or late evening when humidity is greatest and temperature is lowest. This is the best time when the plants leaves can take up foliar applied products.

Ferti-Tech can do a simple on farm water test for pH and hardness, or we can arrange an EAL lab test.



Ferti-SprayMate™
D.I.Y On-Farm Foliar Aid and Spray Conditioner

Ferti-SprayMate™

ON-FARM MIXES GET A BETTER RESULT!

Five in One – Chelator, Sticker, Wetter, pH Adjuster and Buffer.

Powerful Fulvic Acid based D.I.Y spray additive with NIOS (non-ionic organo-silicon surfactants) and all the other pH control and foliar chemistry features needed for the most effective spraying results. Rainfall after 1 hour, Ferti-SprayMate™ is a low cost but highly effective fertiliser adjuvant with natural chelators. Fast penetrating with a very Leaf Friendly chemical construction to maximise Phloem Penetration, Ferti-SprayMate™ also contains humic and fulvic acids (15% Bio-Fulvic solution w/v) to aid chelation, respiration, photo-sensitivity and nutrient transfer. Use Ferti-SprayMate™ to ensure your 'Farm-Made' foliar is made to do a better job - more targeted, effective and complete.

Application

- **0.33% addition to Spray Cart.** Do not use less by volume. Ensure the most effective sticking and wetting properties are achieved. (eg: 1000L Water = 3.3 litres Ferti-SprayMate™)
- **0.5% - 0.75% addition to Spray Cart with High Calcium, High Alkaline, Heavily Mineralised Bore Water** (eg: 1000L Water = 5.0 - 7.5 litres Ferti-SprayMate™)

Preparation

- Fill Cart with Water, Then Add Ferti-SprayMate™, then agitate, then add Mix. Jar Test of proposed Cart Mix always recommended before Use. Do not Spray under 50 litres Cart Mix (Water / Ferti-SprayMate / Target Foliar Addition) per Hectare

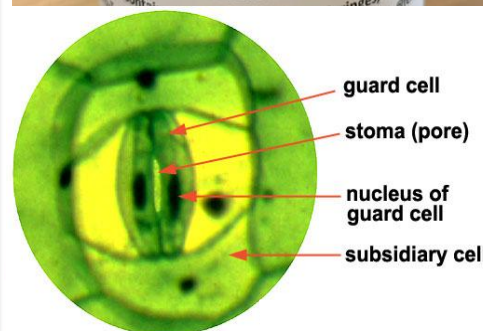
Sulphates – Oxides – Micronised Particulates STILL NEED TO BOND, STICK & PENETRATE
Ferti-SprayMate™ will adjust Cart Water, Foliar pH and prepare Cart Water for Optimal Foliar Use. Fulvic, Amino and other Organic Acids aid Chelation. Non-Ionic Organo-Silicone Surfactants and other modified chemicals are used to ensure sticking and wetting ability.

On-Farm Foliar Mixing

Can always be improved with Ferti-SprayMate™. Formulations can always be given extra penetrating power. Effective – Works – Cheap

Caution Ferti-SprayMate™

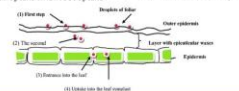
Not Suitable for Use with High (10+ w/v) Phosphorus Mixes or where any SOIL-BASED RESIDUAL Effects are Desired.



Benefits of foliar & where and why they are used

By applying foliar nutrients it can be more efficient than using fertiliser via the Soil

- Bypass soil imbalances
- No nutrient lockup/antagonism
- Effective in Dry or Waterlogged conditions
- Compensate for low Root Activity
- Eliminates many Common Deficiencies
- Better Control over the Crop
- Increases the Resistance of your Plants
- Foliage can still uptake when root uptake is poor
- No Leaching
- Less Volatilisation
- Less Fertiliser Required
- Faster Plant Response
- Targeted Nutrition
- Corrective Nutrition
- Stimulates Root Development



Before you use Ferti-Tech Foliar Products

AGITATION
Due to many products being loaded with nutrients, you may find overtime there is possibly some settlement occurring in the IBC/Drums, especially when some vibration occurs during transport movement. You **MUST AGITATE WELL** before use. There are many options to achieve agitation available in the marketplace, using a drum/IBC agitator, pressurised air with an extension on the end to reach all points in your IBC or by using a pump and circulating from bottom to top.

FILTER SOCKS

Filter socks are available (150micron-400micron) to ensure you are not adding any large micron particles into your spray tank which could cause blockages. Rarely required.

CHEMICAL COMPATIBILITY
By using our compatibility jars, ensure you mix all products together in order as advised by your agronomist/consultant and to test the compatibility with any herbicides/pesticides/insecticides you are wanting to add to the tank as well.

BUFFERS REQUIRED

You may need to include a liquid buffer to your mix, which may entail adding SPRAYMATE, our Adjuvant to adjust pH and provide a buffer. A Nitrogen Buffer can be used as well, **BIONIK**. (Contact Ferti-Tech for more information)

PRE-MIXING PRODUCTS / ORDER OF PRODUCTS

If you are wanting to premix your products and leave in a spray tank, you would need to do the same in sample jar and leave for the same time to ensure there is no fall out. Please NOTE - what you see in a jar in fall out will be more on a larger scale. Please ensure you follow what has been advised. Do not leave products mixed together overnight.

Dangerous Goods (DG) CONCENTRATES

Few of our products are DG, please ensure you read product labels and have received the SDS for the product in use. Due to the nature of these products, please handle with care and do a compatibility Test when mixing with other products. There will be a limitation of what can be transported, ensure you take that into consideration when ordering.





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StockLiks Special

THE SUPER SMART DRY FEED STOCKLIK THAT

- MAINTAINS EXCELLENT STOCK CONDITION
- **URNS FEED CONVERSION AND WEIGHT ON!**
- SUPPORTS THE ANIMALS RUMEN TO IMPROVE OVERALL HEALTH AS WELL AS SPERM COUNT, PREGNANCY RATES, ESTABLISH NEWBORNS RUMEN HEALTH FOR LIFE AHEAD



SPECIAL OFFER *

- \$40 OFF 1X LAYER 20 BLOCKS
- \$80 OFF 2X LAYER 40 BLOCKS
- \$160 OFF PALLET or Free LambSaver 60 BLOCKS

OFFER ENDS ON 15/12/25

Contact the OFFICE on 08 9725 6877 or ring your regional consultant to order

*Plus GST/ In-State Delivery -
Ex Depot WA - Perth/Bunbury SA - Ex Adelaide
VIC - Ex Melbourne TAS - Ex Launceston

Shepherds
LambSaver



22Kgs DRY SOLID BLOCK No Water & No Useless Grit in Our Blocks!

FROM \$49 WRAPPED & BOXED* = \$2.23 PER KILO (WA/TAS)

FROM \$43 WRAPPED & BOXED* = \$1.95 PER KILO (SA/VIC/NSW)

CARBON-BASED MINERAL LICK BLOCK

Smart Nutrition. Sustainable Performance

Our innovative Carbon-Based Mineral Lick Blocks combine advanced nutrition with environmental responsibility. Enriched with essential trace minerals and nutrients, they're designed to improve animal health, fertility, and productivity, while supporting soil and pasture vitality. The inclusion of natural carbon sources enhances digestion and nutrient absorption, helping livestock make the most of every mouthful.

Built tough for outdoor conditions, these weather-resistant blocks provide consistent, long-lasting nutrition all year round. Backed by stable pricing, reliable supply, and eco-friendly production. Our carbon-based mineral lick blocks are **the smart, sustainable choice for progressive farmers.**



PREMIUM MINERAL LICK BLOCKS BUILT FOR PERFORMANCE

- **Strong Nutrition. Stronger Herds**
- **Built to Last. Formulated to Perform**
- **Smart Nutrition, Simplified**

With Stable pricing, reliable supply and sustainable sourcing, our lick blocks offer farmers confidence, convenience and value, season after season. **The Solid Choice for healthier herds and higher productivity.**

