



a'Round The Traps'

March 2022



MAKE THE MOST OF NITROGEN
Visit www.fertitech.com

SO WHY DOES NITROGEN NEED TO GO BIONiK?

Low Nutrient Soils with a poor Cation Exchange Capacity, Low Organic Carbon and Low-end pH do not cope well with Synthetic UAN/Urea Nitrogen. Plants get stressed, beneficial soil biology gets suppressed by a faster-breeding N-consuming bacteria and the yield-kilo conversion of your added nutrition becomes very inefficient. Soil Structure and Fertility is progressively undermined as Synthetic-N also promotes the net-loss of Organic Matter, Soil Carbon and all the usual sources of a naturally built Organic Nitrogen. **Synthetic-N is a potential trap that can lead to an ever-building demand for more Nitrogen to grow the same results.** It also leaches into waterways easily, is pest attracting and often prone to atmospheric volatilisation as Nitrous Oxide; unlike Organic N or a chemically-stable 'Naturalized' N. BIONiK™ changes the structure and composition of UAN/ Synthetic-N to a much more complex and buffered carbon-rich composite that mimics Organic-N and becomes a soil and plant friendly 'Naturalized' Nitrogen. No net-loss of Carbon, Soil Structure or Fertility. Larger molecule Nitrogen and Organic elements are bonded to become far more stable and useful and to remain where you placed them! High-Analysis Synthetic Fertiliser needs to get Clever! The far smarter Nitrogen is very BIONiK.

BIONiK TYPICAL ANALYSIS %w/v

Ferti-FISH Emulsion	35.0
AGROCARBON	20.0
B/STRAP Molasses	10.0
FULVIC ACID	2.0

Naturally Potent Chelators, BioStimulants and Reactive Carbon-based Buffers to 'Naturalize' UAN/Synthetic Nitrogen.
BIONiK CARBONISED OILS & NATURAL FATS STOPS LEACHING & VOLATILITY (LAB-TESTED TO 105C). SUPERIOR LUBRICATION OF EQUIPMENT ALSO PREVENTS CHEMICAL WEAR & DAMAGE. THE HIGH LEVEL OF ORGANIC FATS AND OILS IN BIONiK EXTENDS PUMP/SPRAY EQUIPMENT LIFE AND PREVENTS UAN ABRASIVE DAMAGE.

Agriculture Continues to Embrace Knowledge as KING....

The Season's in different regions is always changing, however, certain principles of **Plant Physiology** does not change and growth phases will occur no matter how good or poor Rainfall is.

Ferti-Tech likes to Analyse Growth Stages so we are able to apply both Granule and Liquid Combinations to enhance Productivity. Leaf Testing gives us a better understanding into how the Crop is progressing and therefore what rate and form of Elements are giving better Productivity and Dollar Efficiencies. Field Meter Testing of Nitrogen can assist in guiding the farmer on the right application rates. Sodium, pH, Potassium, Calcium, EC, Salt and Brix can also be done on the spot.

An Autumn Liquid Wedge application is an option to apply Pre-Winter to boost Slower Soil Cycling and Extend Growth deeper into Winter.



3 Day old Liquid Inject supported Wheat Germination

VITA-LIK MINERALIK

For ALL CATTLE CALVING & SHEEP STOCK LAMBING on Average Ryegrass or Mixed Pastures with Low Trace Element Values. Formulated for Improved Feed Utilisation.

20Kg

INGREDIENTS/TYPICAL ANALYSIS - IODISED SEA SALT, BLACK STRAP MOLASSES, SODIUM HUMATE, SULPHUR, CAL-CARBONATE, CAL-SULPHATE, DI-CAL PHOSPHATE. TRACE ELEMENTS (MG PER KG) - MANGANESE 670, MAGNESIUM 100, COPPER 100, ZINC 45, K-IODINE 10, COBALT 45, VITAMIN A 300, VITAMIN E 1600, VITAMIN D3 0.1 - CONSULT YOUR VET FOR USE

THIS PRODUCT DOES NOT CONTAIN RESTRICTED ANIMAL MATERIAL

ONE BLOCK PER 100 SHEEP OR 20 CATTLE PER 10-15 DAYS. PLACE ON SECURE PAD NEAR STOCK WATER SOURCE.

FERTI-TECH AUSTRALIA PTY LTD P.O. BOX 9129 PICTON WA 6225 PHONE 08 9725 6877 www.fertitech.com

FERTI-TECH CSA STOCKLIKS CHEAPEST HEALTH AND WEIGHT GAIN PILL THERE IS

Our StockLiks are getting famous! Word of mouth; the best advertising there is; has firmly established our range as very cost-effective and perfect for use in all pastures. You know they are rock hard; CSA-balanced in the Macros, Traces and very clever in how they buffer the rumen-function for best feed utilisation effect; BUT did you know our StockLiks also have Iodine and Cobalt in them? Small amounts of Iodine in the rumen (0.3mg/kg DM) are ESSENTIAL for all sheep and cattle especially PREGNANT STOCK. Thyroid Hormone Function controls many aspects of Foetal development and Birth Vigour. Goitrogens in clovers and brassica feed blocks Iodine synthesis. Maybe that answers some health or nagging fertility problems! And Cobalt; look up what makes Vitamin B12