



RumenACT-DAIRY

BAIL APPLIED Rumen Active Nutrient Stock Tonic

RAD - RumenACTtm DAIRY

Designed to support rumen function and to supplement diets where nutrient levels may be low, RumenACTtm contains a vast array of chelated minerals, amino acids, complex carbohydrate energy and reactive soluble carbon. RumenACTtm Liquid is used as a General Tonic and Supplement for stock where soluble reactive carbon can mitigate the effects of a poor Rumen pH or the impact of various moulds and pathogens that can be found in feed from time to time. Use as a General Tonic for improved health and productivity results.



**D.I.Y
Easy!**

Ferti-Tech Australia Supply the Pump and Assembly with Simple D.I.Y. Instructions – OR – we can Supply and Fit to your Dairy by Appointment. (Subject to Site Power)



Health and Productivity Outcomes ARE Expected. Ask for Our Testimonials, Data and Dairy Referrals .



**EASY TO ADJUST CONTROLS
'Set & Forget' Simplicity**

Recommended Dosage Rate

- 4mls per Kilo Grain in Bail for Best Effect
- Minimum 20mls per Day
- Maximum 40mls per Day

FTA's 'In Less that 30 Days' More Milk Money Guarantee! RumenACTtm Delivers Better Health, Productivity and Profit.

RumenACTtm % w/v

Carbon Solution	35.0
Carbohydrates	12.5
Kelp Concentrates	3.0
AppleCider Vinegar	4.0
Vegetable Protein	1.125
Humic Acids*	2.8
Amino Acids**	1.25
Selenium***	0.005
BGroupVitamins	0.086
Nitrogen	1.2
Potassium	0.10
Magnesium	0.002
Manganese	Trace
Copper	Trace
Zinc	Trace
Boron	Trace
Molybdenum	Trace
Cobalt	Trace

*Humic and Fulvic Acids

**Amino Acid Lysine, Threonine and Kelp Sourced Amino Acid

***Selenium as Sodium Selenite

Formulation Includes Kelp Alginate Proteins, B1, B2, B3 Group Vitamins and Sea Minerals

RumenACTtm supports Microbial Nutrition to the Abomasum. Microbes are actually the Major Source of Nutrition for Ruminants!

- **Apple Cider Vinegar** for Natural Strength and Herbivorous Vitality
- **Selenium** for Antioxidant Protection and Cellular Health
- **Humic and Fulvic Acids** for Cellular Efficiency and Toxin Buffering
- **Amino Acids** for Improved Nitrogen Synthesis and Protein Build



RumenACTtm contains high levels of correctly processed water soluble lignite carbon. The humic content (with additional fulvic acid) is a known support to rumen function and the highly reactive carbon acts as a prevention against toxic pasture reactions (such as excess nitrogen). Use RumenACTtm to prevent losses in stock condition, poor feed availability or feed errors causing generally poor stock health.



Ferti-Tech - Carbon Systems Agronomy

PO Box 9129 PICTON, WA 6229 Ph: (08) 9725 6877 Fax (08) 9725 6899 Freecall 1300 885 474

Email : info@fertitech.com Website : www.fertitech.com

Low Dose Soluble Reactive Carbon is Rumen Active

- Aids Overall Rumen Function
- Balances Gut Micro Flora and Optimal Rumen pH
- Aids Feed Conversion and Improves Stock Condition
- Multiple Buffering Features of Highly Reactive Water Soluble Carbon
 - Feed Quality Problems, Added Pasture Nitrogen, Toxins in Poor Pastures
 - Poor Water Quality – Acid/Alkaline pH
 - Undesirable Minerals found in Water (Arsenic, Lead, Mercury)

Highly Cost Effective DAIRY, Pasture and Feed Lot General Health Tonic

- Improves and Holds Productivity for Longer. Milk Protein, Fat and Litres can all be improved.
- Promotes Calmer Animals and Supports a Better Health during Pregnancy and Lactation
- Aids Immune System, Fighting Infection and Reduces Milking/Feedlot Stress
- Provides Supplemental Nutrition when feed values are Low
- Improves Appetite During Hot Weather
- Lowers the Ammonium Smell in Dairy, Reduces Faecal Odour and Improves the Value of Composted Waste (Higher Organic Carbon – Dung Beetles love RumenACT Pats!)

RumenACTtm is Easy to Use, Low Cost – and Automatic

- Customised Auto-Doser that is simple to connect inline with the feed auger – switching on/off
- The Most Cost Effective General Purpose Stock Tonic Available**
- \$3.85 per litre (1000L/200L ex GST ex Bunbury, Perth, Adelaide, Melbourne, or FTA Distributor)



RumenACTtm
 0.385c per ml.
Minimum 20mls
 (1-5 Kgs Grain in Bail per Cow/p.Day)
Maximum 40mls
 (8+ Kgs Grain in Bail per Cow/p.Day)

X20mls = 7.70c Cow/p.Day
X30mls = 11.55c Cow/p.Day
X40mls = 15.40c Cow/p.Day

FTA Supply a Powered 'Set & Forget'
 Inline Doser for all DAIRY Applications

What about Water Systems supplying Stock across Several Troughs?

- Stock Water Consumption is proportional to the animals size so you can apply the Overall Average
- **For Static Systems Dose the Holding Tank with 8.0 litres RumenACTtm Neat per 4000 litres of water**

Stock Daily WATER USAGE Assumptions (low water salinity, pH7)

Sheep	3-8 litres	(Weaners 2-4, Adult Dryland 4-8, Ewes with Lambs 6-8)
Cattle	20-80 litres	(Steers/Heifers 20-40, Milking Cows 60-80, Adult Dryland 40-60)

Can you have Too Much of a Good Thing?

A gutful of Reactive Liquid Carbon is a very effective treatment used in Hospitals for Alcohol Poisoning. RumenACTtm is an inherently safe product so you cannot Harm Stock with High Levels but overdosing (5X or more recommended) runs the risk of lower Feed Utilisation – particularly Nitrogen conversion. There is evidence to suggest that high Carbon content Rumens have naturally occurring Anti-Viral, Anti-Inflammatory and Anti-Bacterial properties – and you don't want over-dosed Anti-Bacterial properties rising in the Rumen given it is supposed to be a bacterial fermentation tank anyhow.

Eff 31 March 2014