

IS MY OATS GOOD ENOUGH?

Forage oats, wheat and barley are traditionally regarded as being high quality feeds with weight gains for cattle of 1kg/hd/day generally expected. Weight gains far lower than this are frequently reported. A number of factors contribute to this, but 3 major ones account for a large proportion of problems.

1. High moisture content, with low fibre content
2. Low protein content as fed
3. Low mineral content as fed.

Leaf with pale to fluoro-green in colour is often the first visual sign of low protein and high moisture. Plant lab analysis will generally show energy, protein, mineral and NDF (Neutral Detergent Fibre) levels to be good on a dry matter basis. When calculated back to as fed levels the energy, protein and mineral levels are quite low.

Potential feed intake by cattle is partially controlled by NDF (Neutral Detergent Fibre). The quality of the forage means that NDF levels in the forage are not limiting intake but the moisture content of the forage will be. The problem is that nutrient intake of the animal is not high enough to allow a weight gain of 1kg/hd/day.

The macro mineral balance in green forages doesn't usually meet the animal's requirements for efficient

digestion. High potassium and low magnesium and calcium ratios cause problems. The higher water content of the rumen also increases the requirements for some trace minerals.

Anipro Liquid Supplement Program can assist in solving these problems through:

- Mineral provision
- Supplying rumen degradable protein to fill the gap inadequate feed intake may create.
- Preconditioning the rumen by increasing nutrient (N and mineral) intake prior to putting cattle on oats.

Anipro aids in prevention of scours and improve feed conversion of cattle on forage crops. Anipro also balances macro minerals and tops up trace mineral shortages. Understanding what is happening in the plant can go a long way to understanding and helping pinpoint discrepancies in production systems and improve animal production.

The goal is to employ the three M's:

Maximum rumen function = **Maximum** feed utilisation = **Maximum** return.

Anipro®... Increasing your bottom line.

BENEFITS of Anipro®:

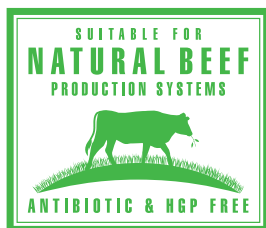
- **Improved weight gain** = faster to target weights
- **Improved feed utilization** = gain more from available feed
- **Increased fertility** = more calves on the ground
- **Superior immunity** = reduced animal health costs

Anipro® Natural

Service & Quality in Livestock Nutrition

Description:

A palatable liquid protein supplement with essential vitamins and trace minerals.



Nutrient Analysis (As-Fed)			
Item	Unit	Starter	Balancer
Crude protein	%	15.00	32.00
Equivalent Crude Protein ⁽¹⁾	%	15.00	32.00
Urea {2}	%	3.00	7.00
Salt	%	3.00	3.00
Potassium	%	1.80	1.40
Calcium	%	0.40	0.40
Phosphorus	%	0.50	0.50
Sulfur	%	0.30	0.30
Magnesium	%	0.20	0.20
Manganese	mg/kg	720.00	720.00
Zinc	mg/kg	635.00	635.00
Copper	mg/kg	230.00	230.00
Vitamin E	mg/kg	150.00	150.00
Iodine	mg/kg	15.00	15.00
Cobalt	mg/kg	9.00	9.00
Selenium	mg/kg	1.00	1.00

Directions for Use:

Supply free choice to cattle grazing pasture and/or crops. Unlimited amounts of forage and clean water must be available at all times during supplementation.

DO NOT FEED TO NON-TARGET SPECIES (INCLUDING HORSES, SHEEP AND GOATS).

- (1) This product contains urea, a source of nitrogen which rumen microbes utilise. The effect is stimulated dry matter intake and microbial protein synthesis to enhance animal production when protein intake is otherwise limiting. Urea can be poisonous to livestock when consumed in excess or administered with no prior adaptation period.
- (2) The urea in this product includes RumaPro®: a patented sustained release nitrogen (N) source for increased safety and efficacy in free-choice applications.

Intakes and Animal Performance:

The Anipro Full-Service system includes trough-based consumption control of free-choice intake via strategic blending of the "Starter" [Sweet] and "Balancer" [Sour] product components. Daily target intakes are based on a rate of 125mL per 100kg liveweight.

Being a supplement (not a complete feed), any changes in the quality and availability of roughage, environmental conditions and general animal husbandry will all affect the net animal performance achieved by using this product.

WITHOLDING PERIOD: Nil (Meat and Milk); Can be fed to animals up to slaughter.

FIRST AID: If poisoning occurs, contact a doctor or the Poisons Information Centre (13 11 26).

SAFETY DIRECTIONS: Harmful if swallowed. Avoid contact with skin and eyes-rinse liberally with clean water to avoid irritation.

Additional information is listed in the Material Safety Data Sheet (MSDS) available from Performance Feeds.

Does not contain Restricted Animal Material (RAM)



For more information, please contact your local Anipro Distributor, Freecall Performance Feeds 1800 300 593 or www.performancefeeds.com.au

Manufactured by:
Performance Feeds Pty. Ltd.
PO Box 25
Kingsthorpe QLD 4400



Performance Feeds
National Sales Manager
Peter Cush
Mobile: 0408 607 558

Territory Manager
North & Central QLD
Doug Pollock
Mobile: 0488 677 883

Territory Manager
Southern Queensland
Joshua Lockwood
Mobile: 0428 367 493

Territory Manager
Victoria & South East SA
Wayne Bott
Mobile: 0429 220 125

