

SUPPLEMENTS

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SUPPLEMENTS

Our range of supplements allow for a quick, convenient way of improving many aspects of your livestock's wellbeing. Supplementing deficiencies cannot only improve your livestock but can also reduce the risk of diseases and other health issues, such as foot rot or grass staggers.

Our range of supplements are carefully selected for their high-quality raw materials to suit the ranges of feed and forage fed in UK diets. Our supplement range provides the required levels for your livestock to perform, whether it's for rumen health, foot health, disease prevention, improving feed efficiency, hydration, reducing heat stress, turn-out, lameness or other, your local NWF sales specialist will be able to advise you on the correct supplementation for your livestock.

Symptoms/Problems	Production Problem	Effective Product
Reduced Feed Intake Low Butterfat's Cud-Balling Scouring Lethargy	SARA (Sub-Acute Rumen Acidosis) OR Clinical Acidosis	NWF Stable Rumen NWF Healthy Rumen NWF Ultra Buff Rumen Yeast Caps
Swollen Hocks Reduced Fertility/Abortions Nasal Discharge	Mycotoxin Contamination	NWF Healthy Rumen NWF Myco-Challenge
Late Cut Silage Highly Lignified	High Diet content of indigestible fibre	NWF Fibregest Vista Pre T
Poor Condition Low Milk Production Reduced Fertility	Energy Deficit OR Ketosis	Evolution Protected Fat
Low Milk Butterfat's	(Contract Penalisation)	Butterfat Extra
Wood Chewing Licking Urine	Salt Deficiency	Lump Rock Salt Ground Rock Salt PDV Salt
Turn out to spring pastures	Grass Staggers (Hypo-Magnesaemia)	Magnesium Chloride Calcined Magnesite
High Somatic Cell Count High Mastitis Rates	Depressed Immunity	NWF Cell Shield
Increased Lameness Soft Hoof Tissue	Biotin Deficiency	Biotin Additive

ACID BUF

A pure rumen conditioner with bioavailable minerals. It is derived from marine algae and contains high levels of calcium, magnesium and other minerals. It is highly effective as a rumen buffer and stabilises rumen pH over longer periods of time. Acid Buf works in harmony with the animal's natural endogenous system for buffering excess acid leading to a stable and productive rumen environment. A healthier rumen can lead to improved production parameters.

Lactating Cows

Including Acid Buf in the diet can provide:

- Better neutralisation of rumen acid.
- Slow-release and longer-term rumen buffering.
- Excellent source of bio-available minerals.
- Improved fibre digestion.
- Boosts milk yield and quality.
- Reduces methane output and environmental pollution.

Dry Cows

Including Acid Buf in the diet can provide:

- DCAD (Dietary Cation, Anion Difference) neutral – allowing inclusion in dry cow diets.
- Allows increased concentrate feeding close to calving.
- Releases highly available magnesium to the cow.
- Reduces the risk of metabolic disorders.
- Conditions the rumen for lactation.

Daily Feed Rates

<i>During lactation</i>	<i>50-80g/cow/head/day</i>
<i>Dry cow transition</i>	<i>40-50g/cow/head/day</i>
<i>Beef</i>	<i>30-50g/cow/head/day</i>

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CALCINED MAGNESITE

Calcined magnesite is produced from the raw material Magnesium Oxide which is quarried around the world. Calcined magnesite offers the most commonly used and economic source of supplementary magnesium for ruminant livestock.

Application

Calcined magnesite provides a good source of dietary magnesium. The magnesium in Calcined magnesite is highly available during digestion. Due to its poor palatability, it is normally included in TMR, minerals, mineral buckets, compounds, blends or premixes.

Dairy cows

Small amounts are used in winter diets. The major use, is with dairy cows at turnout. Feed 50 – 60 grams per head per day, commencing about 10 days prior to turn out, to help prevent Grass Staggers (Hypomagnesaemia). Magnesium is not readily stored in the body so continue feeding during high-risk periods, eg: lush spring grass.

Dry Cows

Dry cows generally have a higher magnesium level than lactating cows. This magnesium can be supplied by including Calcined magnesite in the diet or feeding dry cow minerals which have a high level of magnesium. It may sometimes be used in conjunction with magnesium chloride.

Suckler Cows & Beef

As with dairy cows, Calcined magnesite is primarily used at turn out. Typical feed rates are 50 grams/head/day.

Handling & Storage

To be stored in a cool, dry place. It may go lumpy/hard if stored for extended periods.

Typical Analysis

• <i>Dry Matter</i> – 99.0%	• <i>Magnesium</i> – 50-52%
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CAUSTIC SODA PEARLS

The treatment of cereals, legumes and oilseeds with caustic soda pearls (Sodagrain treatment) is a well-proven and effective technique. Treated grains can be fed without further processing.

The Sodagrain process is also an effective way of preserving moist grain. As an additional benefit, treated grains are alkali so they provide rumen buffering and assist in the prevention of acidosis.

Caustic soda is a hazardous product and appropriate precautions should be taken before handling and usage. The treatment process neutralises the Caustic soda, leaving a sodium (salt) residue. You should consider the use of a low sodium mineral (Sodagrain Balancer) in diets containing Caustic treated grains. This will avoid excessive water intake caused by the residual sodium.

The Sodagrain process is a simple, effective means of on-farm processing of whole grain for cattle feed. Sodagrain can improve forage and total feed intake, leading to increased milk yield and quality in dairy cattle and better live weight gains.

A watertight mixer feeder wagon is used for the process, eliminating the need for rolling, and aiding storage and feed preservation.

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FEED GRADE UREA

Urea is an economic non-protein nitrogen (NPN) source for boosting protein levels in ruminant rations. It is also a highly effective preservative for cereals.

Adequate protein supply to the rumen is essential to enable microorganisms to utilise dietary energy, in particular from forage. Urea when fed, is readily converted to ammonia by urease enzyme in the rumen, thus providing an economic source of Rumen Degradable Protein.

Features

- Highly concentrated effective protein source for adult ruminants.
- Supplies rapidly available nitrogen.
- Good balancer for low protein, high energy feeds.
- Can be used to preserve moist forage or grain.
- Alkaline pH results from hydrolysis with water.
- Very toxic if offered at even moderate levels.

Feed Rates

Urea provides a good source of Effective Rumen Degradable Protein (ERDP) to adult ruminants, but care should always be taken to ensure diets are correctly balanced. As feeding levels are very low due to its high 'protein' content, it is essential that Urea is mixed thoroughly with other feeds prior to offering to animals. Maximum feed rates do apply and should be taken into account with total excess nitrogen levels.

Typical Analysis

• Dry Matter – 99.5%

• Crude Protein – 280%

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HYDRATED LIME (BIOLIME H90)

Biolime helps control bacteria and mastitis to protect cattle housing environments. Simple to handle and easy to apply, this specially blended hydrated lime is quick to take effect and produce results.

Dairy/Cattle Potential Benefits

- Prevents mastitis.
- Reduces hoof infection.
- No risk of hydrogen sulphide.
- Improves hygiene in calf pens.
- Helps keep calf pens dry.

Sheep Potential Benefits

- Reduces hoof infection.
- Improves hygiene in lambing pens.
- Can help to prevent against navel infection.
- Prevents Scald and Footrot when applied to gathering areas, gateways and at housing.

Poultry/Game Potential Benefits

- Improves biosecurity.
- Reduces fly activity.
- Improves hygiene for a healthy flock environment.

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LIMESTONE FLOUR

Limestone Flour is used as a supplementary source of calcium. Limestone flour is a fine white powder, nominally less than 300 microns. The material has been crushed, milled, dried and screened, then milled and classified again to exceptional quality.

Typical Analysis

• <i>Dry Matter</i> – >99%	• <i>CaO</i> – 55.5%
• <i>CaCO₃</i> – 99%	

Particle Size Analysis

<i>MICRONS</i>	<i>TYPICAL %</i>	<i>LIMITS</i>
425	100	100
300	99-100	-
75	80-86	-
45	55-65	-
24	40-50	30 min

Typical Physical Properties

425	% retained on 175 micron sieve	2
300	% finer than 10 microns	28
75	% finer than 2 microns	7
45	Top Cut (D98)	150
25	Weight Median (D50)	30

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MAGNESIUM CHLORIDE FLAKES

Magnesium chloride is a highly soluble form of flaked magnesium.

Application

Because of its high solubility, magnesium chloride is normally administered via the drinking water. It can also be added to the TMR diet. It is often used with Dry Cows to help maintain anionic/cationic balance (negative DCAB), and assist in preventing milk fever. It is also used as a source of magnesium prior to turn out and during periods when lush grass is being fed.

Dairy Cows

Supplement according to magnesium requirements. Levels exceeding 100g/h/d in water may reduce water palatability.

Dry Cows

To help maintain anionic/cationic balance (DCAB), magnesium chloride is typically fed at 60 – 100 grams/head/day during the 2 – 3 week period prior to calving. It can be added to the drinking water or as part of a TMR diet.

Beef & Sheep

Magnesium chloride is not widely used with beef or sheep although it can be a convenient way of administering magnesium (via the drinking water) to Suckler Cows prior to turn out. In most cases, other sources of magnesium are preferred, eg: Calcined Magnesite, High Magnesium Minerals, High Magnesium Buckets.

Handling & Storage

Magnesium chloride is supplied in poly bags. It should be stored in a cool, dry place. Due to its hygroscopic nature, Magnesium Chloride may go lumpy if stored for extended periods.

Typical Analysis

• *Dry Matter – 99.0%*

• *Magnesium – 12-13%*

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NWF HEALTHY RUMEN PAK

Dairy cows often underperform for no apparent reason but in many cases the problem is poor rumen health. As the rumen produces around 70% of the energy and protein used by the cow, anything that disrupts the rumen disrupts the cow. NWF Healthy Rumen Pak contains Yea-Sacc® and Mycosorb A+, formulated to help ensure the conditions in the rumen are maintained at a level to promote high intakes, efficient digestion and increased yields. It can also deliver benefits when fed to cattle and calves. In cattle it will help increase liveweight gain by over 10%, improving carcass composition and reduce risk of bloat. Calves will see an improvement in dry matter intake and liveweight gains by 8%.

Features

Yea-Sacc®

- Scavenges oxygen from the rumen, removing the 'barrier' to efficient fibre digestion.
- Promotes beneficial bacteria in the rumen, increases fibre breakdown by up to 20% and helps reduce the incidence of Sub Acute Ruminal Acidosis (SARA).
- Maintains a more stable rumen pH.
- Increases dry matter intake by up to 1.4kg.
- Increases milk yield by up to 1.4kg.

Mycosorb A+

- Broad spectrum action against a wide range of mycotoxins.
- Stops mycotoxins attacking the rumen and the cow.
- Cost effective formulation protects the immune system of your cattle.
- Improves dung consistency.

Application

50g per cow/day

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NWF STABLE RUMEN PAK

A cost effective way of optimising rumen pH. Containing Yea-Sacc® and a blend of buffering agents. Combining a specially formulated range of buffers with improved fibre digestion from Yea-Sacc® to produce the optimal rumen environment.

This product is a solution to combat SARA in your cows
SARA – Sub-Acute Rumen Acidosis signs include:

- Poor performance.
- Fluctuating milk yield.

This can be triggered by:

- Wet maize silage.
- Acidic grass silage.
- High levels of cereal.

Features

- Higher feed intakes due to a more stable rumen.
- Increase in milk yield of up to 1.4 litres per day.
- Improvements in milk quality.
- Improvements in dung quality.
- Reduced lameness.

Daily Feed Rates

Dairy Cows	75-125g / head / day
Calves	25g / head / day
Beef	75-125g / head / day
<i>Ideal for mixing in with or sprinkling onto the daily ration</i>	

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NWF MYCO CHALLENGE FARM PAK

An enhanced version of Healthy Rumen Pak that contains Yea-Sacc® and a higher rate of Mycosorb. Combined ensures that rumen conditions in the rumen are maintained at a level to promote high intakes, efficient digestion and increased yields.

Features

Yea-Sacc®

- Scavenges oxygen from the rumen, removing the 'barrier' to efficient fibre digestion.
- Promotes beneficial bacteria in the rumen, increases fibre breakdown by up to 20% and helps reduce the incidence of Sub Acute Ruminal Acidosis (SARA).
- Maintains a more stable rumen pH.
- Increases dry matter intake by up to 1.4kg.
- Increases milk yield by up to 1.4kg.

Mycosorb A+

- Broad-spectrum action against a wide range of mycotoxins.
- Stops mycotoxins attacking the rumen and the cow.
- Cost effective formulation helps protect the immune system of your cattle.
- Improves dung consistency.

Daily Feed Rates

50g per cow/day

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NWF HEALTHY GUT

Containing Lactibute, a patented novel prebiotic that works to reduce the effects of leaky gut, improve energy partitioning within dairy cows and ultimately support milk production and performance

Nutritional Benefit

Leaky gut is the inability of the gut barrier to prevent unwanted toxin and pathogens leaking into the bloodstream. This can occur due to numerous stress situations such as transition period, feed restrictions, high starch diets and inflammation in the animal (I.E Injury or Disease). As a result, an immune response occurs, diverting energy away from milk production. The addition of the NWF Healthy Gut helps maintain yields, butterfats and milk proteins during these stressors.

Features

- Aids in gut health.
- Supports your herd in times of stress.
- Improves milk production and milk constituents.
- Increases short chain fatty acid utilizing bacteria.
- Promotes butyrate production.

Daily Feed Rates

Milking Cows	50g / head / day
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NWF HEALTHY GUT EXTRA

The NWF Healthy Gut Extra has been designed to be an effective solution to optimising the rumen and improve hind gut health all out of one bag, with the inclusion of Lactibute, Acid Buf and Opti Rumen.

Nutritional Benefit

Specifically designed to maintain milk yields, improve immune system health, milk proteins and butterfats at times of stress.

Features

- Aids in gut health.
- Supports your herd in times of stress.
- Improves milk production and milk constituents.
- Increases short chain fatty acid utilizing bacteria.
- Improves feed utilization and efficiency.
- Stabilises the rumen pH and optimises rumen conditions.
- Source of highly bio-available calcium and magnesium.

Daily Feed Rates

<i>Milking Cows</i>	<i>150g / head / day</i>
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NWF OPTI RUMEN

NWF Opti Rumen is a unique blend of plant extracts, essential oils and spices, which positively alters the rumen microbes to ensure optimal fermentation for more efficient production.

Nutritional Benefit

Plant extracts and essential oils help balance microbe populations to improve utilisation of nutrients. Spices improve digestion through a buffering effect. NWF Opti Rumen works by mopping up free nitrogen in the rumen whilst increasing levels of bypass protein contributing to decreased milk urea levels. Trials have shown ammonia production in the rumen decreased by 18% in a fibre-based diet and 27% in a starch-based diet.

Features

- Improves rumen buffering.
- Removes excess Nitrogen & decreases milk ureas.
- Increases butterfats.

Daily Feed Rates

Milking Cows	1-3g / head / day
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**NWF Opti Rumen is included in the Gut health extra pack and our Grazemore compound range as standard. It is also available to add into bespoke on farm minerals and as an additive in selected compounds.*

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OMEGA 3

Bringing all the benefits previously associated with fishmeal, Omega 3 supplement is formulated to supply key fatty acids, including EPA and DHA, to support high yields, reproductive performance and immune systems.

Nutritional Benefit

Omega 3 supplement increases egg size and quality, reducing early embryonic losses and improving reproductive performance.

Features

- Improves conception rate and reduces days open.
- Supports Uterus development to enhance embryo implantation.
- Better overall fertility with fewer cows culled when barren.
- Strengthens immune system, improving overall health and efficiency.
- Improves feed intakes and milk yields by increasing effective energy supply.

Typical Analysis

<i>Dairy Cows</i>	<i>100-150g / head / day</i>
<i>Sheep</i>	<i>10-15g / head / day</i>

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PDV SALT

Salt is an essential mineral in all species. PDV (Pure Dried Vacuum) salt is an alternative to Ground Rock Salt.

A free flowing salt, PDV is refined to remove any other trace elements or minor impurities. Fine granules, similar to table salt, white in colour.

Usage

- Normally included within TMR or home-mixed rations.
- Used in the manufacture of mineral / vitamin supplements.

Typical Analysis

• <i>Sodium</i> – 40%	• <i>Potassium</i> – 1.25%
• <i>Calcium</i> – 0.13%	• <i>Magnesium</i> – 0.005%

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HIMALAYAN LUMP ROCK SALT

Salt is an essential mineral in all species. It is essential to promote saliva production and ensure optimum function of the digestive system.

Himalayan Rock Salt offers a convenient and natural way of providing salt for your livestock.

Large lumps of raw salt ranging from 5 – 35kgs in weight. The colour may be grey, red, brown, or white according to the source.

Feed Rates

<i>Normally offered 'Free Access' in the feed trough, manger, or at grass.</i>
<i>Very weather resistant, so can be fed outside without protection.</i>
<i>Can be fed to all species.</i>

Typical Analysis

• Sodium – 40%	• Potassium – 1.25%
• Calcium – 0.13%	• Magnesium – 0.005%

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SODIUM BICARBONATE

Sodium bicarbonate is one of the most commonly used rumen buffers in dairy cow diets.

Benefits

Optimal rumen function is essential in order to maximise performance as well as allowing maximum utilisation of low-cost forages. Rumen function can be impaired by feeding high cereal rations, acidic silages, short chop forage and starchy forages which in turn can lead to impaired digestion, reduced intakes and poor performance (e.g. reduced butterfat). Feeding sodium bicarbonate assists the saliva in its buffering capacity, thus reducing the risk of large drops in rumen pH which can lead to acidosis.

This is practically demonstrated with:

- Improved forage intakes.
- Effective fibre digestion.
- Higher milk yields.
- Enhanced milk quality, increased butterfat.
- Improved feed conversion and liveweight gain.

Typical Analysis

• <i>Dry Matter</i> – 99.0%	• <i>Sodium</i> – 27%
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Daily Feed Rates

Feed up to 250g/h/d. typical feed rates are 100 – 150g/h/d

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SODIUM SESQUICARBONATE

Sodium sesquicarbonate contains a blend of sodium bicarbonate and sodium carbonate and is a source of sodium for cows and sheep.

Benefits

Optimal rumen function is essential in order to maximise performance as well as allowing maximum utilisation of low-cost forages. Rumen function can be impaired by feeding high cereal rations, acidic silages, short chop forage and starchy forages which in turn can lead to impaired digestion, reduced intakes and poor performance (e.g. reduced butterfat). Feeding sodium sesquicarbonate assists the saliva in its buffering capacity, thus reducing the risk of large drops in rumen pH which can lead to acidosis.

This is practically demonstrated with:

- Improved forage intakes.
- Effective fibre digestion.
- Higher milk yields.
- Enhanced milk quality, increased butterfat.
- Improved feed conversion and liveweight gain.

Typical Analysis

• <i>Dry Matter</i> – 99.0%	• <i>Sodium</i> – 27%
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Daily Feed Rates

<i>Dairy Cows</i>	100 - 150g / head / day
<i>Beef</i>	20-25g per 100kg live weight / head / day
<i>Sheep</i>	20g / head / day

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MICROZYME – R

Make the most of your slurry. MicroZyme R is a biological product for use in the reduction of solids, odour control and nitrogen retention in stored liquid ruminant manure. Containing a unique blend of bacteria strains and enzymes specifically selected for their capability to break down fibre, starch, pectins, fats and protein residues within ruminant slurry over a wide range of temperatures.

Features

- Decreases Solids, crust and odour.
- Faster pump outs and easier to handle.
- Preserves nitrogen content, optimising fertiliser usage.
- Lowers ammonia emissions from slurry.
- Less separation after mixing and a more consistent slurry.
- Improves plant uptake, suitable for multi-cut systems.

Application

Treatment should start as soon as the lagoon begins to fill and should be continued on a regular basis. Do NOT apply MicroZyme R to lagoons that are nearly full unless long term storage is intended.

For herds less than 250 cows: Initial dose for lagoon: 2 x 400g.

Then a dose of 1 x 400g on a weekly basis.

For herds greater than 250 cows: Initial dose for lagoon 2 x 1 kg.

Then a dose of 1 x 1 kg on a weekly basis.

For all applications, mix the total amount of MicroZyme R with 10 times the volume of water and then add to passage scrapings or pump into the lagoon.

Storage

This product contains viable bacteria and microbial enzymes. For maximum shelf life store in a cool, dry place in original packaging.

Use within 12 months of manufacture.

TECHMIX BLUELITE® REPLENISH™

For Calves

Calf diarrhoea continues to be a major health problem in calves less than 2 months of age. BlueLite® Replenish™ is a palatable liquid, buffer calf electrolyte formulated for the severely dehydrated calf.

Features

- Scientifically formulated for optimal osmolarity, tonicity, acidification and energy, to provide the right hydration at the right time giving calves the best chance to reach their genetic potential.
- Corrects dehydration and electrolyte abnormalities (NA, K, Cl) facilitating the absorption of sodium.

Benefits

- Provides energy.
- Maintains a low abomasal pH supporting a healthy digestive tract.
- Nutrient dense liquid, providing ease of supplementation with no mixing required.

Daily Feed Rates

100ml into 2L of extra water (preferably warm) consumed daily or add 50ml with each milk feeding twice a day (morning and evening). Repeat until calf recovers.

Can also be fed to sheep. Consult feed rates with your NWF Sales Specialist

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**NWF
YOUNGSTOCK
SPECIALISTS
AVAILABLE TO
OFFER ADVICE
ON CALF
REARING**



TECHMIX CALF RENOVA®

For Calves

Calf Renova® is an easy-to-use bolus, containing a source of natural ingredients. The bolus includes a botanical extract, naturally occurring microorganisms (Direct Fed Microbials) and yeast products. Calf Renova® provides intestinal support through beneficial bacteria and plant extracts as an effect intervention for diarrhoea.

Features

- Contains specifically selected hind gut DFM's (probiotic).
- Essential oil as a natural antioxidant.
- Offers a natural antimicrobial effect.

Benefits

- Preventative of diarrhoea.
- Eases the transition from colostrum to whole milk/milk replacer.
- Improves hind gut integrity.

Daily Feed Rates

Administer 1 bolus capsule per calf at first signs of intestine upset or reduced intake from 3 days of age. Repeat if needed after 24 hours.

Can also be fed to sheep. Consult feed rates with your NWF Sales Specialist

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TECHMIX FRESH COW YMCP®

For Cows

Fresh Cow YMCP® is the total fresh cow solution that provides rehydration and nutrients essential to maintain optimum peak yield while also helping to maintain health. The products provides more than just calcium to activate the metabolism and the rumen, helping with recovery and ease the transition into lactation.

Features

- Contains live yeast to support rumen function.
- Calcium derived from four different sources.
- Magnesium to help the body absorb calcium.
- Potassium required for energy metabolism and re-hydration.
- Niacin to help energy metabolism.
- Highly palatable and non-abrasive formula.

Benefits

- Promotes an optimal rumen environment.
- Supports muscle tone of the uterus.
- Vitamin E and Zinc chelate to support animal health during stressful periods.
- Includes Niacin which is essential for energy metabolism and fat mobilisation.

Daily Feed Rates

Feed 500g (one sachet) as soon as possible after calving through bucket or drench.

Water Use – Mix one sachet of Fresh Cow YMCP with 20 litres of warm water, ensure the cow drinks the full buckets.

Drench Use – Mix one sachet of Fresh Cow YMCP with 1-2 litres of warm water then drench

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TECHMIX RUMEN YEAST CAPS®

For Cows

Rumen Yeast Caps® are a source of live yeast and vitamins in an easy-to-use bolus form to be used at any off-feed events.

Benefits

- Contains 30 Billion CFU's of live yeast cultures (3x normal rate).
- Includes the recommended 6 grams of Niacin which is essential for energy metabolism.
- Vitamin E supports animal health during stressful periods.
- Promotes an optimal rumen environment.
- Supports optimum feed efficiency and encourages dry matter intakes.

Daily Feed Rates

When to use
<i>Anytime dry matter intake drops i.e. after calving, during heat stress, bulling or after antibiotics have been administered.</i>
<i>Once a downer cow back on its feet.</i>

Directions for use
<i>Give one capsule daily using the large applicator for a maximum of 3 days following calving, or whenever feed or dry matter intake drops below normal.</i>
<i>Do not exceed 3 boluses.</i>

Pack Size

<i>25 capsules per pot</i>

Can also be fed to sheep. Consult feed rates with your NWF Sales Specialist

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TECHMIX BLUELITE® C HYDRATABS

For Cows

Bluelite® C Hydratabs is a highly palatable electrolyte supplement providing oral hydration support to pre-weaned calves. With multiple energy sources and acidification that promote healthy guts. Bluelite® C Hydratabs can be administered with milk, milk replacer or water to enhance digestion, and has been proven to be an effective and easy way to ensure young calves maintain hydration.

Benefits

- To encourage water intake and maintain hydration.
- For rehydration of transported calves.
- To encourage hydration during periods of stress.
- To promote clot formation of milk nutrients to help utilization of milk solids.
- To enhance digestion and optimize nutrient utilization.
- Add to water during the summer and winter months for added energy Daily Feed Rates.

Daily Feed Rates

Dissolve 1 bolus in 1L of 37°C water. Provide 2-3 times daily as a drink.

Pack Size

20 boluses per tub.

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RELATED PRODUCTS
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BOVINE BLUELITE®

For Cows & Calves

Hydration is the key component to herd health and performance. An easy-to-administer electrolyte, Bovine BlueLite® is very palatable, buffered, and provides added energy sources and vitamins necessary to help recover from dehydration. Use Bovine BlueLite to help cows rehydrate in times of heat stress to maintain normal body fluid and electrolyte balance helping ensure top performance.

Benefits

- Highly palatable and buffered electrolyte formulated for dehydration.
- Contains multiple energy sources.
- Easy to administer for individual or whole herd treatments.
- Helps cows to rehydrate in times of dehydration and other health challenges and maintain normal body fluid and electrolyte balance.
- Can be added to water, TMR, or top dressed on feed.

Daily Feed Rates

<i>Adult Stock</i>	<i>40g daily</i>
<i>Youngstock</i>	<i>20g daily</i>

Pack Size

8 x 2.5kg Packs

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