Agritech Nutrition Pack

Meeting the needs of the lactating Cow

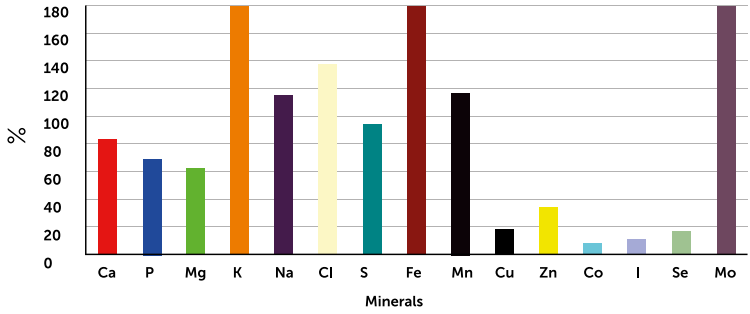
Excellence in fertility, health and longevity underpins profitability on Irish dairy farms, with most of these factors being strongly influenced by the nutritional management of the herd.

At Agritech, we strive to provide the cow with premium products to assist in achieving maximum performance.

Post-Calving Minerals

Grass/grass silage is a suboptimal trace element source for dairy cows, with research highlighting that deficiencies in copper, zinc, selenium and iodine are widespread. With these elements being directly linked to fertility, the correct provision of major minerals and trace elements in the critical post-calving period is vital.

Grass/grass silage as a mineral source for dairy cows (100% = daily requirement)



Post-Calving Mineral Range

Welmin Dairy Boost

Formulated to enhance and support the productivity of the lactating cow, improve fertility and the overall functionality of the breeding herd.

- Generous levels of bioavailable copper and organic selenium.
- Multiple sources of key elements to increase absorption.
- High levels of Vitamin E and B12 to increase immune responses.

Welmin Compound Balancer

Specifically formulated to be offered alongside a parlour compound feed.

- High phosphorous availability (12%) to offset PICA issues at grass.
- 100% chelated copper and zinc to increase likelihood of conception, increase claw health and lower SCC.
- High inclusion of Vitamin E to improve uterine function and increase immune responses.

Welmin TMR Dairy Elite

Superior formulation for high yielding lactating dairy cows.

- Multi-source inclusion of organic and bioavailable trace minerals.
- Full inclusion of B Vitamins to improve immune responses.
- Added yeast culture to increase ruminal bacterial populations.
- Added Biotin for to improve fertility and reduce hoof related issues.

Welmin High-Phos Maize Cereal Beet Balancer

Specifically formulated for scenarios where there is a greater requirement for phosphorous in the diet, such as feeding maize silage, fodder beet, root crops and high rates of cereals.

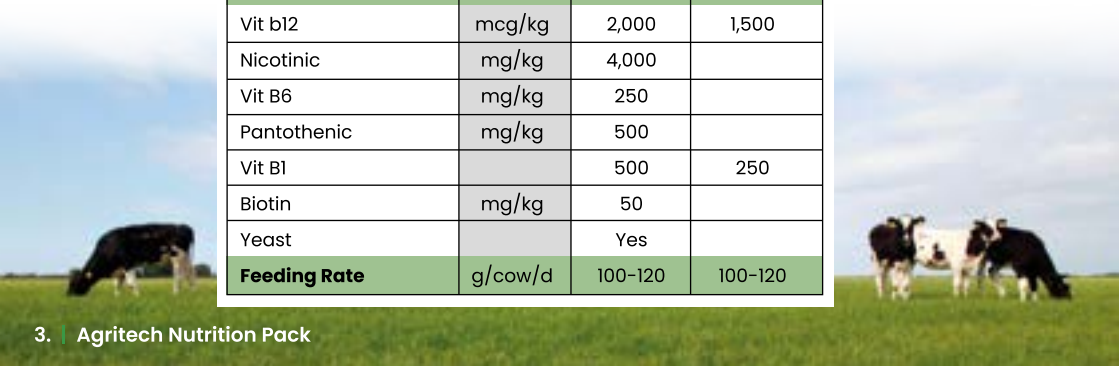
- High phosphorous availability (14%) to balance low phosphorous diets.
- High inclusions of bioavailable copper and zinc to improve fertility, performance and overall health.
- Added inactive yeast to promote ruminal bacterial populations.

Dry Cow Mineral

Recommended Feeding Rate: 100-120 g/hd/day

- Multi-source inclusion of organic and chelated trace elements, to optimise bioavailability and protect against antagonists..
- Welmin multi-source soluble magnesium pack which plays a vital role in the prevention of milk fever.
- Welmin mineral selenomethionine organic selenium ~ 100% availability.
- High quality total vitamin pack, with high inclusions of Vitamin E, D3, & Vitamin A.

		Welmin Dry Cow Elite	Welmin Standard Dry Cow
Analytical Constituents			
Calcium	%	1	1
Magnesium**	%	30	25
Phosphorous	%	4	3
Sodium	%	3.8	10.8
Trace Elements			
Cobalt	mg/kg	100	100
Chelated Copper ***	mg/kg	2,500	2,000
Copper Total	mg/kg	3,000	3,000
Iodine	mg/kg	500	500
Manganese Total	mg/kg	3,350	3,350
Organic Selenium*	mg/kg	20	10
Selenium Total	mg/kg	50	50
Chelated Zinc ***	mg/kg	2,500	750
Zinc Total	mg/kg	8,050	7,950
Vitamins			
Vitamin A	iu/kg	800,00	500,000
Vitamin D3	iu/kg	300,000	200,000
Vitamin E	mg/kg	10,000	5,000
Vit b12	mcg/kg	2,000	1,500
Nicotinic	mg/kg	4,000	
Vit B6	mg/kg	250	
Pantothenic	mg/kg	500	
Vit B1		500	250
Biotin	mg/kg	50	
Yeast		Yes	
Feeding Rate	g/cow/d	100-120	100-120



Lactating Cow Nutrition Range

Optimate

A rumen protected essential omega-3 fatty acid supplement with added vitamins to improve reproductive performance and general health in high production dairy cows.

- Rumen protected blend of fish oils, resulting in rumen bypasses and a slow targeted release in the intestine.
- Contains high levels of omega-3 (EPA and DHA) to increase the likelihood of conception, improve follicle development and reduce early embryonic losses.
- Added rumen protected Biotin for claw health, and Vitamins B and E for greater immune responses.

Results

- Consistently results in stronger, more vigorous heats when used on farm.
- Proven to reduce calving interval by an average of 15.75 days in high production herds.

Recommended Feeding Rates:

30 days prior to calving:	**100 days post calving:**
100-150g/hd/day	200-250g/hd/day

Rumate

A targeted release nitrogen that uses a coating technology to provide a precise and consistent supply of nitrogen to microbes in the rumen, resulting in increased performance and improved feed conversion efficiency.

- Improves fibre digestion ability by the animal and overall dry matter utilisation.
- Optimises space in the diet, allowing for flexibility in diet formulation.
- Provides the opportunity to lower the cost of feed in the diet.

Rumicare

- Welmin Rumicare supplies calcium, magnesium and sodium each of which are very beneficial to the animal, particularly the high yielding early lactating dairy cow.
- Lowers requirement for straw, leaving more room for quality feed.
- Delivers smoother transition diets with less setbacks including less displaced abomasums.

Results

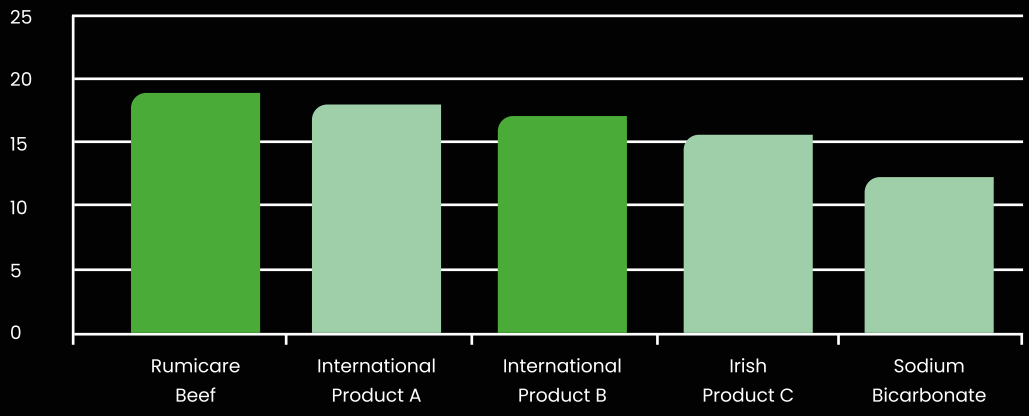
- Increases feed conversion efficiency, feed intake and milk yield, while also reducing lameness issues caused by chronic acidosis.
- Scientifically proven to increase milk production, reduce the risk of clinical and sub-clinical acidosis and improve milk fat concentration.
- Results in increased body condition score during the critical transition period (+0.5 BCS).
- Increases rumen fill scores by 25%, an indication of optimal rumen function.

Recommended Feeding Rates:

Dairy cows:
50-150g/hd/day

Beef cattle:
75-100g/hd/day

Youngstock:
30g/hd/day



Rumicare Yeast

Recommended Feeding Rate: 80g/hd/day

- Yeast farm pack with phased release rumen buffer minerals.
- A unique combination of both live and inactive yeast cultures working symbiotically to optimise rumen efficiency.
  - ✓ The mechanisms of live and inactive yeast cultures end with a similar response: to prevent a drop in rumen pH and reduce the risk of acidosis.
- Due to their differing modes of action, both live and inactive yeast cultures produce a synergistic effect when offered in the diet simultaneously.

LIVE YEAST
Oxygen elimination = Greater rumen function

\+

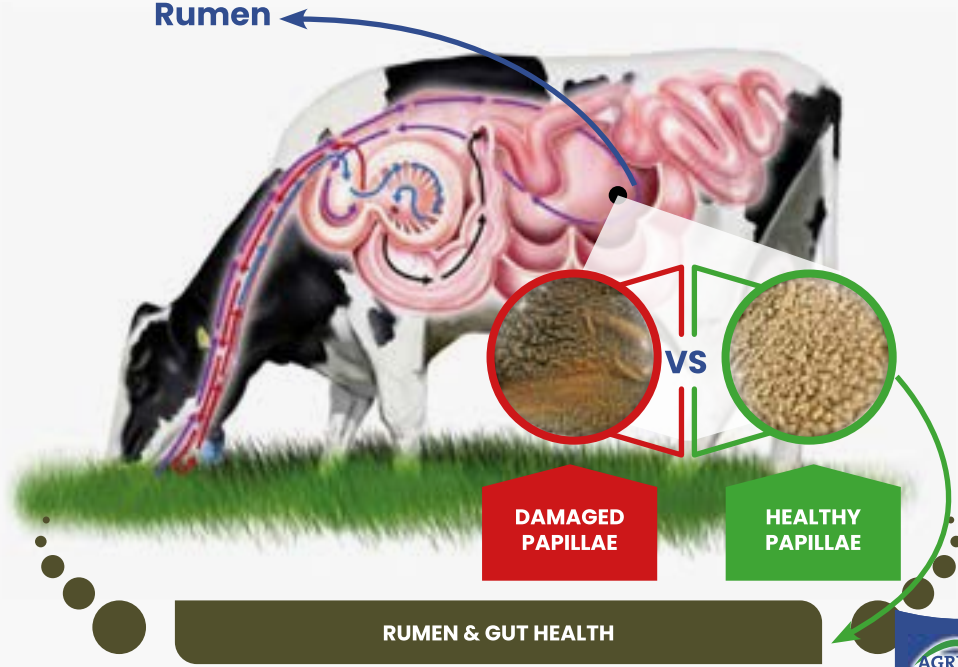
YEAST CULTURE
Nutrient supply for rumen microflora = Increased population of beneficial

=

COMBINATION
Reduced acidosis risk & increased feed efficiency

1 + 1 = 3

- Rumicare Yeast also contains a blend of phased release rumen buffers, combining ingredients with a high acid absorption capacity, that help to maintain pH levels within a range.



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Contact your local Sales Advisor or your local Distributor