



natural nutrition equine



Micronising cereal grains and legumes via short time exposure to high temperature, infra-red microwaving has consistently proven to dramatically improve the digestibility of many high quality raw materials used to balance equine rations. The carbohydrate fractions of these products need to be available for digestion in the small intestine. If allowed to pass through to the cecum (and large intestine) they can create hind gut fermentation. This is often a major contributor to conditions such as colic and acidosis which extend to many associated animal health problems.

Micronising does improve the nutrient digestion of cereal grains in the small intestine, so we don't have a 'loading up' effect on the cecum. By way of example, research consistently shows that typically only 25% of the carbohydrate in rolled barley is digested in the small intestine, whereas micronised barley digestion in the small intestine is consistently in the range of 90-95%. This results in huge improvements to feed efficiency, animal health and performance for equines of all ages, breeds and levels of activity.



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Applied Knowledge
Delivering Performance



Textured Feeds:



Rein: 'Rein' has been formulated to assist in meeting the nutrient requirements of horses and ponies with light to moderate levels of work. Providing a combination of micronised barley, maize and lupins, whole oats, molasses, lucerne and oaten chaff, it delivers a great combination of digestible carbohydrates, protein and fibre sources to aid increased performance.

'Rein' also provides a complete offering of essential vitamins, macro and micro minerals. We have included a yeast culture in the form of Diamond V XPC® to aid fibre digestion and overall digestive function.

Crude Protein (min.)	Crude Fat (max.)	Crude Fibre (max.)
12%	6%	10%
Added Salt (max.)	Calcium (min.)	Phosphorus (min.)
1.2%	1.1%	0.5%



Unbridled: High performance equines have increased nutrient demands, meaning that we need to pay greater attention to the way we deliver energy for optimal, sustained blood glucose production. This is necessary to maintain ongoing levels of high activity. Micronised grains improve small intestine carbohydrate digestion to support these outcomes, along with increased levels of metabolisable amino acids to aid tissue development and recovery.

'Unbridled' delivers increased levels of the essential macro and micro minerals (with a strong alkaline DCAB), alongside a comprehensive suite of vitamins for rehydration, recovery, prevention of tying up and insulin sensitivity. Diamond V XPC® is a standard inclusion as it supports digestive function and nutrient absorption efficiency, which can assist recovery from stress and injury.

Crude Protein (min.)	Crude Fat (max.)	Crude Fibre (max.)
13%	7%	8%
Added Salt (max.)	Calcium (min.)	Phosphorus (min.)
1.2%	1.2%	0.55%



Matriarch: 'Matriarch' provides mares with a balanced feed option to meet their unique requirements for lactation and reproductive performance. 'Matriarch' is high in metabolisable protein and carbohydrate fractions essential to initiate and support lactogenesis. It also delivers very high levels of essential vitamins and minerals necessary to maintain immune function and tissue recovery post foaling.

Another feature of this product is the elevated levels of selenium and vitamins E and B1; their antioxidant properties have been shown to assist ovarian follicle development and reproductive performance.

Crude Protein (min.)	Crude Fat (max.)	Crude Fibre (max.)
18%	7%	10%
Added Salt (max.)	Calcium (min.)	Phosphorus (min.)
1%	1.3%	0.75%



Prolific: 'Prolific' has been formulated to meet the increased demand for specific amino acids and minerals in actively growing weanlings and yearlings. Shortages of these essential nutrients from forages can limit lean muscle and frame development. 'Prolific' also provides energy from a range of carbohydrate sources to avoid digestive disturbances and maintain optimal, steady state blood glucose levels.

This feed is high in calcium and phosphorus for skeletal development, but is also complemented with magnesium, sodium and vitamin D3 to ensure the absorption of dietary calcium. Trace minerals and vitamins are included to support immune function and cell integrity for healthy hooves, skin, coat etc. The addition of Diamond V XPC supports feed palatability and aids digestive function.

Crude Protein (min.)	Crude Fat (max.)	Crude Fibre (max.)
17%	8%	9%
Added Salt (max.)	Calcium (min.)	Phosphorus (min.)
1%	1.4%	0.8%



Catalyst: Natural Nutrition 'Catalyst' Muesli has been specifically formulated as an oat free feed that delivers a great balance of digestible energy and metabolisable protein to enable your equine to explore its athletic potential. Providing a combination of readily digested carbohydrates in tandem with metabolisable amino acids aids tissue development and recovery during times of increased work load.

'Catalyst' delivers optimal levels of the essential macro and micro minerals (with a strong alkaline DCAB), alongside a comprehensive suite of vitamins for rehydration, recovery, prevention of tying up and insulin sensitivity. Diamond V XPC is a standard inclusion as it supports digestive function and nutrient absorption efficiency, which can assist recovery from stress and injury via improved immune function.

Crude Protein (min.)	Crude Fat (max.)	Crude Fibre (max.)
13.5%	7%	8%
Added Salt (max.)	Calcium (min.)	Phosphorus (min.)
1.2%	1.2%	0.55%

micronised
Fresh
in Tas 

Caring for horses naturally

Our straight feed lines are available for owners and trainers who enjoy the flexibility of being able to adjust their ration inputs. Micronised barley, maize and lupins can be used in different combinations to form a sound cereal base for your horse or pony's ration. We recommended using a service such as feedxl.com or an experienced nutritionist to ensure that you have a firm grasp on your animal's total nutrient requirements, paying careful attention to the balance of these inputs with forage intake and essential mineral requirements.

Straight Feed Lines:



Barley: 'Micronised Barley' provides equines with a product that is high in digestible carbohydrate (starch) in a form that ensures optimum digestion in the small intestine. This allows the feeding of high energy feeds without the risk of colic and acidosis associated with feeding uncooked cereal grains.

Crude Protein (min.)	Crude Fat (max.)	Crude Fibre (max.)
10%	3%	10%
Calcium (min.)	Phosphorus (min.)	
0.04%	0.3%	



Maize: 'Micronised Maize' is a very high energy cereal grain. The micronising process enhances the digestibility of the carbohydrate fractions in maize for optimal nutrient absorption and animal performance. Feed efficiency is greatly improved by reducing carbohydrate load in the cecum.

Crude Protein (min.)	Crude Fat (max.)	Crude Fibre (max.)
8.5%	5%	6%
Calcium (min.)	Phosphorus (min.)	
0.02%	0.2%	



Lupins: 'Micronised Lupins' provide a unique combination of energy and protein to assist in balancing rations low in nutrient density. This is particularly helpful when equines are offered a base ration of low quality forages and low protein cereals such as oats.

Crude Protein (min.)	Crude Fat (max.)	Crude Fibre (max.)
34%	8%	12%
Calcium (min.)	Phosphorus (min.)	
0.2%	0.4%	

Feeding Rate Notes

The micronising process enhances the digestibility of cereal grains and legumes. If transitioning from rolled or cracked products to micronised, a lesser amount can be fed daily to deliver the same level of digestible energy (DE).

Grain based products should always be fed by weight, as slight adjustments in processing and batches of raw materials can affect the finished feed bulk density / volume.

The feed rates listed do not include forage. A minimum of 1% to 1.5% of liveweight should be offered daily as forage.

Be aware of changes to nutrient requirement, as both over feeding and under feeding have negative associations.

Make adjustments to rations gradually over a 10 day period. This lessens the chance of digestive upsets.

Offer several smaller meals daily for best results. Never offer more than 3kg of these products in a single meal.

These suggestions serve as a guide only and are in no way feeding recommendations. Seek the professional advice of a nutritionist or veterinarian if specific nutritional requirements need to be met.

Custom mixes are available on request, please contact us for your specific requirements.

Feeding Rates



Rein:

	Equine liveweight in kilograms				
	200	300	400	500	600
Maintenance	0.4kg	0.9kg	1.5kg	2.0kg	2.5kg
Light Work	1.4kg	1.9kg	2.5kg	3.0kg	3.5kg
Moderate Work	2.4kg	2.9kg	3.5kg	4.0kg	4.5kg



Unbridled:

	Equine liveweight in kilograms				
	200	300	400	500	600
Light Work	1.2kg	1.7kg	2.3kg	2.8kg	3.3kg
Moderate Work	2.2kg	2.7kg	3.3kg	3.8kg	4.3kg
Heavy Work	3.2kg	3.7kg	4.3kg	4.8kg	5.3kg



Matriarch:

	Equine liveweight in kilograms				
	200	300	400	500	600
Maintenance	0.5kg	1.0kg	1.6kg	2.2kg	2.8kg
Early Gestation	1.0kg	1.5kg	2.2kg	2.8kg	3.4kg
Late Gestation	1.5kg	2.0kg	2.8kg	3.4kg	4.0kg
Lactating	2.5kg	3.0kg	3.8kg	4.4kg	5.0kg



Prolific:

	small	medium	large
6-12 months	0.5kg	0.8kg	1.2kg
12-18 months	1.5kg	1.8kg	2.2kg
18 months +	2.0kg	2.5kg	3.0kg



Catalyst:

	Equine liveweight in kilograms				
	200	300	400	500	600
Light Work	1.1kg	1.6kg	2.2kg	2.7kg	3.2kg
Moderate Work	2.2kg	2.7kg	3.3kg	3.8kg	4.3kg
Heavy Work	3.3kg	3.8kg	4.4kg	5.0kg	5.5kg