

NATURALLY NUTRITIOUS!

Elite Breed with Amylase



 **EQUUS RANGE**
SPECIALTY EQUINE SUPPLIES

ELITE BREED 18

NUTRITIOUS BREEDING FORMULA

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ELITE BREED 18 WITH AMYLASE - *Natures Power!*

Elite Breed 18 is a highly nutritious and palatable breeding diet formulated to be fed where nutritional demands are very high such as during lactation, for young growing horses and for long yearlings and two year olds in training.

Elite Breed 18 leads the way in breeder nutrition with the inclusion of amylase and organic chromium to further enhance digestion and energy utilisation.

UNIQUE FORMULATION

Naturally the best!

Elite Breed 18 has been scientifically formulated to ensure safe and highly efficient starch digestion in the small intestine. Starch digestibility in the small intestine is very important to prevent digestive problems such as caecal acidosis which can lead to poor fibre digestion, diarrhoea, colic and laminitis. We have attained high starch digestibility in **Elite Breed 18** by the addition of the digestive enzyme amylase by specially selecting ingredients that have a natural high starch digestibility and by heat treatment of some selected ingredients.

Elite Breed 18 has been manufactured using these criteria to ensure the very best in nutritional digestibility, coolness and safety without the necessity to excessively heat process the food. While high temperature processing such as extrusion has some advantages there are also disadvantages such as high cost and detrimental heat damage to sensitive nutrients such as lysine, enzymes and vitamins.

Elite Breed 18 is a highly nutritious diet that is not over processed giving you the best performance and value for money. **The way nature intended!**

AMYLASE

The power of nature!

Amylase is a natural protein enzyme that is responsible for the break down of complex starches in the small intestine to simple sugars that are then absorbed to provide energy for the horse. Horses do not produce enough amylase for effective digestion of large amounts of starch, this is why they have more problems digesting high starch diets compared to some other grain eating animals. Starch digestion in the small intestine can be improved naturally and safely, without over processing or excessive heat treatment, by supplementing the diet with amylase.





ORGANIC CHROMIUM

Enhanced performance!

Research has shown beneficial responses to supplementing diets with organic chromium where high stress, strenuous activity is performed.

Organic Chromium has been added to **Elite Breed 18** to help maintain chromium levels during strenuous activity, this improves the bodies sensitivity to insulin, which in turn improves glucose utilisation and therefore the horses performance.

NATURAL OILS

Highly digestible!

Elite Breed 18 contains premium quality vegetable oils which are an excellent source of readily available energy. Vegetable Oils provide cool, safe and manageable energy and is a more efficient source of energy than carbohydrates. Oil has the advantage of sparing glycogen in the muscle and liver of horses thus increasing the time taken for the muscle to become fatigued.

Oil contains approximately two and a quarter times more energy than carbohydrates and has an excellent balance of essential omega fatty acids. Omega fatty acids impart an attractive sheen to a horses coat, are important for maintaining healthy skin and are necessary for many biological functions. They also aid in the absorption and storage of the fat soluble vitamins A, D, E and K.

HI-LYSINE

For strong muscle growth and recovery!

Protein is made up of components called amino acids, of which some must be provided via the diet and others are synthesised by the animal. Amino acids needed to be supplied via the diet are called essential amino acids, of these lysine is normally the one most likely to be in short supply. **Elite Breed 18** is balanced for essential amino acids, particularly lysine, and as can be seen in the "Lysine Content" chart contains a substantially higher level of lysine than typical horse feeds. The high lysine and balanced protein of **Elite Breed 18** ensures efficient protein utilisation, improved lactation in mares, strong growth in young horses, enhanced muscle tone and aids in muscle recovery after strenuous exercise.



ENERGY & COOLNESS RATING



IMPROVE YOUR OWN GRAIN *Innovative nutrition!*

Apart from being a very nutritious diet in its own right, **Elite Breed 18** has the ability to enhance the nutritional digestibility of other grains that you may wish to feed. If **Elite Breed 18** is fed at a rate of 3kg per day along with your own grain, enough amylase will be consumed to have a beneficial effect on the digestion of starch in the extra grain.

*If you would like more information on how **Elite Breed 18** can improve your own diet, please contact one of our technical personnel.*



EQUUS RANGE

SUPERIOR QUALITY HORSE FEEDS

ANALYSIS & INGREDIENTS

PROTEIN 18 % min.

OIL & FAT 9% min.

FIBRE 13 % max.

Elite Breed 18 has been formulated from a selection of the following quality ingredients and/or their by-products: Oats, Corn, Rice, Barley, Lupins, Peas, Beans, Canola, Sunflower, Bran, Pollard, Premium Quality Cold Pressed Vegetable Oil and Molasses. Micro Ingredients: Amylase, Organic Chromium, Electrolytes, Vitamins and Minerals as listed below.

VITAMINS, MINERALS & ELECTROLYTES

Elite Breed 18 fed at the rate of 5.0kg per day along with 5.0kg roughage will approximately provide the following levels of vitamins and minerals:

MINERALS & ELECTROLYTES

Calcium (Ca)	75	gm
Phosphorus (P)	43	gm
Magnesium (Mg)	28	gm
Sodium (Na)	35	gm
Chloride (Cl)	64	gm
Potassium (K)	115	gm

TRACE MINERALS

Iron (Fe)	2,045	mg
Copper (Cu)	190	mg
Manganese (Mn)	920	mg
Zinc (Zn)	770	mg
Chromium (Cr)	1,000	mcg
Cobalt (Co)	3,100	mcg
Iodine (I)	1,900	mcg
Selenium (Se)	2,800	mcg

VITAMINS

Vitamin A	182,790	iu
Vitamin D ₃	9,600	iu
Vitamin E	1,300	mg
Thiamine (B ₁)	87	mg
Riboflavin (B ₂)	95	mg
Pyridoxine (B ₆)	60	mg
Folic acid	30	mg
Pantothenic acid	125	mg
Niacin	395	mg
Choline	11,510	mg
Biotin	4,050	mcg
Vitamin B ₁₂	200	mcg

DAILY FEEDING CHART

	Horse weight	Elite Breed 18	Hay #
Weaner (4 months)	160 kg	3.5 kg	1.5 kg
Weanling, moderate growth (6 months)	200	3.5	2.0
Weanling, rapid growth (6 months)	200	4.0	2.0
Yearlings, moderate growth (12 months)	300	3.5	3.0
Yearlings, rapid growth (12 months)	300	4.0	3.0
Long yearlings at rest (18 months)	365	3.0	4.0
Long yearlings in training (18 months)	365	4.5	4.5
Two year olds at rest	410	2.0	5.0
Two year olds in training	410	4.5	5.0
Early lactation	450	5.0	5.0
Late lactation	450	3.0	6.0
Pregnant mares (9 to 10 months)	450	1.5	7.0
Pregnant mares (11months)	450	2.5	5.0
Breeding stallions	450	2.5	5.5
Intense Work	450	6.5	4.5
Moderate work	450	4.0	4.5
Light work	450	2.5	5.5

Do not feed more than approximately 0.80% of body weight (3.6kg for a 450kg horse) of **Elite Breed 18** in a single meal

Hay, chaff or pasture at 9% protein

Laucke Mills

Since 1899

Laucke Mills

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