



Specialty Feeds

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DIET

UNGULATE CUBES

This diet was designed as a general ungulate cube.

Y The diet is designed with a relatively high fibre content. This should enable its use as the sole feed source with actively growing animals. It is however recommended that such animals be allowed access to good quality free choice roughage.

Y For animals with lower metabolic rates the feed has sufficient vitamins and minerals to enable its use as a feed supplement to mixed roughage.

Y The diet is manufactured as an 8 mm diameter cube 10 - 30 mm long.

Y Packaging is in 20 Kg woven polyethylene bags.

Calculated Nutritional parameters

Protein	12 %
UIP (Rumen Bypass Protein) as % Crude Protein	30 %
Total Fat	4 %
Crude Fibre	18 %
Acid Detergent Fibre	22 %
Metabolisable Energy	9.6 MJ / Kg
Calcium	1.0 %
Phosphorous	0.6 %

FEEDING RECOMMENDATIONS

Feed as a supplementary feed with good quality roughage.

DIET FORM

8 mm diameter cubes. Packed in 20 Kg bags.

Ingredients

A fixed formulation ration using the following ingredients.

Barley, Oats, Lupins, Lucerne, Oaten hay, Methionine, Dicalcium Phosphate, Calcium Carbonate, Magnesium oxide, Salt, Sodium Bentonite, Sulphur and a Vitamin and Mineral premix.

Added Vitamins

Vitamin A (Retinol)	8,500 IU / Kg
Vitamin D3 (Cholecalciferol)	1,300 IU / Kg
Vitamin K (Menadione)	0.25 mg / Kg
Vitamin E (αTocopherol acetate)	180 mg / Kg
Vitamin B1 (Thiamine)	1.7 mg / Kg
Vitamin B2 (Riboflavin)	6 mg / Kg
Niacin (Nicotinic acid)	13 mg / Kg
Calcium Pantothenate	8.5 mg / Kg
Biotin	17 ug / Kg
Folic acid	2.5 mg / Kg
Vitamin B12 (Cyanocobalamin)	8.5 ug / Kg
Choline	128 mg / Kg

Added Trace Minerals	
Magnesium	100 mg / Kg
Iron	45 mg / Kg
Copper	13 mg / Kg
Iodine	0.5 mg / Kg
Manganese	45 mg / Kg
Cobalt	0.5 mg / Kg
Zinc	55 mg / Kg
Selenium	0.27 mg / Kg

Calculated Amino Acids	
Valine	0.6 %
Leucine	0.8 %
Isoleucine	0.5 %
Threonine	0.4 %
Methionine	0.2 %
Cystine	0.2 %
Lysine	0.5 %
Phenylalanine	0.6 %
Tyrosine	0.4 %
Tryptophan	0.15 %

Calculated Total Minerals	
Calcium	1.0 %
Phosphorous	0.6 %
Magnesium	0.2 %
Sodium	0.6 %
Potassium	0.8 %
Sulphur	0.3 %
Iron	600 mg / Kg
Copper	24 mg / Kg
Iodine	0.5 mg / Kg
Manganese	90 mg / Kg
Cobalt	0.5 mg / Kg
Zinc	80 mg / Kg
Molybdenum	1 mg / Kg
Selenium	0.4 mg / Kg
Cadmium	0.2 mg / Kg
Chromium	no data

Calculated Total Vitamins	
Vitamin A (Retinol)	42,400 IU / Kg
Vitamin D3 (Cholecalciferol)	> 1,300 IU / Kg
Vitamin E (Tocopherol)	200 mg / Kg
Vitamin K (Menadione)	2 mg / Kg
Vitamin C (Ascorbic acid)	no data
Vitamin B1 (Thiamine)	6 mg / Kg
Vitamin B2 (Riboflavin)	9.5 mg / Kg
Niacin (Nicotinic acid)	40 mg / Kg
Vitamin B6 (Pyridoxine)	2 mg / Kg
Pantothenic acid	20 mg / Kg
Biotin	180 ug / Kg
Folic acid	3 mg / Kg
Inositol	no data
Vitamin B12 (Cyanocobalamin)	9 ug / Kg
Choline	1,700 mg / Kg

Calculated Fat Composition	
Myristic Acid 14:0	trace
Palmitic Acid 16:0	0.5 %
Stearic Acid 18:0	0.1 %
Palmitoleic Acid 16:1 n7	trace
Oleic Acid 18:1	1.1 %
Gadoleic Acid 20:1 n9	trace
Linoleic Acid 18:2 n6	1.2 %
a Linolenic Acid 18:3 n3	0.1 %
Arachadonic Acid 20:4 n6	trace
Total Carotenoid	no data
Total Phospholipid	no data
Cholesterol	no data

Calculated data uses information from typical raw material composition. It could be expected that individual batches of diet will vary from this figure.

We are happy to provide full calculated nutritional information for all of our products, however we would like to emphasize that these diets have been specifically designed for manufacture by Specialty Feeds

This Feedstuff does not contain restricted animal material.