



## Diet

## Ungulate Cubes

This diet was designed as a general ungulate cube.

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

### Calculated Nutritional Parameters

Protein	12.50%
(UIP) Rumen Bypass Protein	3.60%
Total Fat	3.40%
Crude Fibre	19.50%
Acid Detergent Fibre	23.50%
Metabolic Energy	10. MJ / Kg
Calcium	0.80%
Phosphorous	0.60%

### Diet Form and Features

- The diet is manufactured as a 8 mm diameter pellet.
- 20 Kg woven polyethylene bags

### Feeding Recommendations

Feed as a supplementary feed with good quality roughage.

### Ingredients

A Fixed formula ration using the following ingredients:  
Barley, Oats, Lupins, Lucerne, Oaten hay, Oat hulls, DL Methionine, Dicalcium phosphate, Calcium carbonate, Magnesium oxide, Salt, Sodium bentonite, Sulphur and a Vitamin and trace mineral premix.

### Added Trace Minerals

Magnesium	100 mg/Kg
Iron	46 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	0.3 mg/Kg



Added Vitamins	
Vitamin A (Retinol)	8 500 IU/Kg
Vitamin D (Cholecalciferol)	1 300 IU/Kg
Vitamin E (a Tocopherol acetate)	178 mg/Kg
Vitamin K (Menadione)	0.26 mg/Kg
Vitamin B1 (Thiamine)	1.7 mg/Kg
Vitamin B2 (Riboflavin)	6.3 mg/Kg
Niacin (Nicotinic acid)	13 mg/Kg
Calcium Pantothenate	8.5 mg/Kg
Biotin	17 ug/Kg
Folic Acid	2.6 mg/Kg
Vitamin B12 (Cyanocobalamin)	8.5 ug/Kg
Choline	130 mg/Kg

Calculated Amino Acids	
Valine	0.60%
Leucine	0.90%
Isoleucine	0.50%
Threonine	0.40%
Methionine	0.20%
Cystine	0.20%
Lysine	0.60%
Phenylalanine	0.60%
Tyrosine	0.50%
Tryptophan	0.15%
Histidine	0.33%

Calculated Fatty Acid Composition	
Palmitic Acid 16:0	0.50%
Stearic Acid 18:0	0.10%
Palmitoleic Acid 16:1	Trace
Oleic Acid 18:1	1.10%
Gadoleic Acid 20:1	0.03%
Linoleic Acid 18:2 n6	1.20%
a Linolenic Acid 18:3 n3	0.10%
Total n3	0.10%
Total n6	1.20%

Calculated Total Minerals	
Calcium	0.80%
Phosphorous	0.60%
Magnesium	0.20%
Sodium	0.46%
Potassium	0.90%
Sulphur	0.25%
Iron	444 mg/Kg
Copper	22 mg/Kg
Iodine	0.5 mg/Kg
Manganese	80 mg/Kg
Cobalt	0.5 mg/Kg
Zinc	79 mg/Kg
Molybdenum	1.0 mg/Kg
Selenium	0.4 mg/Kg
Cadmium	0.2 mg/Kg
Chromium	No data

Calculated Total Vitamins	
Vitamin A (Retinol)	27 080 IU/Kg
Vitamin D (Cholecalciferol)	1 330 IU/Kg
Vitamin E (a Tocopherol acetate)	200 mg/Kg
Vitamin K (Menadione)	1.2 mg/Kg
Vitamin C (Ascorbic acid)	No data
Vitamin B1 (Thiamine)	5.3 mg/Kg
Vitamin B2 (Riboflavin)	8.4 mg/Kg
Niacin (Nicotinic acid)	34 mg/Kg
Vitamin B6 (Pryridoxine)	1.7 mg/Kg
Pantothenic Acid	17 mg/Kg
Biotin	175 ug/Kg
Folic Acid	3 mg/Kg
Inositol	No data
Vitamin B12 (Cyanocobalamin)	9 ug/Kg
Choline	1 700 mg/Kg

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 emphasise that these diets have been specifically designed for manufacture by Specialty Feeds. **This Feed Stuff Does Not Contain Restricted Animal Products.**