



# Specialty Feeds

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## DIET

### MARSUPIAL OMNIVORE DIET

This diet is designed as a supplementary feed for small omnivorous marsupials.

- ÿ Detailed nutritional requirements of marsupials are not well characterised. This diet was designed using the best information we could obtain from the literature to satisfy the nutritional requirements of a mixed colony of small omnivorous marsupials. The colony contained Western Barred Bandicoot (*Perameles bougainville*), Bilbies (*Macrotis lagotis*) and Boodies (Burrowing Bettong) (*Bettongia lesueur*).
- ÿ Feedback from animal carers has indicated that the diet is palatable to most of the individuals of these species.
- ÿ From several studies performed on the gut and faecal contents of wild small omnivorous marsupials it would appear that their natural diet was relatively highly digestible but had a fairly high fibre content. The raw material selection was carefully chosen in an attempt to mimic these nutritional parameters.
- ÿ The diet is manufactured as an 4 mm diameter cube 5 - 12 mm long.
- ÿ Packaging is in 20 Kg woven polyethylene bags.

#### Calculated Nutritional parameters

Protein	32 %
Total Fat	10 %
Crude Fibre	10 %
Neutral Detergent Fibre	17 %
Acid Detergent Fibre	12.5 %
Digestible Energy	12.1 MJ / Kg
Calcium	1.0 %
Phosphorous	0.7 %

#### FEEDING RECOMMENDATIONS

Feed as a supplementary feed with good quality roughage.

#### DIET FORM

Manufactured as a 4 mm diameter pellet and packed in 20 Kg bags.

#### Ingredients

A fixed formula ration including:  
Lupins, Soya meal, Canola meal, Lucerne,  
Vegetable oil, Skim milk, Meat meal, Wheat  
Gluten, Magnesium oxide, Salt, and a vitamin  
/ trace mineral premix.

Added Trace Minerals	
Iron	70 mg / Kg
Copper	16 mg / Kg
Iodine	0.5 mg / Kg
Manganese	70 mg / Kg
Zinc	60 mg / Kg
Molybdenum	0.5 mg / Kg
Selenium	0.02 mg / Kg
Iron	70 mg / Kg

Calculated Amino Acids	
Valine	1.4 %
Leucine	2.4 %
Isoleucine	1.3 %
Threonine	1.2 %
Methionine	0.4 %
Cystine	0.4 %
Lysine	1.6 %
Phenylalanine	1.7 %
Tyrosine	1.0 %
Tryptophan	0.4 %

Calculated Total Minerals	
Calcium	1.0 %
Phosphorous	0.7 %
Magnesium	0.2 %
Sodium	0.2 %
Potassium	1.2 %
Sulphur	0.2 %
Iron	240 mg / Kg
Copper	24 mg / Kg
Iodine	0.5 mg / Kg
Manganese	100 mg / Kg
Cobalt	no data
Zinc	90 mg / Kg
Molybdenum	0.5 mg / Kg
Selenium	0.4 mg / Kg
Cadmium	no data
Chromium	no data

Added Vitamins	
Vitamin A (Retinol)	10,000 IU / Kg
Vitamin D3 (Cholecalciferol)	1,500 IU/Kg
Vitamin E ( $\alpha$ Tocopherol acetate)	175 mg / Kg
Vitamin K (Menadione)	2 mg / Kg
Vitamin B1 (Thiamine)	37 mg / Kg
Vitamin B2 (Riboflavin)	6 mg / Kg
Niacin (Nicotinic acid)	25 mg / Kg
Vitamin B6 (Pyridoxine)	6 mg / Kg
Calcium Pantothenate	20 mg / Kg
Biotin	100 ug / Kg
Folic acid	2 mg / Kg
Vitamin B12 (Cyanocobalamin)	30 ug / Kg

Calculated Total Vitamins	
Vitamin A (Retinol)	69,000 IU / Kg
Vitamin D3 (Cholecalciferol)	> 2,000 IU / Kg
Vitamin E (Tocopherol)	200 mg / Kg
Vitamin K (Menadione)	4 mg / Kg
Vitamin C (Ascorbic acid)	no data
Vitamin B1 (Thiamin)	40 mg / Kg
Vitamin B2 (Riboflavin)	11 mg / Kg
Niacin (Nicotinic acid)	50 mg / Kg
Vitamin B6 (Pyridoxine)	9 mg / Kg
Pantothenic acid	31 mg / Kg
Biotin	250 ug / Kg
Folic acid	2.5 mg / Kg
Inositol	no data
Vitamin B12 (Cyanocobalamin)	30 ug / Kg
Choline	1400 mg / Kg

<b>Calculated Fat Composition</b>	
Myristic Acid 14:0	0.01 %
Palmitic Acid 16:0	0.6 %
Stearic Acid 18:0	0.3 %
Palmitoleic Acid 16:1 n7	0.02 %
Oleic Acid 18:1	5.4 %
Gadoleic Acid 20:1 n9	0.1 %
Linoleic Acid 18:2 n6	1.9 %
a Linolenic Acid 18:3 n3	0.9 %
Arachadonic Acid 20:4 n6	trace
EPA 20:5 n3	trace
DHA 22:6 n3	trace
Total Carotenoid	no data
Total Phospholipid	no data
Cholesterol	trace

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 CONTAINS RESTRICTED ANIMAL MATERIAL- DO NOT FEED TO CATTLE, SHEEP, GOATS, DEER, OR ANY OTHER RUMINANTS.**