



## Diet

### High Fibre Low Starch Rabbit Pellets

A diet for Laboratory Rabbits fortified with vitamins and minerals to meet the requirements of these animals after the diet is autoclaved or irradiated.

- **Formulation change November 2007**
- Proximal nutrient composition has been kept very similar to the old ration, some vitamin levels have been increased. The new formulation contains less Lucerne chaff and more oaten chaff.
- If the diet is to be autoclaved, the recommended conditions are: Autoclave at 120° C for 20 minutes with a post autoclaving vacuum drying cycle. Some clumping of the diet can be expected, but the diet clumps can usually be easily broken. Modifying the drying time to leave some residual moisture in the diet can minimise the clumping. Do not autoclave at 135° C as this will result in significant clumping that will be difficult to break.

#### Calculated Nutritional Parameters

Protein	16.40%
Total Fat	7.60%
Crude Fibre	19.10%
Neutral Detergent Fibre	30.50%
Acid Detergent Fibre	24.00%
Digestible Energy	11 MJ / Kg
Calcium	0.70%
Phosphorous	0.60%

#### Diet Form and Features

- The diet is manufactured as a 4 mm diameter pellet, 4 - 10 mm long.
- Pack size 4.5 Kg, vacuum packed under nitrogen in oxygen impermeable plastic bags. Bags are packed into cardboard cartons to protect them during transit.
- 10, 15 or 20 Kg woven polyethylene bags suitable for direct loading into an autoclave.
- Diet suitable for irradiation, also suitable for autoclave.
- Lead time 2 weeks for non-irradiation or 4 weeks for irradiation.

#### Ingredients

A Fixed formula ration using the following ingredients:

Wheaten chaff, Lucerne, Wheat bran, Wheat, Lupins, Oats, Soya bean meal, Canola meal, Vegetable oils, Fish oil, DL Methionine, Dicalcium phosphate, Calcium hydroxide, Sodium chloride, and a Vitamin and trace mineral premix.

Diet is free of synthetic antioxidants.

#### Feeding Recommendations

Feed is designed to be fed ad-lib to animals of all ages, as a complete diet.

Added Vitamins	
Vitamin A (Retinol)	12 000 IU/Kg
Vitamin E (a Tocopherol acetate)	50 mg/Kg
Vitamin K (Menadione)	3 mg/Kg
Vitamin B1 (Thiamine)	10 mg/Kg
Vitamin B2 (Riboflavin)	15 mg/Kg
Niacin (Nicotinic acid)	40 mg/Kg
Vitamin B6 (Pryridoxine)	20 mg/Kg
Calcium Pantothenate	15 mg/Kg
Biotin	250 ug/Kg
Folic Acid	3 mg/Kg
Vitamin B12 (Cyanocobalamin)	50 ug/Kg
Choline	500 mg/Kg

Added Trace Minerals	
Iron	30 mg/Kg
Copper	10 mg/Kg
Iodine	1.3 mg/Kg
Manganese	67 mg/Kg
Cobalt	0.5 mg/Kg
Zinc	50 mg/Kg
Selenium	0.1 mg/Kg

Calculated Amino Acids	
Valine	0.70%
Leucine	1.20%
Isoleucine	0.70%
Threonine	0.60%
Methionine	0.30%
Cystine	0.30%
Lysine	0.80%
Phenylalanine	0.70%
Tyrosine	0.60%
Tryptophan	0.20%

Calculated Total Minerals	
Calcium	0.80%
Phosphorous	0.60%
Magnesium	0.20%
Sodium	0.20%
Potassium	1.10%
Sulphur	0.40%
Iron	232 mg/Kg
Copper	20 mg/Kg
Iodine	1.3 mg/Kg
Manganese	119 mg/Kg
Cobalt	0.6 mg/Kg
Zinc	86 mg/Kg
Molybdenum	1.2 mg/Kg
Selenium	0.3 mg/Kg
Cadmium	0.1 mg/Kg
Chromium	No data
Boron	4.1 mg/Kg

Calculated Total Vitamins	
Vitamin A (Retinol)	39 280 IU/Kg
Vitamin D (Cholecalciferol)	No data
Vitamin E (a Tocopherol acetate)	73 mg/Kg
Vitamin K (Menadione)	4.5 mg/Kg
Vitamin C (Ascorbic acid)	No data
Vitamin B1 (Thiamine)	14 mg/Kg
Vitamin B2 (Riboflavin)	18 mg/Kg
Niacin (Nicotinic acid)	71 mg/Kg
Vitamin B6 (Pryridoxine)	23 mg/Kg
Pantothenic Acid	27 mg/Kg
Biotin	390 ug/Kg
Folic Acid	3.7 mg/Kg
Inositol	None added
Vitamin B12 (Cyanocobalamin)	50 ug/Kg
Choline	2 500 mg/Kg

Calculated Fatty Acid Composition	
Myristic Acid 14:0	Trace
Palmitic Acid 16:0	0.60%
Stearic Acid 18:0	0.20%
Palmitoleic Acid 16:1	Trace
Oleic Acid 18:1	2.90%
Gadoleic Acid 20:1	0.07%
Linoleic Acid 18:2 n6	1.80%
a Linolenic Acid 18:3 n3	0.50%
Arachadonic Acid 20:4 n6	Trace
EPA 20:5 n3	0.10%
DHA 22:6 n3	0.10%
Total n3	0.6.1%
Total n6	1.81%
Total Carotenoid	No data
Total Phospholipid	Trace
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 emphasise that these diets have been specifically designed for manufacture by Specialty Feeds.

**This Feed Stuff Does Not Contain Restricted Animal Products.**