

## Dog Diet A

*Expanded and Expanded Ground*

### SUITABLE SPECIES AND APPLICATIONS

Dogs for breeding and maintenance. Also suitable for ferrets.

### BENEFITS

- Clean and easy to feed.
- Expanded dog diets help maintain healthy teeth and gums.

### FEEDING GUIDE

Intake should be restricted, but animals should always be fed to condition. As a rough guide, 25-30g of diet per kilo body weight should be fed daily. Fresh drinking water **MUST** be available at all times.

### AVAILABLE AS

Diet	Form	Product Code
<i>Standard</i>		
A (E)	<i>Expanded</i>	805100
<i>SQC</i>		
A (E) SQC	<i>Expanded</i>	815100
A (E) (FG) SQC	<i>Expanded Ground</i>	815102

### INGREDIENTS

Wheatfeed, Wheat, Poultry Meat Meal, Maize, Macro Minerals, De-hulled Extracted Toasted Soya, Soya Oil, Yeast, Whey Powder, Amino Acids, Micro Minerals, Vitamins.



## Calculated Analysis

NUTRIENTS			Total	Supp (9)	NUTRIENTS			Total	Supp (9)
<b>Proximate Analysis</b>					<b>Macro Minerals</b>				
Moisture (1)	%		10.00		Glutamic Acid	%		3.88	
Crude Oil	%		6.96		Proline	%		1.64	
Crude Protein	%		22.99		Serine	%		0.45	
Crude Fibre	%		3.78		Hydroxyproline	%		0.27	
Ash	%		12.28		Hydroxylysine	%		0.10	
Nitrogen Free Extract	%		43.46		Alanine	%		1.24	
<b>Digestibility Co-Efficients (7)</b>					<b>Micro Minerals</b>				
Digestible Crude Oil	%		6.32		Calcium	%		3.06	1.88
Digestible Crude Protein	%		20.29		Total Phosphorus	%		1.33	0.41
<b>Carbohydrates, Fibre and Non Starch Polysaccharides (NSP)</b>					Phytate Phosphorus	%		0.21	
Total Dietary Fibre	%		14.34		Available Phosphorus	%		1.13	0.41
Pectin	%		1.23		Sodium	%		0.49	0.34
Hemicellulose	%		9.08		Chloride	%		0.71	0.54
Cellulose	%		3.23		Potassium	%		0.64	
Lignin	%		1.55		Magnesium	%		0.22	
Starch	%		28.39		<b>Micro Minerals</b>				
Sugar	%		3.96		Iron	mg/kg		264.37	141.60
<b>Energy (5)</b>					Copper	mg/kg		13.71	2.01
Gross Energy	MJ/kg		15.17		Manganese	mg/kg		58.86	9.75
Digestible Energy	MJ/kg				Zinc	mg/kg		100.75	42.37
Metabolisable Energy (10)	MJ/kg		12.18		Cobalt	µg/kg		2668.74	2604.14
Atwater Fuel Energy (AFE) (8)	MJ/kg		13.73		Iodine	µg/kg		5091.63	4960.08
AFE from Oil	%		19.07		Selenium	µg/kg		245.77	
AFE from Protein	%		28.00		Fluorine	mg/kg		8.22	
AFE from Carbohydrate	%		52.93		<b>Vitamins</b>				
<b>Fatty Acids</b>					β-Carotene (2)	mg/kg		0.48	
Saturated Fatty Acids					Retinol (2)	µg/kg		3916.62	3660.18
C12:0 Lauric	%		0.15		Vitamin A (2)	iu/kg		13049.41	12200.61
C14:0 Myristic	%		0.29		Cholecalciferol (3)	µg/kg		61.24	61.00
C16:0 Palmitic	%		1.04		Vitamin D (3)	iu/kg		2449.79	2440.00
C18:0 Stearic	%		0.19		α-Tocopherol (4)	mg/kg		86.76	67.86
Monounsaturated Fatty Acids					Vitamin E (4)	iu/kg		95.42	74.65
C14:1 Myristoleic	%		0.01		Vitamin B <sub>1</sub> (Thiamine)	mg/kg		16.43	9.81
C16:1 Palmitleic	%		0.08		Vitamin B <sub>2</sub> (Riboflavin)	mg/kg		5.41	3.14
C18:1 Oleic	%		2.12		Vitamin B <sub>6</sub> (Pyridoxine)	mg/kg		7.09	3.93
Polyunsaturated Fatty Acids					Vitamin B <sub>12</sub> (Cyanocobalamine)	µg/kg		30.67	30.00
C18:2(ω6) Linoleic	%		1.83		Vitamin C (Ascorbic Acid)	mg/kg		0.37	
C18:3(ω3) Linolenic	%		0.24		Vitamin K (Menadione)	mg/kg		2.24	1.92
C20:4(ω6) Arachidonic	%		0.14		Folic Acid (Vitamin B <sub>9</sub> )	mg/kg		2.64	1.57
C22:5(ω3) Clupanodonic	%				Nicotinic Acid (Vitamin PP) (6)	mg/kg		94.65	33.42
<b>Amino Acids</b>					Pantothenic Acid (Vitamin B <sub>3/5</sub> )	mg/kg		21.82	6.43
Arginine	%		1.48		Choline (Vitamin B <sub>4/7</sub> )	mg/kg		1208.06	331.09
Lysine (6)	%		1.30	0.11	Inositol	mg/kg		1443.32	
Methionine	%		0.51	0.14	Biotin (Vitamin H) (6)	µg/kg		364.15	2.81
Cystine	%		0.30		<b>Notes</b>				
Tryptophan	%		0.24		1. All values are calculated using a moisture basis of 10%.				
Histidine	%		0.65		Typical moisture levels will range between 9.5 - 11.5%.				
Threonine	%		0.82		2. a. Vitamin A includes Retinol and the Retinol equivalents of β-carotene				
Isoleucine	%		0.86		b. Retinol includes the Retinol equivalents of β-Carotene.				
Leucine	%		1.57		c. 0.48 µg Retinol = 1 µg β-carotene = 1.6 iu Vitamin A activity				
Phenylalanine	%		0.92		d. 1 µg Retinol = 3.33* iu Vitamin A activity				
Valine	%		1.06		e. 1 iu Vitamin A = 0.3 µg Retinol = 0.6 µg β-carotene				
Tyrosine	%		0.68		f. The standard analysis for Vitamin A does not detect β-carotene				
Taurine	%				3. 1µg Cholecalciferol (D <sub>3</sub> ) = 40.0 iu Vitamin D				
Glycine	%		1.92		4. 1 mg all- <i>rac</i> -α-tocopherol = 1.1 iu Vitamin E activity				
Aspartic Acid	%		1.42		1 mg all- <i>rac</i> -α-tocopherol acetate = 1.0 iu Vitamin E activity				
					5. 1 MJ = 239.23 Kcalories = 239.23 Calories = 239,230 calories				
					6. These nutrients coming from natural raw materials such as cereals may have low availabilities due to the interactions with other compounds.				
					7. Based on in-vitro digestibility analysis.				
					8. AF Energy = Atwater Fuel Energy = ((CO%/100)*9000)+((CP%/100)*4000)+((NFE%/100)*4000)/239.23				
					9. Supplemented nutrients from manufactured and mined sources.				
					10. ME Dogs (NRC 85) = ((CO%/100)*8460)+((CP%/100)*3500)+((NFE%/100)*3500).				