



Nutritional Specification Sheet: Laying Hens

Nutrient Profile ¹		
Nutrient	Dry Matter	As Fed
Dry Matter, %	100	93.8
Crude Protein, %	23.1	21.7
Crude Fat, %	21.5	20.2
Crude Fiber, %	7.46	7.00
Starch, %	20.1	18.8
Ash, %	4.94	4.63
Energy Values ³		
	Dry Matter	As Fed
AME, Kcal/kg	4061	3820
AME, Kcal/lb	1842	1733
AMEn, Kcal/kg	3894	3664
Minerals ¹		
	Dry Matter	As Fed
Calcium, %	0.267	0.250
Phosphorus, %	0.565	0.530
Magnesium, %	0.320	0.300
Potassium, %	1.13	1.06
Sulphur, %	0.224	0.210
Copper, ppm	13.4	12.6
Mangenes, ppm	42.2	39.6
Zinc, ppm	48.2	45.2
Iron, ppm	436	409



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Amino Acids			
As Fed			
	% Total²	% Digestibility³	%TAAA
Methionine	0.310	84.0	0.260
Lysine	1.20	70.0	0.840
Threonine	0.820	63.0	0.517
Tryptophan	0.300	78.0	0.234
Isoleucine	0.890	71.0	0.632
Arginine	2.22	78.0	1.73
Valine	1.05	65.0	0.683
Leucine	1.50	73.0	1.095
Cystine	0.300	69.0	0.207
Histidine	0.520	45.0	0.234
Phenylalanine	1.08	51.0	0.551
Alanine	0.950	69.0	0.656
Glycine	1.06	66.0	0.700
Fatty Acids⁴			
Dry Matter			As Fed
% FA			% FA
C16:0	6.62		6.21
C18:0	3.49		3.27
C18:1	19.6		18.4
C18:2 n-6	18.7		17.5
C18:3 n-3	56.8		53.3
Total Omega-3	57.9		54.4
Total Omega-6	18.6		17.5
References			
1. Central Testing Laboratories, Ltd.		2. Cumberland Valley Analytical Services	
3. University of Saskatchewan		4. Lipid Analytical Services, Ltd	

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