

Nutrient Composition of

PASTURCHLOR®

100% Dry Matter Basis.

Dry Matter	87.00 %
Moisture	13.00 %

Protein	
Crude Protein	20.5%
RUP (%CP)	58.00%
RDP (%CP)	42.00%
Soluble Protein (CPM) (%CP)	13.80%
Unavailable Protein (CPM) (%DM)v	2.20%
ADFICP (NRC) (%DM)	2.20%
NDFICP (w/sulfite, NRC) (%DM)	6.94%
NDIP (w/o sulfite, CPM) (%DM)	10.95%
NPN (% Soluble Protein)	55.00%

Amino Acids	%CP=%RUP (NRC)
Arginine	4.67
Histidine	2.55
Isoleucine	3.82
Leucine	9.24
Lysine	2.90
Methionine	1.78
Phenylalanine	4.92
Threonine	3.53
Tryptophan	0.94
Valine	4.72

Carbohydrates	
NDF (w/sulfite, NRC)	27.92%
NDF (w/o sulfite, CPM)	35.22%
ADF	23.72%
Lignin	6.62%
NFC (NRC Method)	35.60%
NFC (CPM Method)	36.80%
Sugar	10.14%
Starch	.94%

Fat	
Crude Fat	4.9%

Minerals	
Calcium	0.52%
Phosphorus	0.36%
Magnesium	6.06%
Potassium	.73%
Sodium	0.05%
Chlorine	10.60%
Sulfur	0.32%
Copper	8 ppm
Iron	725 ppm
Manganese	76 ppm
Zinc	30 ppm
Ash	17.88%

DCAD (Na+K)-(Cl+S)	-2980 meq/kg DM
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NRC Model	
Protein – A (%CP)	8.70
Protein – B (%CP)	91.30
Protein – C (%CP)	0.00
Protein Digestion Rate (%/h)	2.4
RUP Digestibility	93%

Energy Values (NRC)	
% TDN – (undiscounted NRC)	62.20%
Metabolizable Energy – 3X	2.46 Mcal/Kg
Net Energy, Lactation – 3X	1.43 Mcal/Kg
5 Net Energy, Gain – 3X	0.90 Mcal/Kg
Net Energy, Maintenance – 3X	1.48 Mcal/Kg



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*As predicted from the NRC 2001 model with input consisting of a 650 kg Holstein cow fed 13.4 kg DM/day at 270 days gestation.