

NUTRITIONAL ANALYSIS

Item	Samples	Average	Normal Range		St. Dev
% Dry Matter	118,339	90.852	89.449	92.256	1.404
% Crude Protein	116,504	21.290	18.605	23.975	2.685
% Lignin	75,732	7.422	6.470	8.374	0.952
% Acid Detergent Fiber	115,831	30.290	26.366	34.213	3.923
% Neutral Detergent Fiber	115,894	38.788	33.552	44.024	5.236
% Crude Fiber	633	25.298	19.931	30.666	5.368
% WSC (Water Sol. Carbs.)	61,523	9.067	7.249	10.885	1.818
% ESC (Simple Sugars)	21,054	7.260	5.737	8.784	1.524
% Starch	65,185	1.947	0.943	2.951	1.004
% Non Structural Carbo. (NSC)	39,412	11.004	8.757	13.250	2.246
% Non Fiber Carbo. (NFC)	97,265	30.588	27.093	34.083	3.495
% Crude Fat	72,427	2.415	1.989	2.841	0.426
% Ash	73,135	10.628	9.166	12.090	1.462
Relative Feed Value (RFV)	115,804	160.174	132.703	187.645	27.471
% Calcium	102,793	1.540	0.000	4.943	3.404
% Phosphorus	102,798	0.276	0.226	0.325	0.049
% Magnesium	101,383	0.307	0.240	0.373	0.067
% Potassium	101,737	2.394	1.872	2.916	0.522
% Sodium	32,086	0.142	0.018	0.266	0.124
PPM Iron	30,965	362.282	26.403	698.160	335.879
PPM Zinc	30,948	28.686	0.000	1112.684	1083.998
PPM Copper	30,961	9.012	3.490	14.534	5.522
PPM Manganese	30,945	35.692	19.157	52.227	16.535
PPM Molybdenum	31,052	1.877	0.323	3.431	1.554
PPM Cobalt	125	0.371	0.000	0.834	0.463
% Sulfur	76,446	0.270	0.167	0.374	0.103
% Chloride	47,147	0.734	0.400	1.068	0.334
% Nitrate	4,696	0.074	0.000	0.186	0.112
% Nitrates	5,422	0.219	0.032	0.405	0.187
PPM Nitrate-Nitrogen	5,422	493.674	71.614	915.734	422.060
Horse DE, Mcal/Lb.	108,791	1.193	1.062	1.324	0.131
Horse TDN, %	108,791	59.664	53.111	66.216	6.553

LUCERNE CHAFF

Source: Dairy One Forage Testing Laboratory, New York USA

