



Litchfield Analytical Services

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Feeds Forages Mycotoxins Soils Plant Tissues Manure Fertilizers Lime Water

Sample Number: 5,500

Date Processed: 10/02/07

Sample Type: Corn Silage

Date Received: 09/27/07

Grower ID: Joe's Dairy Farm

Sample ID: #16

Cust#: A1

Crop Service Professionals, Inc.

Phone: 517-555-5555

P.O. Box 457

500 South Main Street

Fax: 517-555-5555

Decker

MI

49999

Attn: Joe Andrews

Email:

Feed Analysis w / Penn State Energy Values	Method	As Received	DM Basis
Moisture %	{Calc}	63.59%	0.00%
Dry Matter (DM) %	WetChem	36.41%	100.00%
Crude Protein (CP) %	NIR	2.63%	7.21%
Protein Solubility	{Calc}	25.00%	25.00%
Available Crude Protein (Available CP) %	{Calc}	2.43%	6.67%
Adjusted Crude Protein (Adjusted CP) %	{Calc}	2.63%	7.21%
Acid Detergent Fiber Crude Protein (ADF _{CP}) %	NIR	0.20%	0.55%
Lignin %	NIR	0.72%	1.97%
Acid Detergent Fiber (ADF) %	NIR	9.55%	26.23%
Neutral Detergent Fiber (NDF) %	NIR	18.34%	50.38%
Estimated Crude Fiber (CF) %	{Calc}	7.64%	20.98%
30IV Dry Matter Digestibility (30IVDM _d) %	NIR		75.00%
30IV NDF Digestibility (30IVNDF _d) %	NIR		50.38%
Non-Fiber Carbohydrate (NFC) %	{Calc}	12.53%	34.40%
Starch %	NIR	12.02%	33.01%
Ether Extract Fat (EE) %	NIR	0.84%	2.30%
Total Digestible Nutrients (TDN) %	{Calc}	25.33%	69.57%
Net Energy for Lactation (NEL) Mcal / lb	{Calc}	26.17%	0.7188
Net Energy for Maintenance (NEM) Mcal / lb	{Calc}	26.80%	0.7360
Net Energy for Gain (NEG) Mcal / lb	{Calc}	16.80%	0.4615
Ash %	NIR	1.57%	4.31%
Phosphorus (P) %	NIR	0.10%	0.26%
Calcium (Ca) %	NIR	0.05%	0.13%
Potassium (K) %	NIR	0.38%	1.04%
Magnesium (Mg) %	NIR	0.06%	0.17%