



## Litchfield Analytical Services

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Feeds Forages Mycotoxins Soils Plant Tissues Manure Fertilizers Lime Water

**Sample Number:** 114 **Date Processed:** 03/07/07  
**Sample Type:** F65 Ruminant Feed < 5% CF **Date Received:** 03/06/07  
**Grower ID:** Joe's Cattle Ranch  
**Sample ID:** Grain Mixture **Cust#:** A1  
Crop Service Professionals, Inc. Phone: 517-555-5555  
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Decker MI 49999  
Attn: Joe Andrews Email:

<b>Proximate Feed Analysis Report</b>	<b>Method</b>	<b>As Received</b>	<b>Dry Basis</b>
Moisture %	{Calc}	11.51	0.00
DM (Dry Matter) %	WetChem	88.49	100.00
CP (Crude Protein) %	WetChem	13.72	15.50
ADF (Acid Detergent Fiber) %	WetChem	2.52	2.85
CF (Crude Fiber) %	{Calc}	2.02	2.28
Crude Carbohydrates %	{Calc}	63.88	72.19
Digestible Carbohydrates %	{Calc}	57.50	64.97
Fat %	WetChem	4.33	4.89
Total Digestible Nutrients (TDN) %	{Calc}	76.92	86.93
Net Energy for Lactation NEL (Mcal / lb)	{Calc}	0.81	0.91
Net Energy for Maintenance NEM (Mcal / lb)	{Calc}	0.86	0.98
Net Energy for Gain NEG (Mcal / lb)	{Calc}	0.56	0.63
Effective Net Energy (ENE) %	{Calc}	67.51	76.29
Digestible Energy DE (Mcal / lb)	{Calc}	1.54	1.74
Metabolizable Energy (Kcal / lb)	{Calc}	1,263	1,427
Ash %	WetChem	4.54	5.13
Phosphorus (P) %	WetChem	0.59	0.67
Calcium (Ca) %	WetChem	0.58	0.65
Potassium (K) %	WetChem	0.68	0.77
Magnesium (Mg) %	WetChem	0.14	0.16
Sodium (Na) %	WetChem	0.24	0.27
Copper (Cu) ppm	WetChem	6	7
Iron (Fe) ppm	WetChem	216	245
Zinc (Zn) ppm	WetChem	25	28
Manganese (Mn) ppm	WetChem	17	20