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Lab No.: 4492		FEED ANALYSIS REPORT		Date Reported: 10/20/2021
Send To: 33974	SIOUXLAND ETHANOL 1501 KNOX BLVD JACKSON, NE 68743			
Results For: Feedstuff Description: Sample Identification: Date Received:	SIOUXLAND ETHANOL WET DISTILLERS GRAIN DDG 10/14/21 10/18/2021		 Theresa Smith Senior Analyst	
Invoice No.: PO Number:	721385 1751			
Feed Analysis Results	As Received	Vac Oven Dry Matter		
Moisture, %	53.2			
Dry Matter, %	46.8			
Crude Protein, %	15.7	33.6		
Acid Detergent Fiber, % ADF	5.6	11.9		
Crude Fat, %	2.6	5.5		
Ash, % Ash	2.7	5.7		
Total Digestible Nutrients, % TDN	37.2	79.4		
Net Energy, Maint, Mcal/lb	0.41	0.87		
Net Energy, Gain, Mcal/lb	0.27	0.58		
Net Energy, Lact, Mcal/lb	0.39	0.83		
Digestible Energy, Mcal/lb Beef D.E.	0.74	1.59		
Met. Energy, Beef, Mcal/lb	0.61	1.30		
Calcium, % Ca	0.02	0.05		
Phosphorus, % P	0.49	1.06		
Magnesium, % Mg	0.19	0.40		
Potassium, % K	0.66	1.41		
Sulfur, % S	0.17	0.37		


The reported analytical results apply only to the sample as it was supplied.
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Feed Analysis Results	As Received	Vac Oven Dry Matter
Sodium, % Na	0.027	0.057
Zinc, mg/kg Zn	35	76
Iron, mg/kg Fe	43	91
Manganese, mg/kg Mn	10	22
Copper, mg/kg Cu	4	9
Total Starch (Megazyme), %	1.3	2.8
<p>MOISTURE (VACUUM OVEN): Determined at 60 degrees C under vacuum according to Method G-17 in <i>Analytical Methods of the Member Companies of the Corn Refiners Association, Inc.</i></p> <p>To convert results reported in percent (%) to parts per million (ppm), multiply the % result by 10,000.</p> <p>Total starch by enzymatic hydrolysis was determined using Megazyme amyloglucosidase enzyme. Please call the laboratory if you have questions.</p>		