

**DAKOTA ETHANOL**

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**Dry Distillers Grain w/Solubles "DDGS"**

**2022 Average Analysis**

	<b>As Fed</b>	<b>Dry Wt</b>
<b>Moisture (%)</b>	10.61	///
<b>Dry Matter (%)</b>	89.38	///
<b>Crude Protein (%)</b>	28.99	32.42
<b>Crude Fat (%)</b>	5.65	6.32
<b>Acid Detergen Fiber (%)</b>	12.97	14.49
<b>Crude Fiber (%)</b>	7.64	8.55
<b>Neutral Detergen Fiber (%)</b>	29.60	33.10
<b>Ash (%)</b>	4.34	4.85
<b>Color</b>		57.27
<b>Total Digestible Nutrients (%)</b>	72.53	81.13
<b>Net Energy-Lactation (Mcal/lb)</b>	0.75	0.84
<b>Net Energy-Maint (Mcal/lb)</b>	0.78	0.87
<b>Net Energy-Gain (Mcal/lb)</b>	0.52	0.58
<b>Digestible Energy (Mcal/lb)</b>	1.45	1.62
<b>Metabolizable Energy (Mcal/lb)</b>	1.29	1.45
<b>Sulfur (%)</b>	0.45	0.51
<b>Phosphorus (%)</b>	0.76	0.85
<b>Potassium (%)</b>	1.07	1.20
<b>Magnesium (%)</b>	0.34	0.39
<b>Calcium (%)</b>	0.03	0.03
<b>Sodium (%)</b>	0.03	0.04
<b>Iron (ppm)</b>	77.56	86.71
<b>Maganese (ppm)</b>	18.25	20.40
<b>Copper (ppm)</b>	6.27	7.00
<b>Zinc (ppm)</b>	55.42	61.97
<b>Total Starch (%)</b>	3.26	3.65

\*These results are based on the average of samples per third party lab results\*