



## DDGS Quality Results

Quality	Sep 2019	Oct 2019	Nov 2019	Avg	Unit
Crude Protein	30.64	30.79	31.73	31.00	m/m%
Crude Fat	6.23	6.79	6.60	6.58	m/m%
Moisture	11.51	11.59	11.31	11.45	m/m%
NDF	35.07	32.47	31.36	32.87	%
Fiber	8.39	8.47	8.29	8.40	m/m%
ADF	10.66	11.31	10.52	10.96	m/m%
Ash	4.87	4.77	4.81	4.81	m/m%
Calcium	0.02	0.02	0.02	0.02	m/m%
Copper	5.60	5.50	5.42	5.51	ppm
Iron	75.27	77.53	67.83	74.97	ppm
Potassium	1.24	1.16	1.18	1.18	m/m%
Magnesium	0.33	0.33	0.35	0.34	m/m%
Manganese	13.53	13.49	12.96	13.39	ppm
Sodium	0.02	0.05	0.03	0.04	m/m%
Phosphorus	1.00	0.96	0.94	0.96	m/m%
Sulfur	0.00	0.00	0.00	0.00	m/m%
Zinc	68.99	67.88	63.18	67.11	ppm
Hunter Color	56.47	54.92	52.92	54.82	
Digestible Energy	1.59	1.55	1.60	1.58	Mcal/lb
Metabolizable Energy	1.31	1.32	1.33	1.32	Mcal/lb
Net Energy Gain	0.57	0.56	0.58	0.57	Mcal/lb
Net Energy Lactation	0.79	0.78	0.79	0.78	Mcal/lb
Net Energy Maintenance	0.86	0.84	0.88	0.86	Mcal/lb
Total Digestible Nutrients	74.65	74.21	75.19	74.59	m/m%
Aflatoxin	2.65	3.80	2.97	3.15	ppb
Don	2.60	2.67	3.35	3.11	ppm
Fumonison	0.95	1.51	1.87	1.40	ppm
Zearalenone	205.00	202.50	206.67	204.55	ppb