



**MARQUIS**  
ENERGY

## DDGS Quality Results

Quality	April-20	May-20	June-20	Ave	unit
crude protein	30.12	30.28	30.58	30.32	m/m%
crude fat	7.07	7.72	7.37	7.39	m/m%
Moisture	11.40	11.28	10.98	11.22	m/m%
NDF	30.12	30.73	31.36	30.73	%
fiber	7.94	8.02	8.05	8.00	m/m%
ADF	10.58	10.41	10.32	10.44	m/m%
Ash	4.57	4.72	4.84	4.71	m/m%
calcium	0.02	0.02	0.02	0.02	m/m%
copper	5.25	5.32	5.38	5.31	ppm
iron	67.76	66.50	72.56	68.94	ppm
potassium	1.16	1.16	1.23	1.18	m/m%
magnesium	0.34	0.33	0.35	0.34	m/m%
manganese	14.05	12.51	12.45	13.00	ppm
Sodium	0.02	0.10	0.09	0.07	m/m%
phosphorus	0.93	0.94	0.97	0.95	m/m%
sulfur	0.66	0.66	0.66	0.66	m/m%
zinc	54.75	54.67	55.25	54.89	ppm
Hunter color	51.59	56.14	54.83	54.19	
Digestible Energy	1.59	1.61	1.62	1.61	Mcal/lb
Metabolizable Energy	1.33	1.36	1.35	1.34	Mcal/lb
Net Energy Gain	74.89	75.69	75.92	75.50	Mcal/lb
Net Energy Lactation	0.79	0.80	0.80	0.79	Mcal/lb
Net Energy Maintenance	0.58	0.59	0.59	0.59	Mcal/lb
Total Digestible Nutrients	0.87	0.88	0.88	0.88	m/m%
aflatoxin	N.D.	N.D.	N.D.	N.D.	ppb
DON	3.12	3.29	3.30	3.24	ppm
Fumonison	1.43	1.48	2.40	1.77	
Zearalenone	207.50	250.00	405.87	287.79	