



2017 SILAGE ANALYSIS – BEEF

Hybrid Family	Year	Tons / Acre	% Dry Matter	% Crude Protein	% NDF	% Fat	% Ash	NEm Mcal / lb	NEg Mcal / lb	Daily Dry Matter Intake	Daily Gain	Beef per Acre	\$ / lb Beef	\$ / ton Wet	\$ / ton Dry Matter
W1556RIB	2017	17.8	39.6	6.4	32.6	3.1	4.5	0.79	0.51	22.5	3.2	1978.8	0.34	33.67	84.95
W1746RIB	2017	17.0	35.5	6.8	33.9	3.0	4.7	0.78	0.50	22.6	3.2	1684.1	0.39	35.36	99.72
W1780	2017	16.9	37.1	6.2	35.8	2.8	4.4	0.77	0.49	22.7	3.1	1728.8	0.38	35.47	95.50
W1796RIB	2017	16.9	35.8	6.9	36.4	2.7	4.9	0.76	0.48	22.7	3.1	1675.1	0.39	35.51	99.09
W1886RIB	2017	18.8	38.8	6.4	33.6	2.8	4.6	0.78	0.50	22.6	3.2	2036.9	0.33	31.89	82.23
W1968RIB	2017	16.6	34.1	7.1	35.5	3.1	4.8	0.77	0.49	22.6	3.2	1580.4	0.41	36.05	105.74
W2080	2017	16.9	38.1	6.4	34.5	2.8	4.7	0.77	0.49	22.7	3.1	1786.0	0.37	35.42	93.09
W2198RIB	2017	17.6	37.7	6.4	36.3	3.1	5.1	0.76	0.48	22.7	3.1	1808.2	0.36	34.03	90.29
W2270	2017	15.9	35.4	6.2	33.9	2.9	4.8	0.77	0.50	22.6	3.1	1558.2	0.42	37.65	106.48
W2610	2017	17.4	34.6	6.6	35.4	3.0	5.0	0.76	0.49	22.7	3.1	1653.1	0.39	34.52	99.91
W3070	2017	19.9	37.7	6.6	35.1	2.5	5.3	0.76	0.48	22.7	3.1	2082.0	0.32	30.10	79.75
W3228RIB	2017	18.0	38.4	6.8	33.3	3.1	4.9	0.78	0.50	22.6	3.2	1941.3	0.34	33.27	86.59
W4190	2017	18.8	39.8	5.9	33.8	3.1	4.5	0.79	0.50	22.5	3.1	2057.8	0.33	31.94	80.26
W4790	2017	19.4	38.8	6.1	34.7	2.8	5.0	0.77	0.49	22.6	3.1	2069.7	0.32	30.88	79.57
W4960	2017	18.5	36.6	6.7	34.6	2.7	5.0	0.77	0.49	22.7	3.2	1880.0	0.35	32.46	88.78
W5440	2017	18.6	36.3	6.3	33.4	3.3	4.6	0.79	0.51	22.5	3.1	1872.9	0.35	32.23	88.88
W5510	2017	19.4	36.8	6.6	33.1	3.3	4.6	0.79	0.51	22.5	3.1	1989.2	0.33	31.01	84.35
W6198RIB	2017	20.0	38.5	6.3	32.5	3.3	4.5	0.79	0.51	22.5	3.1	2154.9	0.31	29.95	77.77
W6626RIB	2017	21.1	40.5	6.7	32.2	3.2	4.3	0.80	0.51	22.5	3.2	2418.6	0.28	28.40	70.21
W6896RIB	2017	20.4	38.1	6.5	33.0	3.3	4.1	0.80	0.52	22.4	3.1	2183.2	0.31	29.35	77.13
W6946DGRIB	2017	21.5	39.2	6.4	32.2	2.8	4.5	0.79	0.51	22.5	3.2	2369.7	0.29	27.92	71.26
W7110	2017	19.3	39.0	6.0	33.7	2.9	4.6	0.78	0.50	22.6	3.1	2080.3	0.32	31.13	79.74
W7246RIB	2017	20.6	38.3	6.6	33.5	3.1	4.7	0.78	0.50	22.6	3.2	2203.6	0.30	29.14	76.06
W7450	2017	23.1	38.5	6.6	36.9	3.1	4.7	0.76	0.48	22.7	3.1	2424.8	0.28	26.01	67.64

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Hybrid Family		Tons / Acre	% Dry Matter	% Crude Protein	% NDF	% Fat	% Ash	NEm Mcal / lb	NEg Mcal / lb	Daily Dry Matter Intake	Daily Gain	Beef per Acre	\$ / lb Beef	\$ / ton Wet	\$ / ton Dry Matter
W7576RIB	2017	20.2	37.2	6.7	35.1	3.0	4.5	0.78	0.50	22.6	3.1	2081.9	0.32	29.75	80.05
W7690	2017	19.5	36.2	6.5	35.9	2.7	4.8	0.76	0.49	22.7	3.1	1942.6	0.34	30.74	85.02
W7730	2017	22.0	38.2	6.5	34.5	3.1	4.3	0.78	0.50	22.6	3.1	2333.6	0.29	27.33	71.48
W7800	2017	21.9	39.1	6.3	33.2	3.2	4.1	0.79	0.51	22.5	3.1	2394.8	0.28	27.38	70.03
W7888RIB	2017	20.0	37.6	6.5	35.8	3.3	4.4	0.77	0.49	22.6	3.1	2068.9	0.32	29.93	79.70
W7976RIB	2017	20.4	38.9	6.0	34.3	3.0	4.6	0.78	0.50	22.6	3.1	2187.9	0.31	29.35	75.44
W8268RIB	2017	20.7	37.7	6.5	33.1	3.0	4.6	0.79	0.51	22.5	3.2	2185.3	0.31	29.00	76.92
W8646RIB	2017	22.0	38.6	6.1	34.8	3.1	4.7	0.78	0.50	22.6	3.1	2320.9	0.29	27.32	70.84
W8910	2017	19.6	36.4	7.0	36.6	3.0	4.8	0.76	0.49	22.7	3.1	1974.5	0.33	30.58	84.01

NDF (Neutral Detergent Fiber) — Total fiber content, cellulose, hemicellulose, and lignin. Lower value is better.

NEm (Net Energy for maintenance) — Estimate of the energy value of feed used to keep an animal in energy equilibrium. Calculated in Mega calories per pound.

NEg (Net Energy for gain) — Estimate of the energy value of feed used for weight gain. Energy above maintenance. Calculated in Mega calories per pound.

Beef per acre — Projected quantity of beef produced per acre with each hybrid family.

\$/lb Beef — Cost of producing a pound of beef with each hybrid family. Calculated using production cost of \$600/acre.

\$/ton Wet — Cost per ton of feed produced as fed. Calculated using production cost of \$600/acre.

\$/ton Dry Matter — Cost per ton of dry matter produced. Calculated using production cost of \$600/acre.