



2016 SILAGE ANALYSIS – BEEF

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
W1528RIB	20.4	39.4	5.7	43.4	2.5	5.3	0.68	0.41	23.1	1.8	1232.9	0.49	29.5	74.8
W1556RIB	20.9	46.0	5.4	43.2	2.5	4.8	0.70	0.42	23.1	1.7	1415.9	0.42	28.7	62.3
W1690	23.7	36.7	5.4	45.0	2.3	5.0	0.68	0.41	23.1	1.7	1283.4	0.47	25.4	69.1
W1806RIB	23.3	39.3	6.4	36.5	2.8	4.9	0.75	0.48	22.8	2.0	1583.8	0.38	25.7	65.6
W1818RIB	25.1	37.7	6.2	41.4	2.6	5.1	0.71	0.44	23.0	1.9	1588.5	0.38	23.9	63.4
W1846RIB	26.2	39.5	5.9	39.0	2.7	4.8	0.73	0.46	22.9	1.8	1666.9	0.36	22.9	57.9
W1968RIB	26.9	38.9	6.3	39.9	2.9	5.2	0.73	0.45	22.9	2.0	1787.4	0.34	22.3	57.3
W2080	21.8	40.4	6.0	38.6	2.7	5.0	0.73	0.46	22.9	1.9	1426.1	0.42	27.5	68.2
W2198RIB	27.8	34.9	6.0	40.5	3.1	4.8	0.73	0.45	22.9	1.9	1569.1	0.38	21.6	61.9
W2270	24.6	41.5	5.6	33.1	3.0	4.3	0.78	0.50	22.6	1.7	1546.0	0.39	24.4	58.9
W2308RIB	26.4	37.9	5.8	40.2	2.7	4.6	0.73	0.45	22.9	1.8	1571.6	0.38	22.7	59.9
W2488RIB	22.7	39.0	6.0	39.3	2.6	5.1	0.72	0.45	23.0	1.8	1429.6	0.42	26.4	67.6
W2618RIB	26.2	39.4	6.5	34.6	2.6	5.2	0.76	0.48	22.7	2.0	1796.8	0.33	22.9	58.1
W3076RIB	28.3	40.2	5.6	35.3	2.6	4.1	0.76	0.48	22.7	1.7	1733.6	0.35	21.2	52.6
W3228RIB	26.3	37.6	5.7	41.8	2.8	4.9	0.71	0.44	23.0	1.8	1539.1	0.39	22.8	60.8
W4790	26.1	37.1	5.7	38.8	2.5	5.3	0.72	0.45	23.0	1.8	1500.2	0.40	23.0	61.9
W4960	29.9	35.8	6.0	36.2	3.0	4.7	0.76	0.48	22.8	1.9	1745.7	0.34	20.1	56.2
W5130	29.9	34.4	5.7	38.9	2.8	4.9	0.73	0.45	22.9	1.8	1601.5	0.37	20.0	58.2
W5440	29.8	31.6	6.0	41.1	3.0	5.2	0.72	0.45	23.0	1.9	1520.7	0.39	20.1	63.7
W6198RIB	30.5	38.1	5.8	33.3	3.0	4.0	0.79	0.51	22.5	1.8	1838.4	0.33	19.7	51.6
W6480	28.9	35.6	6.1	37.9	2.9	4.6	0.74	0.47	22.8	1.9	1704.6	0.35	20.8	58.4
W6626RIB	29.2	38.3	5.6	40.4	2.7	4.5	0.72	0.44	23.0	1.8	1714.6	0.35	20.5	53.7
W6946DGRIB	30.5	36.1	6.0	35.4	2.8	4.5	0.76	0.48	22.7	1.8	1779.7	0.34	19.7	54.4
W7110	29.6	36.5	5.6	36.5	2.9	4.2	0.76	0.48	22.8	1.7	1642.5	0.37	20.3	55.6

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W7158RIB	30.9	34.8	6.0	36.6	3.1	4.3	0.77	0.49	22.7	1.8	1736.9	0.35	19.4	55.9
W7246RIB	29.2	42.2	5.7	35.2	2.8	4.1	0.76	0.48	22.7	1.8	1907.0	0.31	20.6	48.8
W7456RIB	31.0	37.0	6.0	39.1	2.8	4.3	0.73	0.46	22.9	1.8	1853.0	0.32	19.3	52.3
W7508RIB	29.1	37.3	6.2	39.6	2.7	4.4	0.73	0.45	22.9	1.9	1820.1	0.33	20.7	55.3
W7696RIB	30.3	34.8	5.9	42.5	2.6	4.8	0.70	0.43	23.1	1.8	1672.8	0.36	19.8	57.0
W7730	30.6	35.9	6.1	39.3	2.7	4.3	0.73	0.46	22.9	1.9	1821.6	0.33	19.6	54.5
W7806RIB	29.2	39.9	6.2	33.7	3.3	4.1	0.77	0.50	22.6	1.9	1955.7	0.31	20.6	51.6
W7888RIB	29.9	38.0	6.0	35.8	3.2	3.9	0.77	0.49	22.7	1.8	1847.2	0.32	20.1	52.9
W8268RIB	28.6	36.5	5.9	34.8	2.8	4.4	0.76	0.48	22.7	1.8	1656.5	0.36	21.0	57.5
W8918RIB	27.5	36.8	6.3	38.3	3.0	4.4	0.74	0.47	22.8	1.9	1721.8	0.35	21.8	59.2

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.