WYFFELS HYBRIDS

2023 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
W1306RIB	2023	26.3	42.97	7.13	31.84	2.45	3.44	0.74	0.47	22.86	3.12	3082	$0.24	$24.75	$57.60
W1548RIB	2023	32.3	37.73	7.62	31.88	2.32	3.72	0.73	0.46	22.92	3.05	3239	$0.23	$20.15	$53.41
W1758RIB	2023	32.3	40.05	7.38	30.66	2.66	3.38	0.75	0.47	22.81	3.15	3564	$0.21	$20.16	$50.33
W1826RIB	2023	30.1	40.42	7.34	31.36	2.45	3.45	0.74	0.46	22.89	3.07	3270	$0.23	$21.56	$53.34
W1988RIB	2023	31.4	41.35	7.16	28.54	2.83	3.18	0.77	0.49	22.68	3.25	3717	$0.21	$20.70	$50.06
W1996RIB	2023	30.0	40.17	6.88	31.52	2.31	3.17	0.74	0.47	22.88	3.10	3264	$0.23	$21.66	$53.93
W2230	2023	28.2	44.27	7.10	29.00	2.44	3.02	0.76	0.49	22.73	3.24	3559	$0.21	$23.06	$52.09
W2440	2023	30.6	43.62	7.09	29.06	2.45	3.13	0.75	0.48	22.79	3.17	3720	$0.21	$21.21	$48.63
W2500	2023	31.8	40.08	6.73	30.75	2.40	3.15	0.74	0.47	22.86	3.12	3483	$0.22	$20.43	$50.96
W2595RIB	2023	29.1	42.64	7.13	32.08	2.60	3.37	0.74	0.47	22.84	3.14	3411	$0.22	$22.33	$52.38
W2629RIB	2023	28.8	41.50	7.57	28.13	2.73	3.47	0.76	0.48	22.73	3.22	3391	$0.22	$22.55	$54.34
W2648RIB	2023	27.8	44.03	7.21	29.77	2.73	2.99	0.76	0.48	22.74	3.21	3461	$0.22	$23.37	$53.09
W2656RIB	2023	31.2	41.91	7.62	30.06	2.77	3.08	0.75	0.48	22.79	3.19	3660	$0.21	$20.84	$49.74
W3286RIB	2023	28.6	42.60	7.32	30.23	2.62	3.27	0.74	0.47	22.84	3.14	3357	$0.22	$22.72	$53.33
W3309RIB	2023	30.2	42.25	7.23	29.15	2.69	3.11	0.76	0.48	22.73	3.22	3619	$0.21	$21.51	$50.91
W3576RIB	2023	31.9	44.08	7.58	26.64	3.05	2.79	0.79	0.51	22.50	3.40	4253	$0.18	$20.35	$46.17
W3579RIB	2023	35.2	42.72	7.57	30.92	2.63	3.28	0.74	0.47	22.86	3.12	4102	$0.19	$18.49	$43.28
W4025RIB	2023	29.6	42.71	7.54	30.25	2.67	3.26	0.76	0.48	22.73	3.20	3558	$0.21	$21.98	$51.46
W4190	2023	27.1	47.24	6.92	30.87	2.80	3.02	0.78	0.50	22.62	3.30	3729	$0.21	$23.99	$50.79
W4240	2023	28.1	47.38	7.57	29.33	2.76	3.11	0.76	0.48	22.73	3.22	3773	$0.20	$23.10	$48.76
W4358RIB	2023	29.9	42.53	6.97	29.11	2.73	2.97	0.77	0.49	22.69	3.25	3643	$0.21	$21.74	$51.12
W5019RIB	2023	31.3	41.62	7.94	28.63	2.72	3.21	0.75	0.48	22.77	3.22	3678	$0.20	$20.77	$49.91
W5080	2023	30.9	40.93	7.70	29.22	2.81	3.20	0.77	0.50	22.66	3.30	3680	$0.20	$21.06	$51.45
W5086RIB	2023	27.8	46.78	7.49	25.01	2.64	2.83	0.78	0.50	22.58	3.36	3860	$0.20	$23.42	$50.06
W5406RIB	2023	30.1	42.79	7.47	30.38	2.70	3.25	0.76	0.48	22.76	3.20	3623	$0.21	$21.57	$50.40
W5778RIB	2023	31.6	41.60	7.43	29.77	2.55	3.37	0.74	0.47	22.84	3.14	3622	$0.21	$20.56	$49.43
W6215RIB	2023	31.0	43.36	7.32	28.29	2.98	2.99	0.77	0.50	22.64	3.30	3924	$0.20	$20.95	$48.31

2023 GRAIN 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
W6408RIB	2023	32.8	41.28	7.55	28.44	2.69	3.09	0.77	0.49	22.69	3.27	3895	$0.20	$19.82	$48.03
W6820	2023	32.3	46.00	7.54	27.57	2.88	2.75	0.77	0.50	22.68	3.31	4328	$0.18	$20.15	$43.81
W6886RIB	2023	36.1	41.85	7.28	28.85	2.79	3.04	0.75	0.48	22.77	3.20	4241	$0.18	$18.00	$43.00
W6935RIB	2023	34.3	43.82	8.10	28.44	2.45	3.44	0.74	0.47	22.84	3.12	4113	$0.19	$18.95	$43.25
W7048RIB	2023	31.6	41.64	7.75	29.03	2.85	3.27	0.76	0.49	22.74	3.23	3735	$0.20	$20.58	$49.42
W7208RIB	2023	36.5	42.18	8.06	31.86	2.52	3.68	0.72	0.45	22.99	2.97	3985	$0.19	$17.79	$42.18
W7450	2023	34.4	45.67	7.85	27.61	2.87	3.01	0.75	0.48	22.79	3.19	4399	$0.18	$18.90	$41.38
W7510	2023	30.5	41.73	7.60	28.34	2.42	3.04	0.74	0.46	22.88	3.08	3428	$0.22	$21.28	$51.00
W7536DGRIB	2023	33.0	44.45	7.64	28.10	2.30	3.23	0.74	0.47	22.89	3.09	3959	$0.19	$19.68	$44.27
W7726RIB	2023	33.3	42.36	7.57	29.71	2.93	3.15	0.75	0.48	22.78	3.21	3972	$0.19	$19.53	$46.12
W7759RIB	2023	35.5	40.43	7.51	30.69	2.94	3.25	0.74	0.47	22.84	3.14	3950	$0.19	$18.32	$45.33
W7876RIB	2023	33.5	44.88	7.53	26.50	2.79	2.98	0.77	0.50	22.64	3.32	4408	$0.18	$19.39	$43.21
W7878RIB	2023	33.1	42.69	8.46	27.03	3.08	3.30	0.78	0.51	22.56	3.40	4261	$0.18	$19.63	$45.99
W7888RIB	2023	35.0	40.29	7.80	30.14	2.67	3.29	0.73	0.46	22.92	3.05	3757	$0.20	$18.55	$46.04
W7945RIB	2023	37.0	38.47	7.72	31.74	2.70	3.41	0.74	0.47	22.88	3.10	3852	$0.20	$17.58	$45.69
W8086RIB	2023	32.3	44.79	7.14	28.27	2.38	3.04	0.74	0.47	22.84	3.14	3979	$0.20	$20.15	$44.99
W8108RIB	2023	33.9	43.35	7.82	30.24	2.93	3.24	0.75	0.48	22.81	3.17	4078	$0.19	$19.19	$44.27
W8306RIB	2023	34.5	44.50	7.09	27.65	2.71	2.91	0.76	0.49	22.71	3.23	4370	$0.18	$18.85	$42.36
W8910	2023	34.6	43.02	7.88	29.59	2.50	3.38	0.74	0.47	22.86	3.10	4040	$0.19	$18.78	$43.65
W8930	2023	34.4	41.20	7.77	30.06	2.60	3.43	0.72	0.45	22.95	3.00	3707	$0.20	$18.89	$45.85
W9218RIB	2023	37.7	41.84	7.53	28.13	2.86	3.19	0.75	0.48	22.77	3.20	4429	$0.18	$17.23	$41.19

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 poind.

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.

NOTE: Hybrids shown represent the entire genetic family package. Hybrids with the same base genetics will exhibit similar performance.
Feed values may vary due to environmental conditions or specific crop management practices.

FORAGE TEST: Dairyland Lab. FORAGE SOURCE: Wyffels Research Micro-Strip Test Sites in Illinois and Iowa, 2023. Minimum of 12 replications per hybrid per year.