



# 2016 SILAGE ANALYSIS – DAIRY

HYBRID FAMILY	Milk per ton	Dry Matter Tons/ Acre	Milk Lbs/ Acre	Mois	Dry Matter	ADF	aNDF	NDFD48	IVTDMD	AD-ICP	Soluble Protein	Adj CP	Lignin	Starch	NFC	NEL SSCSE proc	NEL SSCSE unproc	NEG SSCSE	TDN SSCSE
W1528RIB	2951.7	8.0	24,251.5	60.6	39.4	29.0	43.4	52.3	79.4	0.66	22.7	5.5	4.2	36.1	44.8	68.8	65.2	41.3	63.5
W1556RIB	2984.5	9.6	28,965.5	54.0	46.0	28.2	43.2	55.3	81.2	0.63	23.8	5.2	4.0	37.1	45.7	70.3	65.3	42.5	63.5
W1690	3198.0	8.7	27,888.5	63.3	36.7	29.6	45.0	54.2	79.8	0.61	23.8	5.3	4.1	33.8	43.9	71.1	68.7	41.3	66.6
W1806RIB	3478.3	9.2	31,853.8	60.7	39.3	23.5	36.5	56.9	84.7	0.60	21.9	6.4	3.1	41.4	50.7	76.9	72.7	47.8	70.2
W1818RIB	3210.8	9.5	30,674.3	62.3	37.7	26.9	41.4	54.5	81.5	0.59	23.5	6.2	3.7	35.9	46.3	72.4	68.9	43.8	66.8
W1846RIB	3287.3	10.4	34,173.5	60.5	39.5	25.5	39.0	53.9	82.6	0.57	21.4	5.9	3.6	37.9	49.0	74.1	70.2	45.5	67.9
W1968RIB	3448.2	10.5	35,716.3	61.1	38.9	25.9	39.9	56.1	82.9	0.61	22.6	6.3	3.5	36.6	47.3	74.5	72.4	45.3	69.9
W2198RIB	3485.0	9.7	33,719.5	65.1	34.9	26.3	40.5	54.6	82.0	0.58	22.7	6.0	3.6	36.8	47.2	74.6	73.1	45.4	70.6
W2270	3443.7	10.2	35,087.5	58.5	41.5	21.1	33.1	56.8	86.0	0.50	22.0	5.6	2.9	46.0	55.1	77.9	72.2	50.0	69.7
W2308RIB	3382.7	10.0	33,918.7	62.1	37.9	25.8	40.2	55.7	82.5	0.56	24.2	5.8	3.5	38.1	48.1	74.6	71.4	45.4	69.0
W2488RIB	3291.3	8.9	29,268.2	61.0	39.0	25.3	39.3	56.3	83.0	0.57	23.8	5.9	3.5	38.6	48.5	73.8	69.9	45.0	67.7
W2618RIB	3524.0	10.3	36,437.0	60.6	39.4	22.5	34.6	58.3	85.9	0.52	27.3	6.5	3.1	42.3	52.3	77.5	73.2	48.1	70.7
W3076RIB	3379.7	11.4	38,500.0	59.8	40.2	22.8	35.3	53.9	84.2	0.53	24.0	5.6	3.3	44.0	53.5	76.2	71.6	48.3	69.2
W3228RIB	3315.3	9.9	33,106.0	62.4	37.6	27.0	41.8	55.3	81.6	0.60	24.2	5.7	3.7	35.8	46.3	73.3	70.4	44.1	68.1
W4790	3380.8	9.7	32,805.0	62.9	37.1	25.7	38.8	55.1	83.0	0.58	26.8	5.7	3.6	38.7	49.1	74.4	71.5	44.8	69.1
W4960	3659.7	10.7	39,113.0	64.2	35.8	23.2	36.2	55.9	84.5	0.57	24.8	6.0	3.3	41.3	51.5	78.1	75.7	47.8	72.8
W5130	3524.0	10.3	36,342.7	65.6	34.4	25.7	38.9	54.7	82.8	0.63	26.4	5.6	3.7	37.6	49.1	75.3	73.7	45.4	71.1
W5440	3729.5	9.4	35,572.8	68.4	31.6	26.2	41.1	60.1	83.9	0.59	24.0	5.9	3.4	34.5	46.5	76.7	76.2	44.9	73.3
W6198RIB	3621.8	11.6	42,387.0	61.9	38.1	21.1	33.3	56.5	86.0	0.52	26.3	5.8	3.0	44.2	54.9	79.8	76.0	50.5	73.1
W6626RIB	3183.5	11.2	35,248.8	61.8	38.3	26.9	40.4	51.2	80.6	0.61	22.8	5.5	4.0	38.3	48.2	71.6	69.0	44.5	66.8
W6946DG	3576.7	11.0	39,518.5	63.9	36.1	22.9	35.4	55.4	84.4	0.53	25.2	5.9	3.3	42.6	52.5	77.0	74.5	48.2	71.8

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W7110	3692.8	10.3	38,298.2	64.7	35.3	22.3	35.2	55.2	84.6	0.54	23.3	5.9	3.2	41.7	52.8	78.3	76.3	48.8	73.4
W7158RIB	3851.7	10.7	41,263.7	65.2	34.8	22.8	36.6	59.4	85.5	0.56	25.2	6.0	3.1	39.2	51.3	79.8	78.2	48.7	75.1
W7246RIB	3312.7	12.3	40,682.5	57.9	42.2	22.4	35.2	54.8	84.5	0.61	27.4	5.6	3.4	43.4	53.3	75.9	70.4	48.4	68.1
W7456RIB	3393.7	11.5	39,045.5	63.0	37.0	25.0	39.1	52.3	81.7	0.67	25.6	5.8	3.9	39.7	49.1	74.9	72.0	45.7	69.6
W7508RIB	3285.1	10.8	35,780.3	62.7	37.3	25.6	39.6	51.7	81.3	0.64	23.5	6.2	3.9	38.5	48.5	73.3	70.5	45.5	68.2
W7696RIB	3299.0	10.5	34,987.7	65.2	34.8	27.5	42.5	52.5	80.2	0.62	24.1	5.8	4.0	36.9	45.7	72.3	70.6	43.3	68.3
W7730	3382.3	11.0	37,245.5	64.1	35.9	25.1	39.3	51.2	81.3	0.60	24.9	6.1	3.8	39.7	48.9	74.2	72.0	45.8	69.6
W7800	3423.0	11.6	39,735.3	60.2	39.9	21.3	33.7	52.5	84.3	0.63	21.0	6.2	3.5	46.2	53.8	77.4	72.5	49.6	70.0
W7888RIB	3494.7	11.3	39,574.5	62.0	38.0	22.5	35.8	52.2	83.3	0.60	21.0	6.0	3.5	43.5	52.3	77.2	73.6	48.7	71.0
W8268RIB	3596.5	10.4	37,642.5	63.5	36.5	21.9	34.8	54.3	84.5	0.58	21.7	5.8	3.3	44.2	53.3	77.9	74.9	48.5	72.2
W8918RIB	3448.8	10.1	35,125.8	63.2	36.8	24.4	38.3	52.3	82.1	0.62	21.8	6.3	3.7	39.7	49.4	75.8	72.9	46.8	70.4

**ADF** (Acid Detergent Fiber) — Contains lignin, cellulose and pectin. Used to predict energy content. Lower value is better.

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

**NDFd 48** (Neutral Detergent Fiber) — In-vitro digestibility of whole plant. Higher value is better.

**IVTDM 48** (In-Vitro True Dry Matter Digestibility) — Laboratory rumen digestibility procedure run for 48 hours. Higher value is better.

**AD-ICP** (Acid Detergent Insoluble Crude Protein) — Amount of forage protein that is indigestible.

**NFC** (Nonfibrous Carbohydrate)

**N.E.L. SSCSE** (Net Energy Lactation–Schwab/Shaver corn silage evaluation processed) — Silage is ground and kernel fractured for evaluation. Higher value is better.

**NEG SSCSE** (Net Energy for Gain - Schwab/Shaver corn silage evaluation method)

**TDN SSCSE** (Total Digestible Nutrients - Schwab/Shaver corn silage evaluation method) — Energy content of feed as a sum of the digestibilities of different nutrients.

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, 2016. Minimum of 12 replications per hybrid per year.

10/31/2016