



2017 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
W1556RIB	2017	3564.5	10.8	38,277.3	60.4	39.6	20.4	32.6	56.3	86.1	0.57	28.7	6.4	2.8	46.9	54.6	78.9	74.1	50.7	71.5
W1746RIB	2017	3799.5	11.0	41,650.0	64.6	35.5	21.0	33.9	58.0	86.1	0.59	28.1	6.8	2.8	45.2	52.8	79.7	77.6	50.0	74.5
W1796RIB	2017	3695.7	10.8	40,142.7	64.2	35.8	22.5	36.4	58.0	85.1	0.56	28.1	6.9	3.0	41.9	50.6	77.9	75.9	48.1	73.1
W1886RIB	2017	3652.0	11.5	41,955.0	61.2	38.8	20.6	33.6	58.3	86.3	0.60	25.5	6.4	2.8	46.2	53.8	78.2	75.2	49.8	72.5
W1968RIB	2017	3850.5	11.0	42,285.3	65.9	34.1	21.7	35.5	58.2	85.6	0.63	28.5	7.1	2.9	42.3	50.9	79.5	78.3	49.3	75.2
W2086RIB	2017	3582.3	10.5	37,545.7	62.0	38.1	21.5	34.5	56.5	85.4	0.57	29.4	6.3	3.0	44.7	52.8	78.2	74.4	49.0	71.7
W2198RIB	2017	3620.5	11.0	39,646.0	62.3	37.7	22.9	36.3	58.1	85.2	0.54	30.4	6.4	3.0	41.3	50.5	77.4	74.8	48.3	72.0
W2270	2017	3774.2	10.3	38,876.0	64.6	35.4	21.2	33.9	57.4	85.9	0.55	30.3	6.2	2.8	44.2	53.3	79.4	77.2	49.5	74.3
W2618RIB	2017	3756.2	11.4	42,785.7	65.5	34.6	22.2	35.4	56.7	85.0	0.54	30.5	6.6	3.0	41.7	51.4	78.5	77.1	48.7	74.1
W3076RIB	2017	3502.3	12.4	43,400.3	62.3	37.7	21.9	35.1	55.1	84.6	0.56	28.0	6.6	2.9	41.2	51.6	76.4	73.3	48.2	70.8
W3228RIB	2017	3657.0	11.1	40,467.7	61.6	38.4	20.6	33.3	57.7	86.3	0.57	29.2	6.8	2.8	44.8	53.1	79.0	75.4	50.2	72.6
W4190	2017	3609.5	11.3	40,780.0	60.2	39.8	20.9	33.8	58.5	86.3	0.48	30.3	5.9	2.6	45.0	53.8	78.7	74.5	50.5	71.8
W4790	2017	3598.5	11.9	42,731.7	61.2	38.8	21.6	34.7	58.2	85.9	0.46	31.3	6.1	2.7	42.5	52.6	78.2	74.4	49.3	71.7
W4960	2017	3676.5	11.7	43,126.0	63.4	36.6	21.5	34.6	57.2	85.5	0.59	29.2	6.7	3.0	42.4	52.2	78.4	75.8	48.8	72.9
W5440	2017	3804.7	11.9	45,003.0	63.7	36.3	20.4	33.4	59.7	86.9	0.48	29.8	6.3	2.6	44.8	53.6	80.1	77.4	50.9	74.4
W5510	2017	3776.3	12.2	46,042.7	63.2	36.8	20.1	33.1	57.8	86.5	0.53	28.6	6.6	2.8	45.5	53.8	80.2	77.2	50.9	74.2
W6198RIB	2017	3688.8	12.3	45,552.7	61.5	38.5	19.6	32.5	57.6	86.6	0.51	30.3	6.3	2.7	46.9	54.8	80.1	75.9	51.3	73.0
W6626RIB	2017	3583.3	12.6	45,155.0	59.6	40.5	19.7	32.2	56.3	86.3	0.59	28.2	6.7	2.7	45.9	54.7	79.1	74.4	51.5	71.7
W6896RIB	2017	3825.5	12.7	48,348.0	62.0	38.1	19.6	33.0	60.5	87.4	0.59	27.0	6.5	2.7	46.0	54.4	81.4	77.6	51.5	74.6
W6940	2017	3643.8	13.1	47,680.0	60.8	39.2	19.6	32.2	57.5	86.6	0.50	30.0	6.4	2.5	45.3	55.1	79.7	75.2	51.3	72.4
W7110	2017	3696.0	12.2	45,128.7	62.2	37.8	20.3	33.5	56.7	85.8	0.53	29.6	6.2	2.8	43.7	54.0	79.7	76.1	50.4	73.3
W7246RIB	2017	3598.0	12.7	45,765.7	61.7	38.3	21.0	33.5	55.8	85.5	0.60	26.3	6.6	3.0	44.7	53.4	78.8	74.7	49.8	72.0

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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
W7450	2017	3514.7	14.2	49,853.3	61.6	38.5	22.7	36.9	56.6	84.5	0.63	26.6	6.5	3.2	41.1	50.2	76.9	73.3	48.2	70.7
W7576RIB	2017	3692.2	13.2	48,777.7	61.6	38.4	20.6	33.9	58.7	86.3	0.57	26.7	6.6	2.8	45.3	53.2	79.6	75.8	50.5	73.0
W7690	2017	3691.3	12.5	46,115.7	63.8	36.2	22.0	35.9	57.2	85.0	0.58	27.2	6.4	3.0	42.1	51.3	78.2	76.0	48.5	73.1
W7730	2017	3610.3	13.6	49,045.3	61.8	38.2	20.9	34.5	55.9	85.1	0.62	25.7	6.5	3.0	44.6	52.8	78.7	74.9	49.9	72.2
W7800	2017	3603.0	13.4	48,104.0	60.9	39.1	20.1	33.2	55.8	85.7	0.62	24.8	6.3	3.0	46.2	54.3	79.2	74.8	50.7	72.1
W7888RIB	2017	3602.8	12.5	44,971.0	62.4	37.6	22.0	35.8	55.4	84.4	0.59	26.3	6.4	3.1	42.4	51.4	78.0	74.9	49.4	72.1
W7976RIB	2017	3604.2	12.5	45,021.0	61.1	38.9	21.2	34.3	57.2	85.7	0.50	31.4	6.0	2.7	42.7	53.2	78.7	74.6	50.0	71.9
W8268RIB	2017	3702.2	12.9	47,681.3	62.3	37.7	20.2	33.1	57.5	86.3	0.58	26.0	6.5	2.7	44.9	54.0	79.5	76.1	50.5	73.2
W8646RIB	2017	3584.8	13.5	48,471.7	61.4	38.6	21.7	34.8	56.7	85.3	0.50	29.8	6.1	2.8	42.7	52.5	78.0	74.4	49.7	71.7
W8910	2017	3653.5	12.5	45,568.7	63.6	36.4	22.6	36.6	56.4	84.4	0.61	27.4	7.0	3.0	38.9	50.0	77.9	75.5	48.7	72.7

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.

IVTDMD 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, 2016-2017. Minimum of 12 replications per hybrid per year.

10/16/2017