

2009 forage analysis DAIRY



Test Site Averages

Brand	RM	Trait(s)	Year	% Mois.	% Dry Matter	Dry Matter Tons/A	Milk lbs per Ton	Milk lbs per Acre	ADF	NDF	NDFd 48	IVTDMD 48	Adjusted Crude Protein	N.E.L SSCSE proc
Wyffels W5051	107	VT3	2009	63.0	37.0	8.5	3397	28,833	25.5	42.8	57.8	81.9	5.9	74.0
			2008	61.0	39.0	7.8	3375	26,171	24.4	41.6	58.5	82.7	6.2	74.1
			2009	62.0	38.0	8.1	3304	26,712	26.3	44.1	57.0	81.0	5.6	72.7
Wyffels W5159	108	3000GT	2-YR AVG	61.5	38.5	8.0	3340	26,442	25.4	42.9	57.8	81.9	5.9	73.4
			2008	62.0	38.0	8.2	3268	26,821	24.7	41.6	54.7	81.1	6.6	72.6
			2009	65.3	34.7	7.3	3158	23,162	30.3	48.9	54.6	77.8	5.2	69.1
Wyffels W5641	109	VT3	2-YR AVG	63.7	36.4	7.8	3213	24,992	27.5	45.3	54.7	79.5	5.9	70.9
Wyffels W6261	109	VT3	2009	62.3	37.8	7.4	3217	23,899	27.3	45.1	55.7	80.0	5.4	71.3
Wyffels W6440	109	Non-GMO	2009	65.7	34.3	7.9	3347	26,446	28.0	46.0	57.2	80.3	5.4	72.1
			2006	63.6	36.4	9.0	3821	34,385	23.0	40.1	59.6	83.8	7.9	77.7
			2007	66.4	33.7	7.8	3511	27,441	25.5	43.1	56.7	81.2	6.9	74.7
Wyffels W6455	109	HXI/LL	2-YR AVG	65.0	35.1	8.4	3666	30,913	24.3	41.6	58.2	82.5	7.4	76.2
			2007	64.4	35.6	7.9	3519	27,787	23.5	40.3	56.7	82.5	6.9	75.7
			2008	61.9	38.1	7.6	3280	24,977	24.8	41.5	55.6	81.5	6.3	72.5
Wyffels W6526	110	VT3	2-YR AVG	63.2	36.9	7.8	3400	26,382	24.2	40.9	56.2	82.0	6.6	74.1
Wyffels W6871	110	VT3	2009	65.1	34.9	7.6	3229	24,619	28.3	46.4	55.3	79.2	5.6	70.7
			2008	64.3	35.7	8.1	3420	27,604	24.7	41.8	56.0	81.6	6.6	73.7
			2009	66.5	33.5	7.9	3355	26,470	27.7	45.8	57.2	80.3	5.9	72.1
Wyffels W7251	112	VT3	2-YR AVG	65.4	34.6	8.0	3388	27,037	26.2	43.8	56.6	81.0	6.3	72.9
Wyffels W7381	112	VT3	2008	63.6	36.4	8.2	3413	27,910	24.0	40.9	56.3	82.1	6.3	74.0
Wyffels W7644	112	HXT/LL	2008	66.0	34.0	7.5	3329	25,074	25.8	42.8	54.4	80.3	6.5	72.3
Wyffels W8253	114	VT3	2008	64.7	35.3	7.5	3379	25,393	24.9	41.4	54.6	81.3	6.3	73.2

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Wyffels	W8681	115	VT3	2008	66.7	33.3	8.0	3438	27,608	25.2	42.5	56.6	81.5	6.6	73.3
				2009	68.8	31.2	7.7	3360	25681	28.1	46.5	56.1	79.5	5.8	71.4
				2-YR AVG	67.8	32.3	7.9	3399	26,645	26.7	44.5	56.4	80.5	6.2	72.4
Wyffels	W9121	117	VT3	2008	63.7	36.3	8.1	3421	27,554	24.8	42.2	57.0	81.8	6.4	74.2
				2009	66.9	33.1	8.6	3314	28,382	28.2	46.6	55.6	79.3	6.0	71.4
				2 YR AVG	63.7	36.3	8.1	3421	27,554	24.8	42.2	57.0	81.8	6.4	74.2

FORAGE TEST: Dairyland Lab. FORAGE SOURCE: Wyffels Research Micro-Strip Test Sites in Illinois and Iowa, 2006-2007-2008-2009. Minimum of 12 replications per hybrid per year.
NOTE: Feed values may vary due to environmental conditions or specific crop management practices.

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.

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

Comparisons: Use the same year(s) when comparing data among hybrids. Later maturity hybrids generally will yield higher tonnage.