

2007 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	W3865	104	HXI/LL	2006	64.0	36.0	7.2	3695	26,845	24.8	42.3	59.1	82.6	7.6	75.8
				2005	63.2	36.9	7.4	3472	25,955	26.6	44.3	56.5	80.0	6.9	72.7
				2006	61.1	38.9	8.8	3723	32,872	23.2	39.3	58.5	83.5	7.1	76.3
Wyffels	W3945	105	HXI/LL	2-YR AVG	62.2	37.9	8.1	3598	29,414	24.9	41.8	57.5	81.8	7.0	74.5
Wyffels	X6330¹	106	YGPL/RR2	2007	63.5	36.5	8.4	3489	29,042	23.8	40.6	57.1	82.5	7.0	75.6
				2006	59.7	40.3	8.2	3790	31,243	21.6	37.4	59.3	84.7	7.2	77.3
				2007	61.8	38.2	8.0	3441	27,359	23.2	39.6	56.4	82.6	6.9	75.1
Wyffels	W5286	107	YGRW/RR2	2-YR AVG	60.8	39.3	8.1	3616	29,301	22.4	38.5	57.9	83.7	7.1	76.2
				2004	63.2	36.8	8.2	3655	30,156	23.7	39.8	56.6	82.0	7.1	75.5
				2005	63.0	37.0	7.2	3547	25,620	26.4	45.0	58.9	80.8	7.6	73.5
				2006	59.9	40.1	7.5	3814	28,468	21.7	37.8	60.2	84.9	7.5	77.5
Wyffels	W5340	107	Non-GMO	3-YR AVG	62.0	38.0	7.6	3672	28,081	23.9	40.9	58.6	82.6	7.4	75.5
				2004	69.9	30.1	6.7	3171	21,408	28.2	45.5	50.2	76.6	6.9	68.9
				2005	64.1	35.9	7.3	3683	26,741	24.9	42.7	59.2	81.9	7.8	75.6
Wyffels	W5541	109	YGCB	2-YR AVG	67.0	33.0	7.0	3427	24,075	26.6	44.1	54.7	79.2	7.4	72.3
Wyffels	X6615²	109	RR2	2007	63.2	36.9	8.6	3558	30,611	24.3	41.1	57.7	82.6	6.9	76.1
				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
Wyffels	W6521	110	YGPL/RR2	2007	64.4	35.6	7.9	3519	27,787	23.5	40.3	56.7	82.5	6.9	75.7
Wyffels	W6830	110	Non-GMO	2007	61.7	38.3	8.3	3576	29,519	24.2	41.8	59.6	83.1	7.1	77.0
				2005	61.6	38.5	7.9	3674	29,066	26.1	44.4	60.5	81.7	6.8	75.3
				2006	62.1	37.9	8.6	3857	33,334	23.2	39.6	60.9	84.4	7.0	78.1
Wyffels	W7123	111	YGCB	2-YR AVG	61.9	38.2	8.3	3766	31,200	24.7	42.0	60.7	83.1	6.9	76.7
Wyffels	W7133	112	CB/LL	2007	64.9	35.1	9.0	3610	32,482	24.0	41.1	57.7	82.5	7.0	76.3
				2006	61.2	38.9	8.9	3821	33,852	22.0	38.6	59.8	84.5	7.3	77.7
				2007	61.9	38.1	8.9	3391	30,107	23.8	40.8	55.4	81.7	6.7	74.3
Wyffels	W7389	112	YGPL	2-YR AVG	61.6	38.5	8.9	3606	31,980	22.9	39.7	57.6	83.1	7.0	76.0

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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	W7645	112	HXI/LL	2006	66.0	34.1	9.0	3758	34,050	24.4	41.4	59.2	83.0	7.3	76.8
				2007	66.7	33.3	8.2	3531	29,073	25.2	42.7	55.6	80.9	6.8	74.6
				2-YR AVG	66.4	33.7	8.6	3645	31,562	24.8	42.1	57.4	82.0	7.1	75.7
Wyffels	W8171	114	YGPL/RR2	2006	66.6	33.4	7.8	3698	28,875	25.1	42.5	58.5	82.3	7.5	75.9
Wyffels	W8251	114	YGPL/RR2	2006	66.9	33.1	7.7	3625	27,967	25.0	41.7	57.1	82.0	7.5	75.0
				2007	66.3	33.7	8.4	3577	29,911	25.2	42.4	56.5	81.5	7.0	75.1
				2-YR AVG	66.6	33.4	8.1	3601.0	28,939	25.1	42.1	56.8	81.8	7.3	75.1
Wyffels	W8365	115	CB/LL	2006	64.8	35.2	8.2	3679	30,246	24.7	42.2	57.7	82.1	7.2	75.7
				2007	65.7	34.3	7.9	3525	27,947	25.6	43.3	55.8	80.8	6.7	74.9
				2-YR AVG	65.3	34.8	8.1	3602.0	29,097	25.2	42.8	56.8	81.5	7.0	75.3
Wyffels	W8603	115	YGCB	2004	67.5	32.1	8.4	3554	29,854	26.5	43.8	56.6	80.2	6.6	73.2
				2005	71.3	28.7	7.6	3368	25,888	29.2	47.8	58.5	79.4	6.8	70.8
				2006	65.0	35.0	8.8	3861	33,837	23.7	39.9	62.3	84.8	7.0	78.0
				2007	66.7	33.3	8.7	3601	31,219	24.7	41.6	57.4	82.2	6.6	75.7
				4-YR AVG	67.6	32.3	8.4	3596	30,200	26.0	43.3	58.7	81.7	6.7	74.4
Wyffels	W9127	117	YGCB/RR2	2007	66.5	33.5	8.6	3528	30,146	25.9	43.7	56.1	80.8	6.9	74.6

FORAGE TEST: Dairyland Lab. FORAGE SOURCE: Wyffels Research Micro-Strip Test Sites in Illinois and Iowa, 2004-2005-2006-2007. 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.