

Value Plus® Grain / Silage analysis

2008 GRAIN

Variety	*		*		*		*		*		*		*		*		*		*		
	B44/B38	vpD843	vpD749	Merit 645	vpC847	C8166	Conv	vpD843	D8133	vpD843	vpD843	DK, Pio, Myc	vpD843	12 conv. corns	vpD843	6 conv. corns	vpD843	9 conv. corns	vpD843	C50	D61
Moisture	14.41	30.83	10.53	11.72	15.00	16.14	19.92	19.48	21.26	15.35	10.02	11.00 - 12.34	14.12	13.82 - 20.53	11.96	13.80 - 15.82	13.23	13.58 - 15.98	17.51	29.03	30.46
Crude Protein	7.46	10.26	10.54	9.41	10.97	11.18	7.96	9.97	6.76	8.56	10.96	8.59 - 10.38	10.34	7.61 - 9.39	10.84	8.01 - 9.36	10.69	7.60 - 9.00	10.69	10.72	8.50
Starch	72.74	61.02	64.57	73.85	65.77	69.94	75.82	59.92	74.91	65.05	63.03	71.34 - 73.62	60.97	64.40 - 76.07	60.52	72.95 - 74.72	62.22	72.99 - 75.52	58.61	72.56	73.19
Fat (oil)	3.67	10.88	8.28	3.34	7.43	4.26	3.62	11.50	3.83	9.19	10.00	3.45 - 4.92	10.83	3.18 - 3.92	10.46	3.69 - 4.65	10.26	3.55 - 4.19	10.86	3.17	3.79
Phosphorus	0.28	0.39	0.33	0.30	0.32	0.31	0.29	0.36	0.30	0.32	0.37	0.32	0.32	0.26 - 0.36	0.32	0.25 - 0.32	0.35	0.24 - 0.31	0.385	0.29	0.31
Magnesium	0.11	0.13	0.12	0.12	0.14	0.13	0.11	0.12	0.11	0.11	0.12	0.11	0.11	0.10 - 0.13	0.13	0.10 - 0.13	0.13	0.09 - 0.13	0.115	0.12	0.1
Lysine	0.23	0.32	0.33	0.25	0.29	0.31	0.24	0.35	0.24	0.31	0.33	0.27	0.36	0.20 - 0.32	0.34	0.25 - 0.28	0.35	0.21 - 0.26	0.356	0.27	0.27
Tryptophan	0.06	0.09	0.09	0.06	0.08	0.08	0.06	0.09	0.06	0.08	0.09	0.07	0.09	0.056 - 0.08	0.09	0.06 - 0.07	0.09	0.06 - 0.70	0.092	0.07	0.06
Methionine	0.16	0.21	0.22	0.32	0.24	0.23	0.16	0.19	0.14	0.18	0.22	0.20	0.21	0.16 - 0.20	0.21	0.17 - 0.20	0.22	0.16 - 0.20	0.218	0.21	0.17
Cystine	0.17	0.22	0.23	0.20	0.23	0.23	0.17	0.19	0.16	0.19	0.21	0.20	0.21	0.17 - 0.20	0.20	0.18 - 0.20	0.22	0.16 - 0.20	0.215	0.214	0.19
Location	C-IN	C-IN	NC-OH	NC-OH			SE-WI	SE-WI	SE-WI	SE-WI	SE-NE	SE-NE	NE-NE	NE-NE	NE	NE	C-NE	C-NE	SC-MI	SC-MI	SC-MI

2008 Silage			*	**	*		*		Earlage Earlage	
Variety	vpD749	Plot ave	E810	vpC847	vpD843	Plot ave	x751	11 ave	C847	C847
Moisture	67.40	69.22	60.79	75.00	68.72	66.05	69.30	70.9	66.34	67.53
Crude Protein	7.80	7.37	5.00	8.18	7.31	6.94	6.70	6.50	8.91	9.22
Soluble Protein			5.97	26.00						
ADF			31.37	35.21	25.66	24.32	26.10	26.10		
NDF	41.00	42.35	50.97	61.37	44.06	41.72	44.10	44.00		
Lignin			3.73	3.61	3.58	3.60				
IVDMD			64.03	65.36	65.86	62.02	82.10	81.8		
Starch	66.90	69.22	28.74	13.63	24.96	28.81	30.20	29.1	65.67	64.95
Fat (oil)	4.40	3.20	2.36	2.08	4.10	3.07	2.80	2.60	6.05	5.90
Calcium			0.19	0.39					0.04	0.04
Phosphorus			0.25	0.24					0.35	0.36
Magnesium			0.15	0.24					0.15	0.15
Potassium			1.20	0.67					0.50	0.52
Milk/ ton	3473	3251			3410	3106	3485	3372		
Location	SW-KY	SW-KY	SE-IN		C-MN	C-MN	NE-IA	NE-IA	SC-WI	SC-WI

All values, except moisture, are on a 100% dry matter basis

* Conventional dent corn

**Storage issues

In many plots the Value Plus varieties "top-crossed" the oil and other components into adjoining varieties

- N - North
- NC-North Central
- S-South
- SW-South West
- SE-South East
- C-Central