

**2006 Freeport Alfalfa Variety Trial**

Brand-Variety * Experimental	2008					2007 Total T DM/A	2-yr Total T DM/A	Relative Yield % Trial Mean
	28-May T DM/A	30-Jun T DM/A	31-Jul T DM/A	29-Aug T DM/A	Total T DM/A			
Rebound 5.0	2.73	1.69	1.74	0.80	6.96	6.94	13.91	112
WL 343 HQ	2.59	1.61	1.72	0.91	6.82	6.51	13.33	108
6415	2.63	1.64	1.70	0.85	6.81	6.33	13.14	106
DKA41-18RR	2.64	1.59	1.64	0.84	6.71	6.34	13.05	105
5454	2.74	1.46	1.51	0.71	6.41	6.38	12.79	103
Ameristand 407TQ	2.43	1.55	1.63	0.77	6.38	6.28	12.65	102
WL 355 RR	2.45	1.53	1.64	0.75	6.37	6.24	12.60	102
4A421	2.58	1.52	1.56	0.71	6.36	6.23	12.59	102
DS417*	2.62	1.47	1.46	0.64	6.19	6.22	12.41	100
4S419*	2.64	1.49	1.41	0.69	6.22	6.07	12.29	99
53Q30	2.59	1.50	1.44	0.69	6.22	6.06	12.27	99
4G418RR	2.37	1.52	1.57	0.70	6.16	5.98	12.14	98
54V46	2.46	1.45	1.55	0.75	6.20	5.92	12.12	98
6443RR	2.37	1.52	1.56	0.70	6.15	5.83	11.98	97
Preform*	2.43	1.45	1.19	0.63	5.69	6.20	11.89	96
BPR 382*	2.26	1.34	1.37	0.61	5.57	6.12	11.69	95
Integrity	2.35	1.32	1.25	0.59	5.52	5.74	11.25	91
Vernal	2.12	1.01	1.22	0.45	4.79	5.72	10.51	85
<b>Mean</b>	2.50	1.48	1.51	0.71	6.20	6.17	12.37	
<b>5%_LSD</b>	0.30	0.16	0.17	0.12	0.60	0.58	1.06	
<b>CV(%)</b>	8.43	7.55	7.87	12.05	6.81	6.58	6.06	
<b>MCV(%)</b>	11.96	10.71	11.18	17.10	9.67	9.34	8.6	

**Without Insecticides**

Brand-Variety * Experimental	2008					2007 Total T DM/A	2-yr Total T DM/A	Relative Yield % Trial Mean
	28-May T DM/A	30-Jun T DM/A	31-Jul T DM/A	29-Aug T DM/A	Total T DM/A			
53H92*	2.52	1.32	1.60	0.58	6.02	6.14	12.16	105
6426	2.51	1.32	1.54	0.61	5.98	5.89	11.87	103
4P424	2.33	1.29	1.45	0.60	5.67	6.00	11.66	101
5454	2.34	1.32	1.31	0.52	5.49	5.70	11.19	97
Vernal	2.26	1.32	1.04	0.42	5.04	5.78	10.82	94
<b>Mean</b>	2.39	1.32	1.39	0.55	5.64	5.90	11.54	
<b>5%_LSD</b>	0.22	0.27	0.19	0.06	0.43	0.50	0.73	
<b>CV(%)</b>	6.05	13.21	9.07	7.38	4.90	5.50	4.12	
<b>MCV(%)</b>	9.33	20.35	13.98	11.38	7.55	8.48	6.34	

Date of Seeding: April 7th, 2006.

Soil Type: Flagg silt loam.

Herbicides: April 5th (Sencor) and August 19th (Select and Butyrac).

Pest Control: June 30th and August 19th (Mustang Max).

Plot Dimensions: 3' x19'.