

2007 Freeport Alfalfa Variety Trial

Brand-Variety * Experimental	2009					2008 Total T DM/A	2-yr Total T DM/A	Relative Yield % Trial Mean
	28-May T DM/A	26-Jun T DM/A	31-Jul T DM/A	31-Aug T DM/A	Total T DM/A			
X55V48*	2.16	1.62	1.69	1.11	6.57	7.21	13.78	107
WL 343 HQ	2.05	1.59	1.58	1.09	6.30	7.24	13.54	106
SpringGold	1.90	1.47	1.68	1.09	6.12	7.28	13.40	104
6417	1.80	1.59	1.60	1.04	6.03	6.91	12.93	101
6415	1.82	1.42	1.57	1.05	5.85	7.07	12.92	101
CW 045037	1.77	1.43	1.60	1.08	5.89	6.86	12.74	99
5454	2.00	1.24	1.45	0.93	5.62	6.87	12.49	97
Vernal	1.73	1.01	1.24	0.76	4.74	6.07	10.81	84
<b>Mean</b>	1.90	1.42	1.55	1.02	5.89	6.94	12.83	
<b>5%_LSD</b>	0.20	0.15	0.12	0.09	0.39	0.54	0.84	
<b>CV(%)</b>	7.25	7.21	5.27	5.69	4.48	5.3	4.45	
<b>MCV(%)</b>	10.66	10.60	7.76	8.37	6.59	7.79	6.54	

Without Insecticides

Brand-Variety * Experimental	2009					2008 Total T DM/A	2-yr Total T DM/A	Relative Yield % Trial Mean
	28-May T DM/A	27-Jun T DM/A	31-Jul T DM/A	31-Aug T DM/A	Total T DM/A			
4P424	2.10	1.48	1.25	0.93	5.76	6.99	12.75	104
53H92	2.09	1.45	1.23	0.88	5.65	7.07	12.72	104
FSG 400LH	2.12	1.44	1.23	0.93	5.72	6.92	12.64	103
TS-4027*	2.24	1.48	1.13	0.93	5.78	6.86	12.63	103
6426	1.96	1.43	1.25	0.89	5.53	7.03	12.56	103
TS-4007*	2.47	1.46	1.15	0.95	6.03	6.39	12.42	102
Enforcer	2.11	1.38	1.19	0.90	5.58	6.69	12.27	100
5454	2.30	1.31	1.03	0.87	5.52	6.36	11.88	97
Vernal	1.99	1.02	0.94	0.71	4.65	5.52	10.17	83
<b>Mean</b>	2.15	1.38	1.15	0.89	5.58	6.65	12.23	
<b>5%_LSD</b>	ns	0.17	ns	0.10	ns	0.50	0.97	
<b>CV(%)</b>	10.77	8.61	10.00	7.73	7.81	5.17	5.45	
<b>MCV(%)</b>	15.71	12.57	14.59	11.28	11.40	7.54	7.96	

Date of Seeding: May 2nd, 2007.

Soil Type: Flagg silt loam.

Herbicides: April 5th (Sencor).

Pest Control: None.

Plot Dimensions: 3' x19'.