

2004 Freeport Alfalfa Variety Trial

Brand-Variety * Experimental	2007					2006	2005	3-yr	Relative
	30-May T DM/A	28-Jun T DM/A	26-Jul T DM/A	4-Sep T DM/A	Total T DM/A	Total T DM/A	Total T DM/A	Total T DM/A	Yield % Trial Mean
6415	3.09	2.16	2.07	1.49	8.80	10.01	9.71	28.52	114
SUMMER GOLD	2.89	2.02	1.83	1.51	8.25	9.38	9.07	26.70	106
321 HYB*	2.90	2.04	1.83	1.47	8.23	9.30	8.98	26.52	106
54V46	2.65	1.88	1.81	1.48	7.81	8.88	8.97	25.66	102
HAYBLAZER-444 HYB	2.86	1.97	1.88	1.45	8.16	8.58	8.83	25.57	102
HYBERFORCE 420 WET	2.89	1.83	1.66	1.46	7.83	8.46	8.69	24.97	99
4R429	2.61	1.81	1.62	1.43	7.47	8.52	8.42	24.41	97
5454	2.83	1.77	1.62	1.35	7.56	8.29	8.40	24.25	97
6530	2.66	1.75	1.62	1.39	7.42	8.52	8.29	24.23	97
VERNAL	2.46	1.46	1.33	1.26	6.51	6.78	6.88	20.17	80
<b>Mean</b>	2.78	1.87	1.73	1.43	7.80	8.67	8.62	25.10	
<b>5%_LSD</b>	0.20	0.20	0.09	0.11	0.43	0.50	0.46	1.03	
<b>CV(%)</b>	5.00	7.48	3.56	5.16	3.81	3.97	3.67	2.84	
<b>MCV(%)</b>	7.26	10.86	5.17	7.49	5.53	5.76	5.32	4.12	

Without Insecticides

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	30-May T DM/A	28-Jun T DM/A	26-Jul T DM/A	4-Sep T DM/A	Total T DM/A	Total T DM/A	Total T DM/A	Total T DM/A	Yield % Trial Mean
42H167*	2.32	1.83	1.72	1.07	6.94	8.90	8.47	24.31	109
42H169*	2.38	1.85	1.61	1.08	6.92	8.31	8.27	23.50	106
5454	2.65	1.77	1.29	1.18	6.89	8.15	8.04	23.09	104
FSG 400LH	2.21	1.73	1.45	1.13	6.52	8.03	7.83	22.37	101
54H91	2.30	1.68	1.40	1.15	6.52	7.92	7.94	22.37	101
WL 346 LH	2.17	1.59	1.38	1.10	6.23	7.68	7.66	21.58	97
6325	2.38	1.60	1.25	1.17	6.39	6.77	7.53	20.70	93
VERNAL	2.35	1.55	1.17	1.14	6.22	6.69	7.04	19.94	90
<b>Mean</b>	2.35	1.70	1.41	1.13	6.58	7.80	7.85	22.23	
<b>5%_LSD</b>	0.21	0.14	0.15	0.08	0.44	0.60	0.75	1.49	
<b>CV(%)</b>	6.23	5.43	7.13	5.00	4.53	5.26	6.52	4.56	
<b>MCV(%)</b>	9.16	7.98	10.49	7.35	6.66	7.74	9.59	6.71	

Date of Seeding: April 7th, 2004.

Soil Type: Flagg silt loam.

Herbicides: March 13th (Kerb) June 12th (Select).

Pest Control: June 12th, 28th and July 26th (Mustang Max).

Plot Demensions: 3 x 19'.