

2006 Freeport Alfalfa Variety Trial

Brand-Variety * Experimental	2009					2008	2007	3-yr	Relative
	28-May T DM/A	26-Jun T DM/A	31-Jul T DM/A	31-Aug T DM/A	Total T DM/A	Total T DM/A	Total T DM/A	Total T DM/A	Yield % Trial Mean
Rebound 5.0	2.03	1.53	1.46	1.10	6.12	6.96	6.94	20.03	112
WL 343 HQ	2.12	1.74	1.57	1.14	6.56	6.82	6.51	19.89	111
6415	2.14	1.66	1.45	1.09	6.33	6.81	6.33	19.47	109
DKA41-18RR	1.82	1.39	1.35	1.03	5.58	6.71	6.34	18.63	104
Ameristand 407TQ	1.78	1.44	1.33	1.02	5.56	6.38	6.28	18.21	102
5454	2.00	1.22	1.24	0.93	5.38	6.41	6.38	18.18	102
WL 355 RR	1.82	1.39	1.30	0.97	5.47	6.37	6.24	18.08	101
4A421	1.93	1.30	1.27	0.96	5.46	6.36	6.23	18.05	101
54V46	1.95	1.48	1.37	1.00	5.79	6.20	5.92	17.91	100
53Q30	1.85	1.38	1.29	0.99	5.51	6.22	6.06	17.78	99
DS417*	1.88	1.32	1.22	0.95	5.37	6.19	6.22	17.77	99
4S419*	1.83	1.38	1.25	0.95	5.40	6.22	6.07	17.70	99
4G418RR	1.84	1.43	1.28	0.96	5.51	6.16	5.98	17.65	99
6443RR	1.84	1.47	1.31	0.95	5.58	6.15	5.83	17.56	98
Preform*	1.84	1.24	1.25	0.94	5.27	5.69	6.20	17.16	96
BPR 382*	1.88	1.24	1.13	0.90	5.14	5.57	6.12	16.83	94
Integrity	1.91	1.27	1.23	0.87	5.27	5.52	5.74	16.53	92
Vernal	1.50	0.91	1.00	0.77	4.17	4.79	5.72	14.68	82
Mean	1.89	1.38	1.29	0.97	5.53	6.20	6.17	17.89	
5%_LSD	0.26	0.14	0.16	0.11	0.55	0.60	0.58	1.49	
CV(%)	9.89	6.97	8.52	7.76	6.96	6.81	6.58	5.87	
MCV(%)	14.04	9.90	12.09	11.02	9.89	9.67	9.34	8.33	

Without Insecticides

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	28-May T DM/A	27-Jun T DM/A	31-Jul T DM/A	31-Aug T DM/A	Total T DM/A	Total T DM/A	Total T DM/A	Total T DM/A	Yield % Trial Mean
53H92*	1.92	1.17	0.93	0.64	4.66	6.02	6.14	16.82	108
6426	1.69	1.00	0.89	0.59	4.16	5.98	5.89	16.02	103
4P424	1.69	1.07	0.88	0.60	4.24	5.67	6.00	15.90	102
5454	1.65	0.82	0.72	0.61	3.79	5.49	5.70	14.99	96
Vernal	1.78	0.70	0.65	0.45	3.58	5.04	5.78	14.39	92
Mean	1.74	0.95	0.81	0.58	4.09	5.64	5.90	15.62	
5%_LSD	0.22	0.13	0.15	0.14	0.46	ns	0.50	1.00	
CV(%)	8.29	9.19	11.84	15.34	7.32	4.90	5.50	4.14	
MCV(%)	12.78	14.16	18.25	23.63	11.28	7.55	8.48	6.37	

Date of Seeding: April 7th, 2006.

Soil Type: Flagg silt loam.

Herbicides: April 5th (Sencor).

Pest Control: None.

Plot Dimensions: 3' x19'.