

1999 Freeport Alfalfa Variety Trial

Brand-Variety	2002					2001	2000	3-yr	Relative
	25-May	25-Jun	24-Jul	27-Aug	Total	Total	Total	Total	Yield
* Experimental	T DM/A	T DM/A	T DM/A	T DM/A	T DM/A	T DM/A	T DM/A	T DM/A	% Trial Mean
WINTER GOLD	2.50	2.38	1.91	1.70	8.49	7.19	7.40	23.09	110
TRUMP	2.57	2.45	1.90	1.67	8.59	7.16	7.23	22.97	109
54V45*	2.48	2.27	1.74	1.65	8.14	7.08	7.49	22.70	108
ROCKET*	2.57	2.29	1.73	1.67	8.26	6.95	7.34	22.55	107
FQ 315	2.66	2.23	1.71	1.62	8.21	6.86	7.43	22.49	107
DK 140	2.53	2.24	1.70	1.62	8.09	7.01	7.38	22.47	107
W 330*	2.42	2.09	1.64	1.63	7.78	6.92	7.56	22.25	106
W 311*	2.41	2.21	1.71	1.61	7.93	6.75	7.52	22.20	105
C 207*	2.40	2.06	1.60	1.59	7.64	6.88	7.63	22.15	105
ENHANCER	2.68	2.15	1.62	1.61	8.05	6.85	7.17	22.08	105
6410	2.28	2.25	1.70	1.61	7.83	6.72	7.34	21.88	104
AWESOME	2.41	2.08	1.64	1.58	7.71	6.75	7.33	21.79	103
W 201*	2.32	2.03	1.51	1.50	7.34	7.08	7.23	21.65	103
W 324*	2.49	2.11	1.57	1.54	7.70	6.79	7.05	21.54	102
RHINO	2.31	2.08	1.59	1.58	7.56	6.76	7.13	21.44	102
W 304*	2.21	2.18	1.57	1.60	7.55	6.56	7.33	21.44	102
53Q60	2.49	2.13	1.58	1.50	7.69	6.44	6.99	21.12	100
C 316*	2.32	1.99	1.49	1.50	7.30	6.63	6.90	20.82	99
W 426*	2.31	2.13	1.56	1.49	7.48	6.29	7.03	20.80	99
IMPERIAL	2.35	2.16	1.53	1.51	7.53	6.34	6.91	20.78	99
EMPEROR	2.47	2.07	1.53	1.50	7.57	6.34	6.86	20.77	99
C 224*	2.31	2.02	1.59	1.52	7.44	6.38	6.92	20.74	99
645-II	2.53	2.06	1.47	1.48	7.54	6.54	6.61	20.69	98
DK 141	2.28	2.05	1.49	1.54	7.35	6.27	7.00	20.62	98
NETYIELD 500*	2.27	2.05	1.50	1.50	7.31	6.43	6.83	20.57	98
WETLAND	2.19	2.06	1.53	1.49	7.27	6.43	6.70	20.40	97
631	2.25	1.98	1.47	1.50	7.19	6.09	6.52	19.80	94
FEAST+EV	2.19	2.03	1.47	1.43	7.11	6.03	6.36	19.50	93
9701	2.19	1.91	1.24	1.39	6.73	5.38	5.55	17.66	84
VERNAL	2.11	1.84	1.25	1.39	6.58	5.37	5.39	17.34	82
SARANAC AR	1.83	1.70	1.15	1.26	5.94	4.96	5.53	16.42	78
Mean	2.36	2.10	1.57	1.54	7.58	6.52	6.96	21.05	
5%_LSD	0.30	0.21	0.16	0.13	0.64	0.64	0.52	1.59	
CV(%)	8.89	6.96	7.04	6.09	5.99	7.02	5.37	5.38	
MCV(%)	12.49	9.78	9.89	8.56	8.41	9.86	7.54	7.56	

Date of Seeding: April 1st, 1999.

Soil Type: Flagg silt loam.

Herbicides: March 13th (Sencor).

Pest Control: July 9th and August 5th (Pounce).

Plot Dimensions: 3' x19'.

1999 Freeport Alfalfa Variety Trial Without Insecticides

Brand-Variety	2002					2001	2000	3-yr	Relative
	25-May	25-Jun	24-Jul	27-Aug	Total	Total	Total	Total	Yield
* Experimental	T DM/A	T DM/A	T DM/A	T DM/A	T DM/A	T DM/A	T DM/A	T DM/A	% Trial Mean
6310	1.55	1.48	1.00	1.07	5.10	5.29	6.40	16.78	110
53H81*	1.45	1.39	0.93	0.98	4.74	5.38	5.97	16.08	105
AMERGUARD 302+Z	1.37	1.42	0.93	1.03	4.75	4.58	6.26	15.58	102
VERNAL	1.73	1.44	0.77	1.03	4.96	4.19	5.09	14.24	93
SARANAC AR	1.54	1.34	0.66	0.88	4.41	3.85	5.34	13.60	89
Mean	1.53	1.41	0.86	1.00	4.79	4.65	5.81	15.26	
5%_LSD	0.26	0.14	0.18	0.16	0.64	0.75	0.86	2.02	
CV(%)	11.26	6.60	13.95	10.15	8.62	10.52	9.58	8.57	
MCV(%)	17.34	10.17	21.50	15.64	13.28	16.20	14.76	13.21	

Date of Seeding: April 1st, 1999.

Soil Type: Flagg silt loam.

Herbicides: March 13th (Sencor).

Plot Dimensions: 3' x19'.