

Table 1. Alfalfa variety trial FA-02 seeded at Fargo, ND, in 2002.†

Entry	2005 forage yield by harvest					2004 total	2003 total	2002 total	02-05 total	Relative yield	
	6-22	7-19	8-19	10-11	total					2005	02-05
-----tons dry matter/acre-----										% of Vernal	
CK2000	2.49	2.35	1.51	1.62	7.97	6.73	6.43	4.06	25.19	112.7	104.9
Feast + EV	2.37	2.09	1.60	1.18	7.24	6.98	5.98	3.92	24.12	102.4	100.4
620	2.60	2.10	1.51	1.46	7.67	7.02	6.27	3.92	24.88	108.5	103.6
645-II	2.36	1.89	1.62	1.31	7.18	6.82	6.23	3.65	23.88	101.2	99.4
HybriForce-400	2.51	1.91	1.56	1.32	7.30	6.85	6.45	4.11	24.71	103.1	102.9
LegenDairy YPQ	2.45	2.15	1.65	1.31	7.56	7.15	6.31	3.84	24.87	107.0	103.5
MegaTon 3.0	2.50	2.12	1.64	1.24	7.50	7.09	6.87	3.68	25.14	106.0	104.6
WL 319 HQ	2.47	1.90	1.51	1.17	7.06	6.94	6.23	3.88	24.11	99.8	100.4
54H91	2.34	2.30	1.63	1.23	7.50	7.21	6.30	3.79	24.80	106.1	103.3
Vernal	2.33	1.86	1.62	1.33	7.14	7.02	6.42	3.90	24.48	101.0	101.9
Vernal	2.43	1.89	1.48	1.20	7.00	6.58	6.19	3.79	23.56	99.0	98.1
Mean	2.44	2.05	1.58	1.31	7.38	6.94	6.33	3.87	24.52	104.3	102.1
LSD (0.05)	0.34‡	0.42‡	0.29‡	0.34‡	0.89‡	0.51‡	0.35	0.38‡	1.68‡	12.6‡	7.0‡
CV, %	8.3	12.2	10.8	15.4	7.7	5.6	3.9	7.5	4.0	7.0	4.0

† Design: Randomized complete block
Seeding method: Broadcast
Seeding rate: 25 lb/acre
Seeding date: May 20, 2002

Fertilization: 100 K & 50 P lb/a
Cuttings: 2002 (2), 03-05 (4)
Plot size: 5' by 25'
Harvest plot: 38" by 20'

Soil type: Fargo clay
Replicates: Four
Herbicide: None in 2005
Insecticide: None in 2005

‡ Non significant *F*-test