

Table 3. Alfalfa variety trial FA-04 seeded at Fargo, ND, in 2004.†

Entry	2005 forage yield by harvest					Relative yield % of Vernal
	6-20	7-19	8-30	10-31	Total	
	-----tons dry matter/acre-----					
	<u>No traffic</u>					
AmeriStand 403T	2.61	2.68	2.14	1.54	8.97	114.9
4A421	2.43	2.71	2.16	1.28	8.58	109.9
HybriForce 420/wet	2.38	2.61	2.18	1.62	8.79	112.6
381 Hyb	2.38	2.71	2.17	1.58	8.84	113.2
6200 HT	2.39	2.59	2.12	1.48	8.58	109.9
6400 HT	2.22	2.45	2.10	1.31	8.08	103.5
Vernal	2.26	2.45	2.12	1.23	8.06	103.2
Vernal	2.36	2.38	2.10	1.58	8.42	107.9
Mean	2.38	2.57	2.14	1.45	8.54	109.4
AmeriStand 403T	2.39	2.11	1.83	1.04	7.37	94.4
4A421	2.53	2.27	2.10	1.14	8.04	103.0
HybriForce 420/wet	2.41	2.06	1.98	1.18	7.63	97.7
381 Hyb	2.42	2.13	1.89	1.13	7.58	97.1
6200 HT	2.51	2.12	1.95	1.09	7.67	98.3
6400 HT	2.37	2.09	1.93	0.86	7.25	92.9
Vernal	2.46	1.99	1.98	1.05	7.49	95.9
Vernal	2.21	2.18	1.89	0.97	7.25	92.9
Mean	2.41	2.12	1.95	1.06	7.54	96.5
LSD (0.05)						
Traffic (T)	NS	*	10%	10%	*	*
Variety (V)	NS	NS	NS	0.18	NS	NS
T x V	NS	NS	NS	NS	NS	NS
CV, %						
Traffic	7.4	4.4	4.0	12.2	1.8	1.8
T x V	4.4	10.8	5.4	9.5	4.6	4.6

† Design: Split block
 Seeding method: Broadcast
 Seeding rate: 25 lb/acre
 Seeding date: May 18, 2004

Fertilization: 50 P & 100 K lb/a
 Cuttings: 2004 (2), 2005 (4)
 Plot size: 5' by 25'
 Harvest plot: 38" by 20'

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