

Table 2. Alfalfa variety trial FA-03 seeded at Fargo, ND, in 2003.<sup>†</sup>

Entry	2005 forage yield by harvest					2004 total	2003 total	03-05 total	Relative yield	
	6-22	7-19	8-29	10-17	total				2005	03-05
	-----tons dry matter/acre-----								--% of Vernal--	
DAK9900	1.78	1.51	1.73	1.35	6.37	7.80	4.00	18.18	88.9	99.7
620	2.26	1.91	1.83	1.37	7.37	7.33	3.65	18.35	102.9	100.6
645-II	2.39	2.07	1.75	1.37	7.58	7.38	3.53	18.50	105.8	101.4
6400 HT	2.30	1.93	1.73	1.37	7.33	7.57	3.91	18.81	102.2	103.1
Extreme	2.29	1.90	1.82	1.46	7.47	7.74	3.75	18.96	104.2	103.9
4A421	2.42	2.03	1.78	1.32	7.55	7.75	3.62	18.92	105.4	103.8
Somerset	2.34	1.95	1.59	1.29	7.17	7.08	3.69	17.94	100.0	98.4
54Q25	2.00	1.76	1.81	1.45	7.02	7.35	3.53	17.90	97.9	98.2
54V46	2.19	2.12	1.91	1.37	7.59	7.48	3.56	18.62	105.9	102.1
Vernal	2.28	1.76	1.64	1.49	7.17	7.46	3.69	18.33	100.1	100.5
Vernal	2.15	1.93	1.77	1.31	7.16	7.45	3.53	18.14	99.9	99.5
Mean	2.22	1.89	1.76	1.38	7.25	7.49	3.69	18.42	101.2	101.0
LSD (0.05)	0.33	0.30	0.25 <sup>‡</sup>	0.23 <sup>‡</sup>	0.63	0.40 <sup>‡</sup>	0.32 <sup>‡</sup>	0.90 <sup>‡</sup>	8.7	5.0 <sup>‡</sup>
CV, %	8.8	9.3	8.3	9.7	5.1	3.7	6.0	2.9	5.1	2.9

<sup>†</sup> Design: Randomized complete block  
 Seeding method: Broadcast  
 Seeding rate: 25 lb/acre  
 Seeding date: April 25, 2003

Fertilization: 100 K + 50 P lb/a  
 Cuttings: 2004 (2), 2004-05 (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

<sup>‡</sup> F-test non significant