

Table 3. Forage yield of eight alfalfa varieties seeded at Fargo, ND, in 2006 with and without traffic five days after harvest.†

Entry	2007 forage yield by date of harvest					% of Vernal 2007
	6-5	7-6	8-8	10-25	Total	
----- tons dry matter/acre -----						
			<u>No traffic</u>			
6400 HT	2.52	1.98	1.24	0.73	6.47	97.1
6200 HT	2.77	1.89	1.18	0.67	6.51	97.7
6443 RR	2.64	1.88	1.18	0.90	6.60	99.1
AmeriStand 403T	2.96	1.96	1.14	0.84	6.90	103.5
DAK34-17RR	2.46	1.95	1.41	0.79	6.61	99.1
Vernal	2.76	1.97	1.06	0.90	6.69	100.3
Bullseye	2.62	1.78	1.09	0.79	6.28	94.2
ZS-0441GX-1	2.84	1.80	1.22	0.76	6.62	99.3
Mean	2.69	1.90	1.19	0.80	6.58	98.8
		<u>One pass with tractor tire 5 days after cutting</u>				
6400 HT	2.67	1.75	0.84	0.59	5.85	87.8
6200 HT	2.89	1.69	1.13	0.65	6.36	95.4
6443 RR	2.34	1.64	0.90	0.52	5.40	81.1
AmeriStand 403T	2.76	1.76	1.30	0.64	6.46	96.9
DAK34-17RR	2.62	1.92	1.06	0.62	6.22	93.4
Vernal	2.97	1.70	1.28	0.69	6.64	99.6
Bullseye	2.76	1.68	1.08	0.78	6.30	94.5
ZS-0441GX-1	2.63	1.69	1.08	0.64	6.04	90.6
Mean	2.70	1.73	1.08	0.64	6.16	92.4
LSD (0.05)						
Entry (E)	NS	NS	NS	NS	NS	NS
Traffic (T)	NS	*	*	*	*	*
E * T	NS	NS	NS	NS	NS	NS
CV, %	10.7	7.6	17.0	23.6	7.0	7.0

† Design: Split plot, traffic main plot
 Seeding method: Broadcast
 Seeding rate: 25 lb/acre
 Seeding date: May 19, 2006
 Fertilization: 50 lb P & 100 lb K/acre
 Cuttings: 2006(2), 2007(4)
 Plot size: 5' by 30'
 Harvest plot: 38" by 25'
 Soil type: Fargo clay
 Replicates: 3
 Herbicide: None
 Insecticide: Asana @ 5 mL/qt first harvest