

Table 3. Forage yield of 12 alfalfa varieties seeded at Fargo, ND, in 2005 with and without traffic 5 days after harvest.[†]

Entry	2006 forage yield					% of Vernal 2006
	5-31	7-5	8-8	10-20	total	
-----tons dry matter/acre-----						
<u>No traffic</u>						
X202	2.88	1.59	0.67	0.68	5.82	97.3
DS204HYB	3.00	1.55	0.67	0.66	5.88	98.3
381HYB	3.22	1.66	0.54	0.68	6.10	102.0
361HYB	2.99	1.67	0.69	0.72	6.07	101.6
WL 319 HQ	3.12	1.51	0.67	0.59	5.89	98.5
FGI-31Q109	2.93	1.53	0.68	0.56	5.70	95.4
6415	3.05	1.73	0.70	0.65	6.13	102.6
4A421	2.93	1.72	0.75	0.66	6.06	101.4
A 30-06	2.91	1.53	0.66	0.74	5.84	97.6
AmeriStand 403T	2.90	1.62	0.73	0.75	6.00	100.4
Vernal	3.33	1.60	0.76	0.74	6.43	107.6
Vernal	3.03	1.71	0.70	0.65	6.09	101.9
Mean	3.02	1.62	0.68	0.68	6.00	
<u>One pass with tractor tire 5 days after cutting</u>						
X202	2.84	1.48	0.69	0.61	5.62	94.0
DS204HYB	2.92	1.43	0.60	0.63	5.58	93.3
381HYB	3.06	1.31	0.56	0.61	5.54	92.6
361HYB	3.11	1.53	0.58	0.66	5.88	98.3
WL 319 HQ	2.86	1.46	0.53	0.57	5.42	90.6
FGI-31Q109	2.87	1.39	0.67	0.64	5.57	93.2
6415	2.79	1.33	0.55	0.61	5.28	88.4
4A421	3.15	1.50	0.76	0.68	6.09	101.8
A 30-06	3.08	1.18	0.43	0.59	5.28	88.4
AmeriStand 403T	3.16	1.38	0.62	0.61	5.77	96.5
Vernal	2.93	1.30	0.55	0.68	5.46	91.3
Vernal	3.11	1.49	0.66	0.67	5.93	99.1
Mean	2.99	1.40	0.60	0.63	5.62	
LSD (0.05)						
Entry (E)	NS	NS	10%	NS	NS	NS
Traffic (T)	NS	10%	NS	NS	10%	10%
E * T	NS	NS	NS	NS	NS	NS
CV, %	5.9	9.3	13.1	11.0	5.2	5.2

[†] Design: Split block
 Seeding method: Broadcast
 Seeding rate: 25 lb/acre
 Seeding date: May 8, 2005

Fertilization: 100 K + 50 P lb/a
 Cuttings: 2005(2), 2006(4)
 Plot size: 5' by 23'
 Harvest plot: 38" by 18'

Soil type: Fargo clay
 Replicates: Three
 Herbicide: None in 2006
 Insecticide: None