

Table 4. Forage yields of 10 irrigated alfalfas seeded at Carrington, ND, in 2005.

Entry	2008 forage yield by harvest			2008 total	2007 total	2006 total	2005 total	05-08 total	% of Vernal	
	6-26	7-29	9-30						2008	05-08
----- tons dry matter/acre -----										
IChg04	2.00	1.76	0.81	4.57	5.40	5.76	3.44	19.16	108.8	105.1
X202	1.81	1.52	0.79	4.12	4.87	5.57	2.87	17.43	98.1	95.6
DS204HYB	1.91	1.62	0.69	4.22	5.13	5.69	3.37	18.42	100.5	101.0
381HYB	1.89	1.67	0.71	4.27	5.65	5.46	3.01	18.39	101.7	100.8
361HYB	1.88	1.67	0.72	4.27	5.94	5.35	3.37	18.93	101.7	103.8
WL 319 HQ	1.84	1.86	0.71	4.41	5.42	5.59	2.87	18.30	105.1	100.3
FGI-31Q109	2.12	1.96	0.70	4.77	5.55	5.68	2.71	18.71	113.6	102.6
Vernal	1.86	1.61	0.58	4.06	5.22	5.58	3.11	17.97	96.7	98.5
Vernal	1.83	1.75	0.76	4.34	5.37	5.74	3.06	18.51	103.4	101.5
4A421	2.07	1.80	0.77	4.64	5.33	5.82	2.79	18.58	110.6	101.9
Mean	1.92	1.72	0.72	4.37	5.39	5.62	3.06	18.44	104.0	101.1
LSD (0.05)	0.36 [‡]	0.16 [‡]	0.25	0.53 [‡]	0.50	0.94 [‡]	0.47	1.67 [‡]	12.7 [‡]	9.2 [‡]
CV, %	8.2	4.1	15.6	5.4	4.1	7.4	6.8	4.0	5.4	4.0

† Design: Randomized complete block Fertilization: 100 K + 50 P lb/acre Soil type: Heimdahl loam
 Seeding method: Broadcast Cuttings: 2005 (2), 2006-08 (3) Replicates: 2, 1 winterkilled
 Seeding rate: 25 lb/acre Plot size: 5' x 30' Herbicides: None in 2008
 Seeding date: June 3, 2005 Harvest plot: 38" by 25' Insecticide: None in 2008

‡ F-test was non-significant