

**Table 5. Forage yield of seven alfalfa varieties seeded at Carrington, ND, in 2007.**

Entry	2008 forage yield by harvest			2008 total	2007 total	07-08 total	% of Vernal	
	6-26	7-29	9-30				2008	2007-08
	----- tons dry matter/acre -----							
PGI 424	2.76	2.07	0.81	5.64	3.18	8.82	101.5	101.0
SummerGold	2.88	2.18	0.83	5.89	3.08	8.97	106.1	102.8
6200 HT	2.65	2.23	0.93	5.81	2.97	8.78	104.6	100.6
6400 HT	2.71	2.19	0.78	5.68	3.24	8.92	102.2	102.2
SpringGold	2.70	2.02	0.82	5.54	3.17	8.72	99.7	99.9
Vernal	2.66	2.07	0.81	5.54	3.23	8.77	99.7	100.5
Vernal	2.57	2.17	0.83	5.57	3.11	8.68	100.2	99.5
Mean	2.71	2.13	0.83	5.67	3.14	8.81	102.0	100.9
LSD 0.05	0.25 <sup>‡</sup>	0.24 <sup>‡</sup>	0.14 <sup>‡</sup>	0.44 <sup>‡</sup>	0.26 <sup>‡</sup>	0.44 <sup>‡</sup>	7.9 <sup>‡</sup>	5.1 <sup>‡</sup>
CV, %	6.2	7.7	11.2	5.2	5.7	3.4	5.2	3.4

† Design: Randomized complete block  
 Seeding method: Broadcast  
 Seeding rate: 25 lb/acre  
 Seeding date: May 9, 2007

Fertilization: 50 P + 100 K lb/acre  
 Cuttings: 2007(2), 2008(3)  
 Plot size: 5' by 30'  
 Harvest plot: 38" by 25'

Soil type: Heimdal loam  
 Replicates: Four  
 Herbicide: None  
 Insecticide: None

‡ *F*-test was non-significant