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NEBRASKA  
 2013 Alfalfa Variety Test  
 Havelock, Lancaster County, Agronomy Research Farm  
 Irrigated -- 2011 Seeding

Entry	Dry Matter Tons/Acre*								3-year Total
	Seeding Year <sup>1</sup>		2013 <sup>2</sup>	2014				Total	
	Total	2012 <sup>2</sup>		29-May	9-Jul	12-Aug	6-Oct		
<u>Released varieties</u>									
Gunner	3.06	9.61	9.52	2.47	2.58	1.74	1.29	8.09	27.21
WL354HQ	3.12	10.65	8.66	2.36	2.71	1.74	1.14	7.95	27.26
AmeriStand407TQ	2.78	10.05	8.99	2.36	2.48	1.69	1.27	7.80	26.83
Rebound6.0	2.97	9.67	9.45	2.49	2.68	1.69	1.12	7.99	27.11
DG4210	2.95	9.83	9.04	2.41	2.68	1.84	1.23	8.16	27.03
ArcherIII	3.26	9.57	8.88	2.45	2.47	1.60	1.19	7.70	26.16
DKA41-18RR	3.19	9.68	8.98	2.32	2.43	1.47	1.06	7.28	25.95
Wrangler	3.02	10.10	7.83	2.12	2.04	1.29	0.88	6.33	24.25
Vernal	2.89	9.39	7.70	2.10	2.07	1.21	1.12	6.51	23.59
<u>Experimental varieties</u>									
FG R46M162	2.88	9.02	9.25	2.44	2.27	1.64	1.02	7.38	25.64
Experiment mean	3.01	9.76	8.83	2.35	2.44	1.59	1.13	7.52	26.10
CV (%)	7.16	6.95	5.44	7.57	6.58	8.24	8.53	4.90	3.93
MCV (%)	10.23	9.93	7.77	10.80	9.40	11.76	12.18	6.99	5.62
LSD (0.05)	0.31	0.97	0.69	0.25	0.23	0.19	0.14	0.53	1.47
LSD (0.25)	0.18	0.57	0.40	0.15	0.14	0.11	0.08	0.31	0.86

<sup>1</sup> =3 cuts

<sup>2</sup> =4 cuts

DESIGN: Randomized block  
 METHOD OF SEEDING: Carter cone drill  
 SOIL TYPE: Crete silt loam

PLOT SIZE: 5 rows 3' by 12'  
 PLANTING DATE: 4-12-11  
 REPS: 4