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NEBRASKA
 2013 Alfalfa Variety Test
 Havelock, Lancaster County, Agronomy Research Farm
 Irrigated -- 2010 Seeding

Entry	Dry Matter Tons/Acre*								
	Seeding Year ¹			2013					3-year Total
	Total	2011 ²	2012 ³	23-May	1-Jul	5-Aug	10-Oct	Total	
<u>Released Cultivars</u>									
Integra8400	3.24	10.47	10.23	2.14	2.45	2.27	2.14	9.01	29.70
DG4210	2.95	10.11	10.24	2.08	2.41	2.31	2.35	9.15	29.50
Hybri+Jade	3.47	10.28	10.12	2.24	2.23	2.14	2.33	8.94	29.33
DKA43-13	3.21	10.00	9.87	2.28	2.24	2.58	2.23	9.34	29.21
Hybriforce2400	3.38	10.01	10.25	2.22	2.24	2.09	2.38	8.94	29.20
BY723	3.62	10.46	9.81	2.14	2.17	2.09	2.38	8.78	29.06
BY812-T	3.42	9.69	10.18	2.08	2.15	2.11	2.61	8.95	28.82
WL363HQ	3.19	10.14	9.93	2.14	2.20	2.19	2.02	8.55	28.62
DKA50-18	3.22	9.85	9.71	2.20	2.21	2.09	2.23	8.72	28.29
WL343HQ	3.21	9.59	9.25	2.21	2.21	2.17	2.23	8.83	27.67
PhirstExtra	3.62	9.33	9.76	2.06	2.18	1.99	2.00	8.23	27.32
Wrangler	3.25	8.87	9.24	2.15	1.86	1.83	2.19	8.04	26.16
Vernal	3.43	9.30	8.81	2.13	1.77	1.69	2.30	7.89	26.01
<u>Experimental Strains</u>									
FG46M329	3.10	10.55	10.44	2.23	2.66	2.48	2.42	9.79	30.78
FG46M328	3.08	10.43	10.21	2.16	2.49	2.48	2.12	9.25	29.89
Experiment mean	3.29	9.95	9.87	2.16	2.23	2.17	2.26	8.83	28.65
CV (%)	8.86	5.24	5.21	10.39	9.94	9.65	14.28	6.14	3.93
MCV (%)	12.53	7.41	7.36	13.25	14.15	13.74	20.34	8.74	5.59
LSD (0.05)	0.41	0.74	0.73	0.29	0.32	0.30	0.46	0.77	1.60
LSD (0.25)	0.25	0.43	0.43	0.17	0.18	0.17	0.27	0.45	0.93
LSR (%)	15.14	24.66	26.99	39.92	23.53	16.68	20.79	26.98	21.28

* Variety means are LSMEANS derived from spatial variability statistical analysis for mixed models.
 Therefore, year or multiple-year totals will not be the arithmetic sum of individual cuts or years, respectively.

- ¹ =3 cuts
- ² =5 cuts
- ³ =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: 5-6-2010
 REPS: 4