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

Entry	Dry Matter Tons/Acre*								
	Seeding Year ¹			2014				Total	3-year Total
	Total	2012 ²	2013 ²	29-May	9-Jul	12-Aug	6-Oct		
Released cultivars									
Consistency4.10RR	4.23	10.58	9.51	2.48	2.65	1.75	1.09	7.97	28.05
AmeriStand405TRR	4.50	10.65	9.62	2.38	2.41	1.69	1.14	7.61	27.89
WL355RR	4.50	10.21	9.36	2.17	2.29	1.56	1.07	7.09	26.66
DKA41-18RR	4.01	9.91	9.14	2.22	2.44	1.72	1.20	7.58	26.63
54VR03	4.35	9.39	9.06	2.19	2.23	1.54	0.97	6.85	24.94
Vernal ³	3.69	9.76	8.48	2.12	2.39	1.63	1.12	7.33	25.78
Wrangler ³	3.68	9.78	8.31	2.11	2.22	1.47	1.07	6.89	25.13
Experimental strains									
FG R47M120	4.11	10.03	9.63	2.46	2.59	1.87	1.11	8.02	27.67
FG R46M162	4.10	10.04	9.27	2.68	2.47	1.78	1.00	7.93	27.24
msSunstra-803 ³	4.05	9.96	9.35	2.22	2.62	1.72	1.24	7.79	27.10
FG R47M319	3.87	9.49	9.38	2.71	2.51	1.78	1.08	8.08	26.95
FG R47M312	4.26	7.37	8.77	2.39	2.44	1.85	1.04	7.72	23.86
Experiment mean	4.11	9.76	9.15	2.35	2.44	1.70	1.09	7.57	26.49
CV (%)	6.93	5.04	5.16	9.66	7.41	9.12	11.40	6.62	3.28
MCV (%)	9.90	7.20	7.37	13.80	10.59	13.03	16.29	9.45	4.69
LSD (0.05)	0.41	0.70	0.67	0.32	0.26	0.22	0.18	0.72	1.24
LSD (0.25)	0.24	0.41	0.40	0.19	0.15	0.13	0.11	0.42	0.73

¹ =3 cuts

² =4 cuts

³ =Protected from glyphosate applications

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