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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		2013					2-year
	Total	2012 ²	3-Jun	4-Jul	6-Aug	11-Oct	Total	Total
<u>Released varieties</u>								
Consistency4.10RR	4.23	10.58	2.70	2.30	2.20	2.66	9.85	20.43
AmeriStand405TRR	4.50	10.65	2.76	2.34	2.08	2.45	9.62	20.28
WL355RR	4.39	10.31	2.65	2.30	2.08	2.13	9.16	19.47
DKA41-18RR	4.01	9.91	2.67	2.30	1.93	2.23	9.13	19.04
Wrangler	3.68	9.78	2.88	1.96	2.06	1.89	8.78	18.56
54VR03	4.35	9.39	2.62	2.26	2.00	2.18	9.06	18.45
Vernal	3.69	9.76	2.66	1.98	1.87	1.98	8.48	18.24
<u>Experimental varieties</u>								
FGR47M120	4.11	10.03	2.63	2.34	2.19	2.48	9.63	19.65
FGR46M162	4.10	10.04	2.63	2.49	2.13	2.01	9.26	19.31
msSunstra-803	4.05	9.96	3.06	2.13	1.91	2.26	9.35	19.30
FGR47M319	3.87	9.53	2.96	2.47	2.13	2.04	9.59	19.12
FGR47M312	4.26	7.37	2.75	2.15	1.92	1.98	8.79	16.16
Experiment mean	4.10	9.78	2.75	2.25	2.04	2.19	9.22	19.00
CV (%)	6.90	5.09	8.65	12.77	9.01	15.03	6.18	3.97
MCV (%)	9.92	7.33	12.44	18.37	12.96	21.62	8.89	5.71
LSD (0.05)	0.41	0.72	0.34	0.41	0.26	0.47	0.82	1.08
LSD (0.25)	0.03	0.06	0.03	0.24	0.15	0.27	0.47	0.62
LSR (%)	26.58	17.19	22.07	31.32	26.78	22.82	26.91	16.32

*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=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