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NEBRASKA
 2013 Roundup Ready Alfalfa Variety Test
 Havelock, Lancaster County, Agronomy Research Farm
 Irrigated -- 2012 Seeding

Entry	Dry Matter Tons/Acre*					
	Seeding Year ¹		2013			
	Total	31-May	4-Jul	15-Aug	18-Oct	Total
<u>Released cultivars</u>						
Vernal [†]	4.28	1.93	1.47	1.81	2.27	7.49
Wrangler [†]	4.05	1.80	1.29	NA	0.89	NA
<u>Experimental Strains</u>						
FG R47M312	4.12	2.33	2.32	2.20	1.65	8.50
FG R47M324	4.28	2.36	2.18	2.15	1.66	8.35
FG R57OK217	3.95	2.42	2.11	2.06	1.73	8.33
FG R47M120	4.35	2.25	2.27	1.99	1.76	8.27
FG R47OK215	4.06	2.23	2.30	2.20	1.53	8.26
FG R57K337	3.97	2.29	2.15	2.14	1.66	8.24
FG R57K138	4.13	2.25	2.19	2.07	1.71	8.21
FG R48M151	4.09	2.43	2.21	2.11	1.42	8.17
FG R48K341	4.44	2.37	2.10	2.11	1.50	8.08
FG R57OK216	4.15	2.17	2.15	2.07	1.68	8.08
Experiment Mean	4.16	2.24	2.06	2.08	1.62	8.18
CV (%)	9.90	5.40	7.46	6.85	21.23	5.91
MCV (%)	14.23	7.77	10.74	9.89	30.54	8.53
LSD (0.05)	0.59	0.17	0.22	0.21	0.50	0.70
LSD (0.25)	0.34	0.10	0.13	0.12	0.28	0.40
LSR (%)	31.77	16.40	15.20	33.99	33.58	34.04

* 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.

[†] Check varieties that did not receive any herbicide for weed control.

¹ =3 cuts

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

PLOT SIZE: 5 rows 3' by 12'
 PLANTING DATE: 4-6-2012
 REPS: 4