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NEBRASKA  
2014 Alfalfa Variety Test  
Havelock, Lancaster County, Agronomy Research Farm  
Irrigated -- Fall 2013 Seeding

Entry	Dry Matter Tons/Acre*				1-Year Total
	2014				
	23-May	9-Jul	13-Aug	9-Oct	
<u>Released cultivars</u>					
372HY	2.52	3.11	1.79	1.18	8.46
FSG 423ST	2.30	2.86	1.73	1.25	8.18
Enhancer II	2.36	2.67	1.68	1.26	7.95
Stockpile	2.14	2.81	1.72	1.19	7.95
FSG 403LR	2.15	2.96	1.57	1.33	7.90
MarinerIV	1.89	2.95	1.72	1.22	7.76
DG 4210	2.05	2.78	1.89	1.13	7.73
DKA44-16RR	2.07	2.87	1.66	1.06	7.70
55Q27	1.86	2.76	1.79	1.22	7.62
FSG 424	1.92	2.73	1.67	1.14	7.61
DKA41-18RR	1.83	2.84	1.61	1.25	7.60
DKA43-22RR	2.07	2.67	1.66	1.19	7.57
FSG 524	1.86	2.46	1.79	1.18	7.44
Vernal	2.08	2.60	1.41	1.03	7.03
Wrangler	2.20	1.99	1.52	1.20	6.85
<u>Experimental Strains</u>					
msSunstra-803QR	2.33	2.97	1.79	1.28	8.45
AGRMS-102	2.52	2.93	1.61	1.17	8.23
msSunstra-803	2.23	2.92	1.77	1.25	8.04
CW085028	1.87	2.83	1.77	1.28	7.78
AGRMS-101	2.08	2.52	1.66	1.27	7.66
FGR57OK217	1.96	2.68	1.76	1.15	7.60
AGRMS-103	1.90	2.29	1.41	1.17	6.76
Experiment Mean	2.10	2.74	1.68	1.20	7.72
CV (%)	19.21	14.01	12.32	13.12	11.20
MCV (%)	26.76	19.52	17.16	18.27	15.61
LSD (0.05)	0.56	0.53	0.29	0.22	1.20
LSD (0.25)	0.33	0.31	0.17	0.13	0.70

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

DESIGN: Randomized block                      PLOT SIZE: 5 rows 3' by 12'  
METHOD OF SEEDING: Carter cone drill PLANTING DATE: 8-20-2013  
SOIL TYPE: Crete silt loam                      REPS: 4