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NEBRASKA
2015 Alfalfa Variety Test Results
Havelock, Lancaster County, Agronomy Research Farm
Irrigated -- Fall 2013 Seeding

Entry	2014 ^{1,2}	Dry Matter Tons/Acre*					2-year Total
		2015					
		2-May	8-Jul	26-Aug	6-Oct	Total	
<u>Released cultivars</u>							
Stockpile	7.57	2.66	2.51	1.95	1.47	8.59	16.15
MarinerIV	7.96	2.72	2.40	1.79	1.27	8.19	16.14
Enhancer II	7.60	2.75	2.63	1.69	1.26	8.33	15.93
Vernal	7.08	2.40	2.52	2.43	1.16	8.51	15.59
Wrangler	7.14	2.63	2.50	2.16	1.15	8.43	15.57
<u>Experimental Strains</u>							
372HY	8.96	2.90	3.13	1.77	1.29	9.09	18.05
msSunstra-803QR	8.50	2.74	2.83	1.74	1.43	8.75	17.24
FSG 423ST	8.21	2.96	2.75	1.92	1.31	8.95	17.16
FSG 403LR	8.20	2.89	2.43	1.98	1.35	8.64	16.83
msSunstra-803	8.36	2.77	2.58	1.73	1.29	8.37	16.72
AGRMS-102	8.13	3.11	2.20	1.73	1.32	8.37	16.50
DG 4210	7.85	2.73	2.68	1.54	1.33	8.28	16.13
AGRMS-101	7.47	2.78	2.69	1.73	1.22	8.42	15.89
DKA44-16RR	7.73	2.59	2.58	1.62	1.30	8.09	15.82
CW085028	7.89	2.87	2.25	1.57	1.22	7.91	15.80
DKA41-18RR	7.55	2.60	2.74	1.60	1.22	8.17	15.72
DKA43-22RR	7.67	2.65	2.27	1.69	1.24	7.86	15.53
FSG 424	7.42	2.41	2.48	1.58	1.29	7.76	15.18
55Q27	7.36	2.54	2.31	1.62	1.25	7.72	15.08
FGR57OK217	7.35	2.56	2.20	1.62	1.32	7.70	15.05
FSG 524	7.05	2.19	2.41	1.33	1.25	7.18	14.23
AGRMS-103	6.89	2.58	2.15	NA ³	NA ³	NA ³	NA ³
Experiment Mean	7.72	2.68	2.50	1.75	1.28	3.04	10.79
CV (%)	8.39	12.23	17.27	16.98	10.80	11.09	9.66
MCV (%)	14.63	29.96	36.91	43.79	40.70	26.84	13.28
LSD (0.05)	1.13	0.80	0.92	0.76	0.52	0.81	1.43
LSD (0.25)	0.66	0.47	0.54	0.45	0.30	0.48	0.84

¹=no seeding year harvests

²=4 cuts

³=weak stand overcome by weeds

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

PLOT SIZE: 5 rows 3' by 12'
PLANTING DATE: 8-20-2013
REPS: 4