

ROS17

Minnesota
 University of Minnesota-Department of Agronomy and Plant Genetics
 Rosemount, Dakota County, UMore Park
 Sown May 10, 2017

Entry (by total yield)	2017			2018					2018 Total	1 Year Total	Relative Yield 1 Yr % of Checks	Seeding Yr Total	Relative Yield Seeding-Yr % of Checks
	Harvest (tons DM/acre)			Harvest (tons DM/acre)									
	13-Jul	23-Aug	Total	1-Jun	28-Jun	27-Jul	6-Sep	Total					
Released Varieties													
SW 4107	1.17	1.06	2.23	3.46	1.52	1.24	1.09	7.31	7.31	7.31	125	2.23	108
msSuntra-144110	1.12	1.17	2.29	3.45	1.52	1.09	1.22	7.27	7.27	7.27	124	2.29	111
SW 5210	1.23	1.08	2.31	3.52	1.50	1.14	1.10	7.25	7.25	7.25	124	2.31	112
AFX 469	1.15	1.05	2.20	3.27	1.57	1.13	1.05	7.01	7.01	7.01	120	2.20	107
AFX 429	0.87	0.93	1.80	3.25	1.57	1.13	1.07	7.01	7.01	7.01	120	1.80	87
SW 3407	0.94	1.05	1.98	3.29	1.48	1.10	1.14	7.01	7.01	7.01	120	1.98	96
FSG 415 BR ALFALFA	0.90	1.06	1.96	3.13	1.39	1.07	1.14	6.72	6.72	6.72	115	1.96	95
QUAIL	1.18	1.04	2.22	3.15	1.45	1.11	1.01	6.72	6.72	6.72	115	2.22	108
ROBIN	0.93	1.25	2.18	3.18	1.32	1.11	1.08	6.69	6.69	6.69	114	2.18	106
VIKING 372 HD	0.79	1.01	1.80	2.96	1.40	1.06	0.97	6.39	6.39	6.39	109	1.80	87
KING BIRD	0.91	1.05	1.96	3.03	1.42	0.94	0.92	6.31	6.31	6.31	108	1.96	95
LUZELLE ALFALFA	0.90	1.00	1.89	2.85	1.29	0.85	1.00	5.99	5.99	5.99	102	1.89	92
LUKAL ALFALFA	1.08	1.30	2.37	2.68	1.23	0.66	1.18	5.74	5.74	5.74	98	2.37	115
Checks													
VERNAL	0.89	1.15	2.04	2.82	1.07	0.85	1.09	5.82	5.82	5.82	99	2.04	99
ONEIDA VR	0.98	1.08	2.05	2.70	1.22	0.79	0.95	5.66	5.66	5.66	97	2.05	99
5312	0.90	1.20	2.10	2.93	1.18	0.89	1.10	6.11	6.11	6.11	104	2.10	102
3 Check Mean	0.92	1.14	2.06	2.82	1.16	0.84	1.05	5.86	5.86	5.86	100	2.06	100
Mean	0.99	1.09	2.08	3.10	1.38	1.01	1.07	6.56	6.56	6.56	112	2.08	101
LSD 5%	0.30	0.18	0.37	0.40	0.20	0.15	0.19	0.75	0.75	0.75	13	0.37	18
CV %	21.2	12.0	12.5	9.1	10.0	10.3	12.6	8.0	8.00	8.0	8.0	12.5	12.5