

OKLAHOMA
 Chickasha, Grady County
 Central Oklahoma Research Station
 Irrigated, Sown September 2000

Entry (Generation)	2002						2001 Total	2-Yr.	
	5/20	6/20	7/23	8/19	9/18	Total		Total	NN*
Tons Dry Matter/Acre									
Released Cultivars									
Buffalo	1.91	1.96	1.68	1.62	1.59	8.76	6.30	15.06	15.24
OK 201 (Syn 4)	1.88	1.92	1.62	1.56	1.61	8.59	6.24	14.82	15.02
OK 200 (Syn 4)	1.84	1.91	1.52	1.44	1.52	8.22	6.38	14.60	14.59
OK 199 (Syn 3)	1.84	1.92	1.47	1.46	1.54	8.22	6.39	14.61	14.58
OK 49 (C)	1.76	1.90	1.37	1.41	1.53	7.97	6.38	14.35	14.49
Garst 6420	1.95	1.96	1.46	1.44	1.50	8.31	6.41	14.71	14.35
OK 169 (Syn 4)	1.96	1.95	1.53	1.46	1.48	8.37	5.90	14.26	14.25
Magnum IV	2.00	1.99	1.36	1.31	1.45	8.11	6.24	14.35	14.15
Garst 631	1.90	1.96	1.36	1.29	1.47	7.98	6.52	14.50	14.05
54V54	1.81	1.83	1.31	1.35	1.48	7.78	6.27	14.04	13.82
54H55	1.86	1.97	1.42	1.38	1.44	8.06	6.02	14.08	13.67
Dagger +EV	1.83	1.84	1.18	1.23	1.49	7.57	6.06	13.63	13.54
Experimental Strains									
OK 213 (Syn 3)	1.91	1.98	1.54	1.51	1.54	8.48	6.13	14.60	14.96
OK 215 (Syn 2)	1.86	1.89	1.51	1.44	1.53	8.22	6.05	14.27	14.58
OK 187 (Syn 2)	2.01	1.93	1.55	1.41	1.47	8.37	6.26	14.63	14.51
OK 161 (Syn 4)	1.87	1.85	1.47	1.30	1.55	8.05	5.97	14.02	14.36
OK 216 (Syn 2)	1.87	1.90	1.34	1.36	1.56	8.03	5.88	13.91	14.00
OK 189 (Syn 3)	1.94	1.89	1.43	1.36	1.46	8.07	5.86	13.93	13.73
OK 163 (Syn 2)	1.89	1.81	1.27	1.23	1.41	7.61	5.53	13.14	13.42
OK 212 (Syn 2)	1.51	1.65	1.10	1.25	1.38	6.89	5.44	12.33	12.55
Mean	1.87	1.90	1.42	1.39	1.50	8.08	6.11	14.19	
5% LSD	0.18	0.14	0.16	0.19	0.10	0.51	0.44	0.77	
CV (%)	8.3	6.5	9.6	12.2	5.6	5.5	6.2	4.7	
MCV (%)	9.5	7.5	11.0	14.0	6.4	6.3	7.2	5.4	

LSR (%)	35.8	41.8	27.1	49.2	41.7	27.2	40.4	28.1
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Generation = (C) = from commercial bags
Design: Randomized Complete Block
No. of Reps: 6
Experiment: 031
*NN Total = Means adjusted by nearest neighbor analysis

MCV = $LSD/Mean \times 100$
LSR = $LSD/Range \times 100$
Plot Size: 1x5m planted
Plot Size: 1x5m harvested