

OKLAHOMA
 Stillwater, Payne County
 Agronomy Research Station
 Irrigated, Sown September 2000

Entry (Generation)	2002						2001	2-Yr.	
	5/16	6/21	7/23	8/30	10/15	Total	Total	Total	NN*
Tons Dry Matter/Acre									
Released Cultivars									
Y54V03	1.75	2.45	2.00	1.96	1.52	9.69	8.83	18.52	19.02
54V54	1.82	2.46	1.90	1.77	1.30	9.26	8.69	17.95	18.30
OK 200 (Syn 4)	1.79	2.41	2.05	1.88	1.40	9.51	8.16	17.67	18.11
OK 199 (Syn 3)	1.79	2.37	1.91	1.86	1.39	9.32	8.54	17.86	17.83
6420	1.90	2.41	1.88	1.80	1.30	9.28	8.60	17.89	17.80
54H55	1.62	2.36	1.82	1.71	1.42	8.94	7.98	16.92	17.50
OK 169 (Syn 4)	1.77	2.40	1.88	1.82	1.35	9.22	7.74	16.96	17.39
631	1.78	2.30	1.80	1.66	1.30	8.84	7.97	16.81	17.35
Dagger +EV	1.65	2.29	1.80	1.81	1.28	8.82	8.53	17.35	17.17
Magnum IV	1.85	2.37	1.81	1.70	1.23	8.97	8.03	16.99	16.64
OK 201 (Syn 4)	1.72	2.35	1.93	1.87	1.37	9.25	7.47	16.71	16.46
OK 49 (C)	1.68	2.30	1.94	1.86	1.35	9.12	7.53	16.65	16.24
HG 2000	1.99	2.38	1.76	1.66	1.18	8.97	7.36	16.32	16.07
Buffalo	1.53	2.01	1.89	1.77	1.28	8.47	6.28	14.75	14.55
Experimental Strains									
OK 163 (Syn 2)	1.69	2.44	1.99	1.83	1.35	9.29	8.66	17.95	18.02
OK 189 (Syn 3)	1.82	2.43	2.09	1.99	1.36	9.69	8.54	18.23	18.00
OK 161 (Syn 4)	1.84	2.29	1.76	1.66	1.20	8.76	8.34	17.09	17.49
ZC 9853A	1.39	2.13	1.95	1.92	1.48	8.87	8.76	17.63	17.39
ZC 9940A	1.76	2.31	1.75	1.84	1.33	8.98	8.35	17.33	17.28
ZC 9941A	1.78	2.28	1.81	1.80	1.32	8.99	8.44	17.43	17.22
96N07PP1	1.78	2.36	1.79	1.78	1.28	8.98	8.69	17.67	17.16
ZC 9950A	1.70	2.17	1.91	1.77	1.35	8.90	8.26	17.16	16.86
OK 213 (Syn 3)	1.73	2.24	1.82	1.77	1.26	8.82	6.93	15.75	15.67

96N05PL1	1.74	2.15	1.72	1.56	1.15	8.32	6.89	15.21	15.31
Mean	1.75	2.32	1.87	1.79	1.32	9.05	8.07	17.12	
5% LSD	0.12	0.16	0.12	0.13	0.12	0.45	0.61	0.89	
CV (%)	5.8	6.2	5.8	6.2	8.1	4.3	6.6	4.6	
MCV (%)	6.6	7.1	6.6	7.1	9.3	4.9	7.5	5.2	
LSR (%)	19.3	36.0	33.5	29.6	32.7	32.6	23.8	23.7	

Generation = (C) = from commercial bags
 Design: Randomized Complete Block
 No. of Reps: 6
 Experiment: 001

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

*NN Total = Means adjusted by nearest neighbor analysis