

# OKLAHOMA

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

Entry (Generation)	2001					Total	NN*
	4/30	6/4	7/2	8/3	9/12		
Tons Dry Matter/Acre							
<b>Released Cultivars</b>							
OK 49	1.39	1.64	0.48	1.55	1.32	6.38	6.48
Garst 631	1.50	1.66	0.41	1.59	1.36	6.52	6.35
Buffalo	1.33	1.56	0.53	1.50	1.39	6.30	6.32
Garst 6420	1.34	1.64	0.47	1.54	1.42	6.41	6.27
Magnum IV	1.44	1.61	0.42	1.47	1.31	6.24	6.18
Dagger +EV	1.38	1.60	0.43	1.34	1.32	6.06	6.14
54V54	1.43	1.60	0.37	1.56	1.31	6.27	6.09
54H55	1.33	1.59	0.45	1.32	1.33	6.02	5.87
<b>Experimental Strains</b>							
OK 213 Syn 3	1.33	1.56	0.53	1.37	1.35	6.13	6.37
OK 199 Syn 3	1.37	1.68	0.51	1.51	1.33	6.39	6.33
OK 201 Syn 4	1.29	1.60	0.56	1.35	1.45	6.24	6.30
OK 187 Syn 2	1.28	1.58	0.49	1.49	1.42	6.26	6.26
OK 200 Syn 4	1.35	1.58	0.56	1.60	1.30	6.38	6.22
OK 161 Syn 4	1.31	1.59	0.43	1.35	1.29	5.97	6.16
OK 215 Syn 2	1.37	1.59	0.45	1.39	1.26	6.05	6.10
OK 169 Syn 4	1.33	1.56	0.48	1.26	1.28	5.90	5.94
OK 216 Syn 2	1.21	1.58	0.49	1.32	1.29	5.88	5.93
OK 189 Syn 3	1.30	1.48	0.46	1.32	1.31	5.86	5.78
OK 163 Syn 2	1.21	1.53	0.44	1.11	1.23	5.53	5.64
OK 212 Syn 2	1.11	1.39	0.48	1.29	1.17	5.44	5.51
Mean	1.33	1.58	0.47	1.41	1.32	6.11	
5% LSD	0.16	0.09	0.10	0.32ns	0.15ns	0.44	
CV (%)	10	5	18	20	10	6	
MCV (%)	12	6	21	23	11	7	
LSR (%)	40	31	54	65	54	40	

\*NN Total = Means adjusted by nearest neighbor analysis  
 ns = F value is not significant at p = 0.05  
 Design: Randomized Complete Block  
 No. of Reps: 6  
 Experiment: 031

MCV = LSD/Mean x 100  
 LSR = LSD/Range x 100  
 Plot Size: 1x5m planted  
 Plot Size: 1x5m harvested