

OKLAHOMA

Perkins, Agronomy Research Station, Payne County
Rainfed, Sown September 2000

Entry (Generation)	2001			NN*
	5/3	6/17	Total	
Tons Dry Matter/Acre				
Released Cultivars				
Garst 6420	0.84	1.54	2.38	2.41
Magnum IV	0.83	1.45	2.28	2.31
OK 49	0.85	1.40	2.24	2.27
Garst 631	0.75	1.48	2.22	2.17
Dagger +EV	0.78	1.42	2.19	2.16
Buffalo	0.67	1.20	1.87	1.93
Experimental Strains				
OK 169 Syn 4	0.97	1.46	2.43	2.41
OK 161 Syn 4	0.77	1.43	2.20	2.28
OK 200 Syn 4	0.81	1.45	2.26	2.27
OK 163 Syn 2	0.78	1.42	2.19	2.19
OK 213 Syn 3	0.84	1.42	2.26	2.19
OK 189 Syn 3	0.82	1.37	2.19	2.17
OK 216 Syn 2	0.85	1.40	2.25	2.17
OK 199 Syn 3	0.76	1.40	2.16	2.16
OK 215 Syn 2	0.80	1.37	2.16	2.14
OK 187 Syn 2	0.84	1.36	2.19	2.12
OK 201 Syn 4	0.75	1.30	2.05	2.08
OK 212 Syn 2	0.59	1.19	1.77	1.87
Mean	0.79	1.39	2.18	
5% LSD	0.17ns	0.12	0.24	
CV (%)	19	8	9	
MCV (%)	21	9	11	
LSR (%)	45	34	36	

*NN Total = Means adjusted by nearest neighbor analysis

ns = F value is not significant at p = 0.05

MCV = LSD/Mean x 100

Design: Randomized Complete Block

LSR = LSD/Range x 100

No. of Reps: 6

Plot Size: 1x5m planted

Experiment: 021

Plot Size: 1x5m harvested

Plowed up October 2001 due to poor stand, low yield, high variability