

OKLAHOMA
Cherokee, Alfalfa County
Rain-fed, Sown September 1998

Entry (Generation)	1999			2000				2-Yr. Total	2-Yr. NN*
	6/9	7/23	Total	5/12	7/5	8/10	Total		
Tons Dry Matter/Acre									
OK 49 (Com)	3.09	1.70	4.79	2.69	2.42	1.42	6.52	11.31	11.37
Magnum V Syn 3	3.00	1.80	4.80	2.57	2.43	1.44	6.43	11.24	11.10
Reward Syn 3	2.90	1.65	4.54	2.58	2.31	1.33	6.21	10.76	11.04
WL 324 Syn 3	2.86	1.69	4.55	2.52	2.20	1.15	5.87	10.43	10.94
Garst 630 Syn 3	3.00	1.81	4.80	2.56	2.28	1.33	6.16	10.97	10.92
DK 142 Syn 2	3.08	1.78	4.86	2.57	2.34	1.27	6.18	11.04	10.88
ZC 9650	3.00	1.72	4.72	2.58	2.21	1.25	6.03	10.75	10.88
OK 208 Syn 3	3.05	1.66	4.71	2.51	2.30	1.34	6.16	10.86	10.86
Affinity +Z (Com)	3.10	1.76	4.86	2.67	2.25	1.26	6.19	11.05	10.84
Dagger+EV (Com)	2.95	1.68	4.63	2.56	2.28	1.25	6.10	10.73	10.84
Enhancer Syn 3	2.99	1.66	4.65	2.65	2.32	1.39	6.36	11.01	10.79
Cimarron 3i Syn 3	2.88	1.53	4.41	2.55	2.22	1.16	5.94	10.32	10.69
OK 207 Syn 3	2.94	1.65	4.59	2.50	2.27	1.35	6.11	10.71	10.67
OK 164 Syn 1	2.95	1.57	4.53	2.50	2.25	1.29	6.05	10.57	10.58
CW 6585 Syn 2	3.02	1.79	4.81	2.50	2.29	1.31	6.09	10.90	10.54
Garst 6420 Syn 3	2.75	1.61	4.36	2.52	2.20	1.26	5.99	10.35	10.51
OK 206 Syn 3	3.10	1.69	4.78	2.46	2.13	1.31	5.91	10.69	10.49
CW 6425 Syn 2	2.89	1.66	4.55	2.36	2.08	1.17	5.60	10.15	10.48
Boggs' Buffalo (Com)	2.72	1.73	4.45	2.21	2.28	1.66	6.15	10.66	10.47
OK 163 Syn 1	2.98	1.64	4.62	2.51	2.17	1.19	5.87	10.49	10.39
WL 414 Syn 3	2.88	1.80	4.68	2.39	2.23	1.41	6.04	10.72	10.35
CW 6408 Syn 2	2.85	1.76	4.61	2.32	2.15	1.16	5.63	10.16	10.32
DK 143 Syn 2	2.82	1.63	4.45	2.53	2.26	1.22	6.02	10.47	10.26
CW 6539 Syn 2	2.88	1.75	4.63	2.34	2.08	1.09	5.51	10.12	10.24
Mean	2.94	1.70	4.64	2.51	2.25	1.29	6.05	10.69	10.69
5% LSD	0.24	0.26 ns	0.42 ns	0.20	0.21ns	0.23	0.57ns	0.92ns	-
CV (%)	7	13	8	7	8	15	8	8	-
MCV (%)	8	15	9	8	9	18	9	9	-
LSR (%)	63	93	84	42	60	40	56	77	-

Generation = (Com) = from commercial bags

ns = F value is not significant at p = 0.05

Design: Randomized Complete Block

*NN Total = Means adjusted by nearest neighbor analysis

Experiment: 872

MCV = LSD/Mean x 100

LSR = LSD/Range x 100

Plot Size 1x5m planted

Plot Size 1x5m harvested