

# OKLAHOMA

Chickasha, Central Oklahoma Research Station, Grady County  
Irrigated, Sown September 1998

Entry (Generation)	1999						2000						2-Yr. Total	2-Yr. NN*
	5/3	6/11	7/8	8/11	9/21	Total	4/18	5/24	7/5	8/9	9/6	Total		
Tons Dry Matter/Acre														
OK 210 Syn 3	2.14	2.21	1.17	1.00	1.33	7.85	1.15	1.50	2.27	1.76	1.32	8.00	15.86	16.31
OK 49 (Com)	2.34	2.20	1.15	0.95	1.36	8.00	1.36	1.57	2.35	1.95	1.45	8.68	16.68	16.11
Magnum V Syn 3	2.35	2.30	1.13	0.92	1.30	8.01	1.15	1.33	2.18	1.69	1.14	7.49	15.49	16.06
DSS 5106 Syn 2	2.45	2.19	1.05	0.86	1.29	7.83	1.20	1.35	2.12	1.66	1.24	7.56	15.39	15.94
OK 208 Syn 3	2.09	2.11	1.06	0.93	1.33	7.51	1.11	1.42	2.25	1.76	1.29	7.83	15.35	15.88
OK 209 Syn 3	2.14	2.17	1.13	0.93	1.35	7.73	1.10	1.44	2.14	1.83	1.33	7.83	15.56	15.82
WL 414 Syn 3	2.10	2.04	1.03	0.95	1.39	7.51	1.10	1.51	2.19	1.88	1.42	8.11	15.62	15.51
97-210 (WL) Syn 2	2.10	2.09	1.08	0.95	1.34	7.56	1.02	1.46	2.22	1.80	1.34	7.84	15.40	15.34
Garst 630 Syn 3	2.25	2.29	1.12	0.90	1.37	7.94	1.12	1.28	2.15	1.73	1.22	7.51	15.45	15.33
Reward Syn 3	2.28	2.23	1.16	0.90	1.28	7.85	1.14	1.40	2.17	1.68	1.21	7.61	15.46	15.19
ABT 400 SCL Syn 3	2.31	2.19	1.13	0.99	1.36	7.99	1.14	1.38	2.12	1.72	1.14	7.50	15.49	15.18
Garst 631 Syn 3	2.33	2.26	1.08	0.93	1.34	7.94	1.04	1.25	2.09	1.63	1.21	7.23	15.17	15.14
Enhancer Syn 3	2.36	2.30	1.08	0.73	1.30	7.77	1.12	1.30	2.15	1.64	1.18	7.40	15.17	15.12
Dagger+EV (Com)	2.31	2.28	1.07	0.85	1.30	7.80	1.04	1.23	2.07	1.59	1.16	7.08	14.88	14.83
Bogg's Buffalo (Com)	1.95	1.94	1.10	0.85	1.26	7.10	0.98	1.47	2.08	1.90	1.44	7.88	14.99	14.81
Cimarron 3i Syn 3	2.32	2.24	0.96	0.88	1.35	7.75	1.14	1.26	2.01	1.62	1.07	7.10	14.85	14.78
ZC 9741 A	2.54	2.19	0.95	0.83	1.24	7.75	1.06	1.15	1.90	1.48	1.04	6.63	14.38	14.60
OK 211 Syn 3	2.06	2.08	1.08	0.78	1.30	7.30	1.11	1.33	2.05	1.70	1.19	7.38	14.68	14.56
WL 324 Syn 3	2.18	2.16	1.08	0.85	1.33	7.60	1.02	1.02	1.98	1.40	0.99	6.41	14.01	14.47
ZC 9650	2.24	2.20	1.06	0.88	1.29	7.68	1.07	1.28	2.05	1.57	1.15	7.13	14.81	14.46
AmeriGraze 401+Z(Com)	2.24	2.21	0.96	0.79	1.38	7.58	1.04	1.11	1.99	1.44	1.05	6.62	14.20	14.34
ABT 350 Syn 3	2.25	2.15	1.06	0.83	1.24	7.53	0.99	1.06	2.01	1.38	1.01	6.45	13.98	14.29
WL 325 HQ Syn 3	2.15	2.10	1.05	0.73	1.28	7.31	0.98	1.19	2.03	1.48	1.16	6.84	14.15	14.18
Garst 6420 Syn 3	2.29	2.27	1.02	0.85	1.29	7.71	1.03	1.19	2.08	1.55	1.18	7.03	14.73	14.16
ZC 9640 A	2.27	2.18	1.02	0.87	1.33	7.67	1.01	1.12	2.00	1.43	1.02	6.58	14.25	14.05
DK 143 Syn 3	2.31	2.25	1.04	0.86	1.29	7.74	0.97	1.08	1.92	1.36	1.00	6.32	14.07	14.03
DK 142 Syn 2	2.33	2.30	0.97	0.85	1.24	7.70	1.00	1.02	1.92	1.36	0.96	6.26	13.96	14.02
Garst 6410 Syn 3	2.15	2.17	1.02	0.82	1.24	7.41	0.97	1.12	1.86	1.46	1.13	6.55	13.96	13.45
Mean	2.25	2.19	1.07	0.87	1.31	7.68	1.08	1.28	2.08	1.62	1.18	7.24	14.93	14.93
5% LSD	0.14	0.11	0.15 <sub>ns</sub>	.19 <sub>ns</sub>	.17 <sub>ns</sub>	0.46	0.15	0.24	0.18	0.25	0.19	0.92	1.19	-
CV (%)	5	4	13	19	11	5	12	16	7	14	14	11	7	-
MCV (%)	6	5	14	22	13	6	14	19	9	15	16	13	8	-
LSR (%)	24	31	71	70	131	51	38	44	37	42	39	38	44	-

Generation = (Com) = from commercial bags

Design: Randomized Complete Block

No. of Reps: 6

\*NN Total = Means adjusted by nearest neighbor analysis

ns = F value is not significant at p = 0.05

MCV = LSD/Mean x 100

LSR = LSD/Range x 100

Plot Size: 1x5m planted

Plot Size: 1x5m harvested

Experiment: 831