

OKLAHOMA

Stillwater, Agronomy Research Station, Payne County, Irrigated, Sown September 1998, Experiment 801

Entry (Generation)	1999					2000					2-Yr. Total	2-yr NN* Total
	5/28	7/7	8/10	10/12	Total	4/27	5/31	7/12	10/4	Total		
Tons Dry Matter/Acre												
DSS 5106 Syn 2	4.01	3.09	2.53	1.70	11.32	2.87	1.95	2.39	1.76	8.98	20.30	19.99
OK 188 Syn 1	3.73	2.55	2.52	1.54	10.34	2.70	1.86	2.29	1.70	8.55	18.89	19.66
Magnum V Syn 3	3.90	3.02	2.56	1.64	11.12	2.88	1.98	2.35	1.69	8.90	20.02	19.59
OK 188 Syn 3	3.75	2.76	2.56	1.48	10.55	2.76	1.87	2.15	1.64	8.42	18.97	19.55
Cimarron 3i Syn 3	4.09	2.80	2.26	1.51	10.67	2.61	1.73	2.04	1.59	7.96	18.63	19.51
OK 49 (Com)	3.82	2.81	2.42	1.64	10.69	2.77	1.90	2.19	1.62	8.48	19.18	19.31
CW 6425 Syn 2	3.85	3.17	2.55	1.56	11.13	2.51	1.90	2.36	1.61	8.38	19.51	19.30
CW 6539 Syn 2	4.14	2.90	2.37	1.57	10.98	2.59	1.80	2.21	1.60	8.20	19.18	19.27
97N08PP1	3.44	2.94	2.68	1.84	10.90	2.75	1.85	2.36	1.84	8.81	19.71	19.24
OK 208 Syn 3	3.75	2.71	2.35	1.64	10.45	2.65	1.85	2.21	1.67	8.39	18.84	19.23
OK 189 Syn 2	3.70	2.67	2.51	1.63	10.50	2.62	1.83	2.30	1.68	8.42	18.92	19.11
Reward Syn 3	3.92	2.88	2.40	1.53	10.73	2.84	1.91	2.29	1.69	8.74	19.47	18.98
97N07PP1	3.49	2.82	2.61	1.58	10.50	2.63	1.88	2.22	1.77	8.50	19.00	18.89
CW 6585 Syn 2	3.73	2.97	2.36	1.57	10.62	2.53	1.80	2.25	1.60	8.17	18.79	18.83
OK 187 Syn 1	3.73	2.51	2.52	1.54	10.30	2.63	1.82	2.25	1.58	8.28	18.57	18.67
CW 6408 Syn 2	4.09	3.02	2.44	1.43	10.97	2.48	1.81	2.26	1.49	8.04	19.01	18.66
ABT 400 SL Syn 3	3.88	2.93	2.54	1.55	10.90	2.63	1.81	2.09	1.65	8.18	19.08	18.61
OK 207 Syn 3	4.00	2.71	2.32	1.47	10.49	2.60	1.81	2.19	1.58	8.17	18.67	18.60
AmeriGraze 401 +Z	3.80	2.76	2.22	1.54	10.33	2.41	1.75	2.21	1.69	8.06	18.39	18.34
OK 164 Syn 1	3.89	2.51	2.23	1.55	10.18	2.67	1.78	1.98	1.47	7.90	18.08	18.34
OK 164 Syn 3	3.82	2.58	2.40	1.45	10.25	2.73	1.76	2.13	1.62	8.23	18.49	18.34
ABT 350 Syn 3	3.70	2.73	2.33	1.51	10.26	2.51	1.63	2.06	1.55	7.75	18.01	18.25
WL 324 Syn 3	3.83	2.71	2.26	1.66	10.46	2.61	1.77	2.07	1.46	7.91	18.37	18.23
Garst 630 Syn 3	3.68	2.76	2.45	1.54	10.44	2.59	1.85	2.30	1.56	8.30	18.74	18.20
OK 206 Syn 3	3.25	2.55	2.10	1.67	9.57	2.32	1.66	2.25	1.85	8.08	17.64	18.07
OK 163 Syn 1	3.69	2.43	2.29	1.48	9.90	2.53	1.73	2.07	1.44	7.76	17.66	17.99
Garst 6410 Syn 3	3.63	2.88	2.29	1.43	10.23	2.38	1.72	2.15	1.43	7.68	17.91	17.72
Boggs' Buffalo (Com)	3.09	2.68	2.53	1.48	9.78	2.67	1.82	2.18	1.56	8.23	18.01	17.58
Mean	3.76	2.78	2.41	1.56	10.52	2.62	1.82	2.21	1.62	8.27	18.79	18.79
5% LSD	0.35	0.21	0.33 ns	0.21 ns	0.77	0.31	0.17	0.26ns	0.18	0.66	1.27	0.24
CV (%)	8	6	12	12	6	10	8	10	10	7	6	1
MCV (%)	9	8	14	13	7	12	9	12	11	8	7	1
LSR (%)	33	28	57	51	44	55	49	63	43	51	48	10

Generation = (Com) = from commercial bags

ns = F value is not significant at p = 0.05

Design: Randomized Complete Block

No. of Reps: 6

Experiment: 801

*NN Total = Means adjusted by nearest neighbor analysis

8/15/00 - Yields not recorded. Highly variable and low yield.

MCV = LSD/Mean x 100

LSR = LSD/Range x 100

Plot Size: 1x5m planted

Plot Size: 1x5m harvested