

OKLAHOMA

Tipton, Southwest Agronomy Research Station, Tillman County, Rain-fed, Sown September 1997, Experiment: 761

Entry (Generation)	1998						1999					2000				3-Yr. Total	3-Yr. NN*
	4/22	5/29	7/1	8/3	10/23	Total	4/27	6/1	7/1	10/11	Total	4/28	6/6	7/5	Total		
Tons Dry Matter/Acre																	
OK 208 Syn 2	4.35	1.73	0.66	1.45	0.35	8.54	1.50	1.00	1.32	1.27	5.09	2.06	1.15	1.94	5.15	19.35	19.69
OK 199 Syn 3	4.24	1.60	0.61	1.33	0.33	8.11	1.56	0.97	1.23	1.31	5.07	1.80	1.01	1.90	4.70	18.51	19.54
OK 209 Syn 2	4.29	1.68	0.71	1.57	0.41	8.66	1.49	1.06	1.36	1.28	5.18	1.85	1.04	1.96	4.85	19.30	19.32
OK 169 Syn 3	4.29	1.72	0.76	1.56	0.41	8.74	1.53	1.01	1.27	1.23	5.05	1.84	1.03	1.97	4.84	19.02	19.13
OK 49 (C)	4.21	1.73	0.71	1.54	0.49	8.68	1.64	1.08	1.35	1.22	5.30	2.10	1.12	1.95	5.17	19.64	19.04
Garst 631 Syn 3	4.32	1.73	0.70	1.48	0.39	8.62	1.51	1.05	1.34	1.29	5.20	1.84	1.06	1.95	4.84	19.35	18.92
OK 206 Syn 3	4.35	1.80	0.64	1.42	0.35	8.56	1.47	0.99	1.34	1.28	5.08	1.82	1.03	1.97	4.83	19.05	18.85
Enhancer Syn 3	4.06	1.57	0.62	1.52	0.35	8.12	1.49	1.05	1.31	1.32	5.17	2.10	1.17	2.00	5.27	19.06	18.63
Cimarron 3i Syn 3	4.64	1.81	0.60	1.55	0.37	8.96	1.81	1.12	1.42	1.23	5.59	2.06	0.94	1.79	4.79	19.32	18.54
OK 164 Syn 2	4.21	1.60	0.60	1.28	0.34	8.02	1.42	0.96	1.22	1.23	4.84	1.85	1.01	1.79	4.65	18.06	18.39
OK 207 Syn 3	4.17	1.71	0.60	1.41	0.35	8.24	1.46	1.01	1.29	1.26	5.02	1.79	0.98	1.89	4.67	18.41	18.37
OK 214 Blend	4.04	1.45	0.61	1.37	0.37	7.84	1.31	0.89	1.15	1.24	4.59	1.67	0.95	1.89	4.52	17.46	18.18
Nowakowski's Buffalo (C)	3.86	1.66	0.78	1.65	0.44	8.39	1.37	0.90	1.31	1.27	4.86	1.49	0.94	1.91	4.34	17.95	18.00
OK 211 Syn 2	4.21	1.60	0.62	1.38	0.29	8.09	1.39	0.97	1.21	1.22	4.79	1.64	0.87	1.89	4.40	17.89	18.00
Boggs' Buffalo (C)	4.02	1.54	0.67	1.45	0.34	8.03	1.39	0.96	1.28	1.26	4.90	1.87	1.13	1.99	4.99	18.56	18.00
OK 210 Syn 2	4.01	1.50	0.60	1.36	0.32	7.78	1.23	0.89	1.12	1.21	4.44	1.74	0.97	1.92	4.63	17.40	17.93
Garst 630 (C)	4.08	1.43	0.56	1.39	0.31	7.77	1.43	0.98	1.26	1.20	4.87	1.91	1.10	1.88	4.89	18.02	17.91
WL 324 Syn 3	4.15	1.62	0.62	1.50	0.33	8.23	1.56	1.09	1.41	1.16	5.23	1.92	1.02	1.88	4.81	18.88	17.64
OK 212 Syn 1	3.27	1.51	0.55	1.24	0.35	6.91	1.08	0.67	1.05	1.18	3.97	1.70	0.94	1.86	4.50	16.41	17.48
Good As Gold (C)	3.97	1.50	0.52	1.40	0.33	7.72	1.25	0.92	1.19	1.16	4.52	1.74	0.91	1.79	4.44	17.11	17.19
Mean	4.14	1.62	0.64	1.44	0.36	8.20	1.45	0.98	1.27	1.24	4.94	1.84	1.02	1.91	4.77	18.44	18.44
5% LSD	0.45	0.28ns	0.12	0.26ns	0.13ns	0.92	0.35 ns	0.20	0.25 ns	0.14 ns	0.84 ns	0.39NS	0.21NS	0.21NS	0.7NS	2.02NS	-
CV (%)	9	15	16	16	30	10	19	16	16	9	14	17	17	9	12	9	-
MCV (%)	11	17	19	18	36	11	24	20	20	11	17	21	21	11	15	11	-
LSR (%)	33	74	46	63	65	45	48	44	68	87	52	64	70	100	76	63	-

Generation = (C) = from commercial bags

ns = F value is not significant at p = 0.05

Design: Randomized Complete Block

No. of Reps: 6

Experiment: 761

*NN Total = Means adjusted by nearest neighbor analysis

All Plots 100 % Stand Dec. 1998

MCV = LSD/Mean x 100

LSR = LSD/Range x 100

Plot Size: 1 x 5 m planted

Plot Size: 1 x 5 m harvested