

OKLAHOMA
 Stillwater, Agronomy Research Station, Payne County
 Irrigated, Sown September 2001

Entry (Generation)	2004						2003 Total	2002 Total	3-Yr Total
	5/5	6/14	7/13	8/19	10/18	Total			
Tons Dry Matter/Acre									
OK 200 Syn 4	2.30	2.41	1.80	1.65	1.49	9.65	10.33	9.58	29.56
54Q53	2.10	2.33	1.77	1.53	1.32	9.05	10.44	9.69	29.18
OK 199 Syn 3	2.18	2.28	1.63	1.53	1.51	9.13	9.95	9.50	28.58
Good As Gold II	2.25	2.27	1.64	1.44	1.40	9.01	9.89	9.68	28.57
OK 169 Syn 4	2.17	2.24	1.58	1.45	1.41	8.85	10.14	9.57	28.56
WL 342	2.21	2.29	1.71	1.64	1.43	9.28	9.72	9.44	28.46
631	2.08	2.22	1.66	1.43	1.32	8.70	10.12	9.45	28.28
OK 49 Syn 3 (old)	2.10	2.17	1.54	1.45	1.43	8.70	9.64	9.88	28.22
HybriForce-400	2.00	2.17	1.45	1.23	1.22	8.07	9.81	10.13	28.01
Reward II	2.01	2.18	1.51	1.30	1.38	8.38	9.66	9.76	27.79
OK 201 Syn 4	2.10	2.13	1.54	1.48	1.44	8.70	9.97	9.03	27.69
OK 49	2.09	2.14	1.47	1.34	1.45	8.48	9.55	9.61	27.63
Cimarron	2.06	2.15	1.41	1.35	1.44	8.41	9.73	9.31	27.44
Pawnee	2.06	2.15	1.59	1.42	1.40	8.61	9.48	9.02	27.11
Ameristand 403T	2.01	2.10	1.47	1.32	1.16	8.06	9.14	9.50	26.70
Cimarron 3i	2.15	2.04	1.27	1.16	1.25	7.88	9.18	9.48	26.54
Dagger+EV	1.81	2.16	1.60	1.50	1.35	8.42	9.49	8.57	26.47
AmeriGraze 401+Z	1.76	2.07	1.42	1.23	1.20	7.67	9.06	9.32	26.05
Mean	2.08	2.20	1.56	1.41	1.37	8.61	9.74	9.47	27.82
5% LSD	0.21	0.10	0.14	0.18	0.10	0.50	0.57	0.55	1.15
CV (%)	8.9	4.0	7.7	11.3	6.6	5.0	5.1	5.1	3.6
Design: Randomized Complete Block									
No. of Reps: 6									
Experiment: 101									
Plot Size: 1x5m planted									
Plot Size: 1x5m harvested									
Note: Nearest Neighbor analysis did not improve these results.									

OKLAHOMA
Chickasha, South Central Research Station, Grady County
Irrigated, Sown September 2003

ENTRY	2004				Total	Total NN*
	4/21	5/25	7/12	8/17		
Tons Dry Matter/Acre						
Garst 6420	2.43	1.47	2.21	2.15	8.25	8.17
OK 49	2.29	1.48	2.08	2.15	8.00	8.13
Good As Gold II	2.37	1.42	2.12	2.16	8.07	8.12
OK 200-3-S-Reg	2.19	1.45	2.13	2.28	8.06	8.10
DS 218Hyb	2.20	1.50	2.11	2.31	8.11	8.05
OK 200-3-C-Reg	2.30	1.47	2.08	2.28	8.14	8.03
HybriForce-420Wet	2.26	1.43	2.08	2.09	7.85	7.86
OK 200-3-C-L	2.24	1.43	1.96	2.16	7.78	7.83
OK 200-3-S-S	2.22	1.28	1.94	2.21	7.64	7.80
55H05	2.24	1.44	1.94	2.16	7.78	7.78
OK 200-3-S-L	2.17	1.30	2.05	2.18	7.69	7.68
OK 200-3-C-M	2.27	1.33	1.96	2.16	7.72	7.66
HybriForce-400	2.28	1.32	2.04	2.00	7.63	7.66
OK 200-3-S-M	2.16	1.24	1.97	2.12	7.49	7.62
OK 200-3-C-S	2.22	1.39	1.94	2.12	7.68	7.58
5-Star	2.09	1.34	2.02	2.07	7.53	7.47
Garst 6530	2.20	1.28	1.97	2.03	7.48	7.35
Artesian Sunrise	1.96	1.32	1.86	2.15	7.28	7.29
6400 HT	2.13	1.30	1.95	1.95	7.33	7.28
WL 357 HQ	2.00	1.27	1.93	1.94	7.13	7.19
Mean	2.21	1.37	2.02	2.13	7.73	7.73
5% LSD	0.15	0.15	0.14	0.20	0.48	0.37
CV (%)	6.1	9.3	6.1	8.3	5.4	4.2

Design: Randomized Complete Block

No. of Reps: 6

Plot Size: 1x5m planted

Experiment: 331

Plot Size: 1x5m harvested

*Total NN = Means adjusted by nearest neighbor analysis.

Variety means are LSMEANS derived from nearest neighbor statistical analysis; therefore, season or multiple-year totals are not the arithmetic sum of individual cuts or years, respectively.

OK 200-3 is the syn 3 generation of a broad genetic germplasm. C = Seed was produced in Chickasha with poor bee activity; S = Seed was produced in Stillwater with good bee activity. L = Large seed; M = Medium seed; S = small seed; and Reg = The mix of seed sizes in the lot after reasonable cleaning.

OKLAHOMA
Perkins, Agronomy Research Station, Payne County
Rain-fed, Sown September 2003

Entry	2004					Total	Total NN*
	5/4	6/7	7/12	8/19	10/19		
	Tons Dry Matter/Acre						
OK 200-3-C-M	1.87	1.07	1.67	1.72	0.80	7.13	7.12
OK 200-3-C-Reg	1.92	1.05	1.60	1.72	0.85	7.13	7.10
OK 200-3-C-L	1.80	0.99	1.50	1.57	0.77	6.64	6.97
HybriForce-420Wet	1.79	1.12	1.72	1.69	0.70	7.02	6.93
OK 200-3-S-L	1.88	1.06	1.56	1.64	0.84	6.98	6.88
OK 200-3-S-Reg	1.82	1.01	1.51	1.57	0.77	6.68	6.82
OK 200-3-S-S	1.82	1.05	1.61	1.68	0.82	6.98	6.80
HybriForce-400	1.71	1.04	1.61	1.59	0.63	6.58	6.77
OK 200-3-C-S	1.90	1.02	1.59	1.66	0.74	6.91	6.77
OK 200-3-S-M	1.85	1.04	1.55	1.63	0.75	6.81	6.74
Good As Gold II	1.89	1.00	1.49	1.54	0.70	6.62	6.73
OK 199	1.76	1.05	1.49	1.67	0.82	6.79	6.63
Artesian Sunrise	1.78	1.03	1.53	1.59	0.76	6.70	6.63
OK 49	1.79	1.01	1.48	1.59	0.76	6.63	6.58
6400 HT	1.78	1.06	1.59	1.48	0.56	6.46	6.52
OK 201	1.69	0.96	1.44	1.59	0.80	6.47	6.49
Garst 6530	1.71	0.99	1.41	1.40	0.61	6.11	6.37
OK 169	1.40	0.94	1.45	1.60	0.84	6.23	5.98
Mean	1.79	1.03	1.54	1.61	0.75	6.72	6.72
5% LSD	0.12	0.08	0.16	0.16	0.10	0.42	0.37
CV (%)	6.2	7.2	9.1	8.6	11.8	6.1	4.8
Design: Randomized Complete Block							
No. of Reps: 6				Plot Size: 1x5m planted			
Experiment: 321				Plot Size: 1x5m harvested			
*Total NN = Means adjusted by nearest neighbor analysis.							
Variety means are LSMEANS derived from nearest neighbor statistical analysis; therefore, season or multiple-year totals are not the arithmetic sum of individual cuts or years, respectively.							

OK 200-3 is the syn 3 generation of a broad genetic germplasm. C = Seed was produced in Chickasha with poor bee activity; S = Seed was produced in Stillwater with good bee activity. L = Large seed; M = Medium seed; S = small seed; and Reg = The mix of seed sizes in the lot after reasonable cleaning.

OKLAHOMA
 Stillwater, Agronomy Research Station, Payne County
 Irrigated, Sown September 2003

Entry	2004					Total
	5/4	6/7	7/12	8/19	10/19	
Tons Dry Matter/Acre						
DS 218Hyb	2.57	2.33	2.04	1.73	1.59	10.26
OK 200-3-S-Reg	2.51	2.34	1.96	1.77	1.57	10.15
DS 187Hyb	2.51	2.27	2.00	1.73	1.53	10.03
OK 200-3-S-L	2.45	2.28	1.92	1.76	1.62	10.03
OK 49	2.67	2.30	1.93	1.61	1.52	10.02
OK 200-3-S-S	2.41	2.30	1.97	1.71	1.59	9.98
OK 200-3-S-M	2.40	2.26	1.98	1.66	1.48	9.78
Good As Gold II	2.45	2.27	1.89	1.62	1.53	9.76
HybriForce-400	2.63	2.28	1.84	1.57	1.42	9.74
OK 200-3-C-S	2.24	2.21	1.94	1.76	1.57	9.71
55H05	2.31	2.30	1.91	1.65	1.51	9.69
OK 200-3-C-Reg	2.26	2.25	1.89	1.71	1.57	9.68
OK 200-3-C-L	2.29	2.25	1.89	1.70	1.54	9.67
OK 200-3-C-M	2.25	2.21	1.92	1.71	1.55	9.64
HybriForce-420Wet	2.51	2.22	1.83	1.61	1.43	9.59
Garst 6420	2.47	2.26	1.85	1.56	1.45	9.58
WL 357 HQ	2.19	2.20	2.06	1.71	1.40	9.55
Expedition	2.21	2.22	2.05	1.67	1.37	9.51
Garst 6530	2.16	2.22	1.87	1.53	1.34	9.11
6400 HT	2.04	2.20	1.80	1.60	1.38	9.01
Mean	2.38	2.25	1.93	1.66	1.49	9.72
5% LSD	0.16	ns.10	0.10	0.10	0.12	0.43
CV (%)	6.0	3.9	4.7	5.1	6.9	3.8
Design: Randomized Complete Block No. of Reps: 6 Experiment: 301 Plot Size: 1x5m planted Plot Size: 1x5m harvested Note: Nearest Neighbor analysis did not improve these results. ns = no significance difference p=0.05						

OK 200-3 is the syn 3 generation of a broad genetic germplasm. C = Seed was produced in Chickasha with poor bee activity; S = Seed was produced in Stillwater with good bee activity. L = Large seed; M = Medium seed; S = small seed; and Reg = The mix of seed sizes in the lot after reasonable cleaning.

OKLAHOMA
Haskell, Eastern Research Station, Muskogee County
Rain-fed, Sown September 2002

Entry	2004						2003 Total	2-Year Total	2-Year Total NN*
	5/7	6/8	7/7	8/12	9/27	Total			
Tons Dry Matter/Acre									
OK 169 Syn 4	2.13	3.09	1.82	1.66	1.02	9.72	7.01	16.73	16.84
OK 199 Syn 3	2.11	3.11	1.79	1.73	1.05	9.78	6.97	16.75	16.75
OK 215 Syn 3	2.07	3.06	1.83	1.77	1.03	9.76	6.98	16.73	16.57
WL 342	2.08	3.02	1.81	1.59	0.85	9.36	6.72	16.07	16.48
OK 200 Syn 3('02)	2.00	2.98	1.84	1.75	1.12	9.67	6.68	16.36	16.37
WPAR02	2.34	2.94	1.58	1.55	0.97	9.38	6.82	16.21	16.30
OK 201 Syn 4	1.99	3.01	1.84	1.76	1.11	9.70	6.82	16.52	16.18
OK 49	2.15	2.88	1.81	1.74	1.03	9.60	6.86	16.46	16.17
5-Star	1.98	3.07	1.87	1.85	1.05	9.81	6.70	16.51	16.09
Good As Gold II	1.99	2.92	1.71	1.36	0.84	8.84	6.65	15.49	16.05
Rebound 4.2	1.96	2.96	1.73	1.44	0.79	8.89	6.64	15.52	15.99
OK 200 Syn 3('95)	2.00	3.04	1.79	1.77	1.07	9.66	6.48	16.14	15.86
ZC9953A	2.00	2.97	1.83	1.51	0.81	9.11	6.70	15.81	15.80
Cimarron	1.97	2.95	1.69	1.56	1.02	9.19	6.70	15.89	15.76
VL02	2.24	2.89	1.77	1.39	0.83	9.12	6.51	15.62	15.55
Cimarron 3i	2.01	2.83	1.68	1.37	0.85	8.74	6.62	15.35	15.39
Mean	2.06	2.98	1.77	1.61	0.96	9.40	6.74	16.13	16.14
5% LSD	0.20	ns0.19	0.11	0.24	0.22	0.74	ns 0.55	ns1.17	0.71
CV (%)	8.4	5.4	5.4	13.2	19.8	6.8	7.15	6.3	3.8

ns = no significance difference p=0.05

Design: Randomized Complete Block

No. of Reps: 6

Plot Size: 1x5m planted

Experiment: 251

Plot Size: 1x5m harvested

*Total NN = Means adjusted by nearest neighbor analysis.

Variety means are LSMEANS derived from nearest neighbor statistical analysis; therefore, season or multiple-year totals are not the arithmetic sum of individual cuts or years, respectively.

OKLAHOMA
Chickasha, South Central Research Station, Grady County
Irrigated, Sown September 2002

ENTRY	2004					2003 Total	2-Year Total	2-Year Total NN*
	4/21	5/25	7/12	8/17	Total			
	Tons Dry Matter/Acre							
OK 215 Syn 3	2.02	1.29	2.03	1.97	7.31	6.49	13.80	13.94
Good As Gold II	2.13	1.31	2.07	1.91	7.42	6.62	14.05	13.78
HybriForce-400	1.88	1.05	2.07	1.79	6.79	6.80	13.58	13.59
Magna 601	1.72	1.15	2.00	1.90	6.76	6.39	13.15	13.59
OK 49	1.97	1.19	2.02	1.91	7.10	6.24	13.33	13.47
WPAR02	2.26	1.20	2.04	1.83	7.32	6.34	13.66	13.36
Garst 631	2.00	1.24	2.07	1.83	7.13	6.33	13.47	13.34
WL 327	1.83	0.88	2.05	1.72	6.48	6.54	13.02	13.32
54Q25	2.00	1.21	2.02	1.80	7.03	6.43	13.46	13.31
DS 9809 Hyb	1.92	1.05	1.89	1.79	6.65	6.56	13.22	13.26
55H05	1.98	1.22	1.96	1.89	7.05	6.45	13.50	13.24
Reward II	1.86	1.14	1.89	1.76	6.66	6.34	12.99	12.76
VL02	1.88	0.88	1.92	1.74	6.41	6.11	12.52	12.32
Garst 6530	1.64	0.83	1.97	1.63	6.07	6.32	12.39	12.30
6400 HT	1.60	0.82	1.90	1.60	5.91	6.05	11.97	12.29
Cimarron	1.71	0.97	1.70	1.62	5.99	5.64	11.63	11.86
Mean	1.90	1.09	1.97	1.79	6.75	6.35	13.11	13.11
5% LSD	0.30	0.31	0.17	ns.27	0.90	0.44	1.16	0.95
CV (%)	13.8	24.5	7.6	13.0	11.6	6.0	7.7	6.3
Design: Randomized Complete Block No. of Reps: 6 Experiment: 231 ns = no significance difference p=0.05 *Total NN = Means adjusted by nearest neighbor analysis. Variety means are LSMEANS derived from nearest neighbor statistical analysis; therefore, season or multiple-year totals are not the arithmetic sum of individual cuts or years, respectively.								

OKLAHOMA
Perkins, Agronomy Research Station, Payne County
Rain-fed, Sown September 2002

Entry	2004						2003 Total	2-Year Total	Total NN*
	5/11	6/15	7/16	8/24	10/22	Total			
Tons Dry Matter/Acre									
OK 200 Syn 3 (1995)	2.11	1.39	1.89	1.51	0.73	5.57	7.62	13.19	13.49
OK 200 Syn 3 (2002)	1.97	1.37	1.84	1.48	0.77	5.73	7.43	13.16	13.47
OK 215 Syn 3	2.30	1.43	1.87	1.54	0.76	5.65	7.89	13.54	13.31
Good As Gold II	1.97	1.36	1.74	1.39	0.67	6.00	7.13	13.13	13.27
OK 199 Syn 3	1.79	1.33	1.69	1.33	0.70	5.90	6.84	12.73	12.86
Garst 631	1.73	1.32	1.71	1.33	0.64	5.87	6.73	12.61	12.76
Cimarron 3i	2.00	1.26	1.66	1.38	0.65	6.16	6.94	13.09	12.76
OK 169 Syn 4	1.95	1.33	1.77	1.42	0.76	5.84	7.23	13.07	12.75
Reward II	1.85	1.28	1.71	1.35	0.58	6.05	6.78	12.82	12.74
Magna 601	1.65	1.31	1.81	1.42	0.80	5.65	6.98	12.62	12.70
DS 9809 Hyb	1.82	1.31	1.73	1.39	0.63	5.69	6.86	12.55	12.61
6400 HT	1.86	1.38	1.81	1.40	0.58	5.81	7.01	12.82	12.58
OK 201 Syn 4	1.82	1.32	1.71	1.42	0.72	5.38	6.99	12.36	12.52
HybriForce-400	1.73	1.27	1.71	1.38	0.58	5.79	6.68	12.47	12.38
Cimarron	1.79	1.18	1.53	1.25	0.68	5.78	6.43	12.20	12.30
OK 49	1.74	1.18	1.54	1.25	0.70	5.74	6.40	12.14	12.02
Mean	1.88	1.31	1.73	1.39	0.68	6.99	5.79	12.78	12.78
5% LSD	0.25	0.14	0.20	0.16	0.09	0.69	0.23	0.82	0.63
CV (%)	11.6	9.1	9.9	9.8	11.7	8.5	3.5	5.6	4.2

Design: Randomized Complete Block

No. of Reps: 6

Plot Size: 1x5m planted

Experiment: 221

Plot Size: 1x5m harvested

*Total NN = Means adjusted by nearest neighbor analysis.

Variety means are LSMEANS derived from nearest neighbor statistical analysis; therefore, season or multiple-year totals are not the arithmetic sum of individual cuts or years, respectively.

OKLAHOMA
 Stillwater, Agronomy Research Station, Payne County
 Irrigated, Sown September 2002

Entry (Generation)	2004						2003 Total	2-yr. Total	2-yr Total NN*
	5/10	6/3	7/9	8/20	10/15	Total			
Tons Dry Matter/Acre									
OK 49	2.96	1.82	1.92	1.97	1.60	10.27	10.86	21.14	21.29
OK 200 Syn 3 (2002)	2.86	1.74	1.98	2.04	1.58	10.19	10.61	20.80	20.90
OK 199 Syn 3	2.76	1.77	1.92	2.08	1.65	10.18	10.46	20.64	20.84
OK 169 Syn 4	2.81	1.82	1.96	2.11	1.63	10.33	10.41	20.73	20.72
Good As Gold II	2.85	1.77	1.90	1.99	1.57	10.07	10.83	20.91	20.60
WPAR02	3.36	1.62	1.88	1.95	1.61	10.41	10.27	20.68	20.58
WL 327	2.63	1.78	1.95	2.07	1.59	10.01	10.60	20.61	20.57
VL02	3.25	1.69	1.92	2.09	1.62	10.56	10.19	20.75	20.49
OK 201 Syn 4	2.62	1.70	1.85	2.02	1.49	9.68	10.41	20.09	20.46
OK 200 Syn 3 (1995)	2.61	1.68	1.97	2.20	1.57	10.02	10.17	20.19	20.42
Cimarron	2.75	1.60	1.84	1.96	1.53	9.67	10.34	20.01	20.21
55H05	2.63	1.71	1.89	2.02	1.52	9.77	10.07	19.83	19.97
54Q25	2.61	1.68	1.92	2.00	1.41	9.62	10.26	19.88	19.80
Garst 631	2.71	1.78	1.89	1.91	1.51	9.80	10.34	20.14	19.77
Garst 6530	2.41	1.72	1.81	1.97	1.44	9.36	9.83	19.19	19.14
6400 HT	2.50	1.58	1.76	1.87	1.30	9.00	9.77	18.78	18.60
Mean	2.77	1.72	1.90	2.01	1.54	9.93	10.34	20.27	20.27
5% LSD	0.25	ns 0.24	0.09	0.12	0.12	0.61	0.49	0.90	0.69
CV (%)	7.7	12.0	4.0	5.1	6.8	5.3	4.1	3.9	2.9

Design: Randomized Complete Block

No. of Reps: 6

Plot Size: 1x5m planted

Experiment: 201

Plot Size: 1x5m harvested

ns = not significant at p= 0.05

*Total NN = Means adjusted by nearest neighbor analysis.

Variety means are LSMEANS derived from nearest neighbor statistical analysis; therefore, season or multiple-year totals are not the arithmetic sum of individual cuts or years, respectively.

OKLAHOMA
Tipton, Tillman County
Southwest Agronomy Research Station
Rain-fed, Sown September 2001

Entry (Generation)	2004						2003	2002	3-Yr.	3-Yr.
	4/28	5/26	7/6	8/4	9/21	Total	Total	Total	Total	Total NN*
Tons Dry Matter/Acre										
OK 201 Syn 4	2.14	1.27	1.64	0.90	1.60	7.54	6.55	4.22	18.31	19.15
OK 200 Syn 4	2.18	1.28	1.55	0.81	1.47	7.29	6.26	4.12	17.67	18.03
OK 169 Syn 4	2.20	1.19	1.50	0.76	1.24	6.89	6.10	4.62	17.61	17.26
OK 49 Syn 3 (old)	1.92	1.04	1.47	0.75	1.38	6.56	6.20	4.49	17.24	17.24
OK 199 Syn 3	2.19	1.15	1.47	0.73	1.32	6.86	6.28	4.26	17.39	16.86
Pawnee	2.21	1.12	1.61	0.79	1.36	7.09	6.11	4.28	17.47	16.54
631	2.04	1.02	1.49	0.72	1.37	6.64	5.99	4.34	16.97	16.53
Key	2.19	1.01	1.50	0.71	1.29	6.69	5.81	4.27	16.77	16.30
Cimarron 3i	2.31	0.92	1.47	0.64	1.19	6.51	5.79	3.97	16.27	16.08
OK 49 (C)	1.79	0.90	1.34	0.62	1.22	5.87	5.36	3.91	15.14	15.93
Dagger+EV	2.18	1.10	1.40	0.58	1.10	6.35	5.66	4.39	16.40	15.79
AmeriGraze 401+Z	1.90	0.85	1.36	0.51	1.03	5.66	5.49	4.06	15.21	15.61
WL 327	2.08	0.99	1.31	0.55	1.10	6.02	5.58	4.10	15.70	15.53
HayGrazer	2.07	0.87	1.20	0.46	0.84	5.43	4.87	3.76	14.05	15.36
Mean	2.10	1.05	1.45	0.68	1.25	6.53	5.86	4.20	16.59	16.59
5% LSD	0.25	0.18	0.19	0.20	0.31	0.96	0.72	ns 0.53	1.94	1.34
CV (%)	10.5	15.2	11.6	25.3	21.7	12.7	10.6	11.0	10.1	7.0
Design: Randomized Complete Block No. of Reps: 6 Experiment: 161 Plot Size: 1x5m planted Plot Size: 1x5m harvested ns = no significant difference at p=0.05 *Total NN = Means adjusted by nearest neighbor analysis. Variety means are LSMEANS derived from nearest neighbor statistical analysis; therefore, season or multiple-year totals										

OKLAHOMA
Chickasha, Grady County
Central Oklahoma Research Station
Irrigated, Sown September 2001

Entry	2004					2003 Total	2002 Total	3-Yr. Total	3-Yr. Total NN*
	4/21	5/25	7/12	8/17	Total				
Tons Dry Matter/Acre									
OK 200 Syn 4	2.13	1.65	2.00	2.03	7.81	11.79	7.30	26.90	27.13
OK 201 Syn 4	1.94	1.60	1.92	1.99	7.45	11.49	6.81	25.75	26.17
OK 169 Syn 4	1.89	1.47	1.90	1.89	7.14	11.39	6.98	25.50	25.88
OK 199 Syn 3	2.01	1.43	1.87	1.88	7.19	11.40	6.97	25.56	25.75
HybriForce-400	1.99	1.39	1.84	1.81	7.03	11.03	7.88	25.95	25.42
OK 49 Syn 3 (old)	1.90	1.44	1.80	1.85	6.99	11.36	7.05	25.40	25.27
Good As Gold II	1.91	1.50	1.94	1.90	7.25	11.17	7.22	25.64	25.23
631	1.83	1.41	1.88	1.83	6.95	10.89	6.89	24.73	24.49
54Q53	1.89	1.47	1.86	1.76	6.97	10.38	6.85	24.20	24.04
Pawnee	1.75	1.34	1.83	1.74	6.67	10.44	6.66	23.77	23.97
OK 49	1.72	1.24	1.77	1.72	6.43	10.51	6.60	23.54	23.93
WL 342	1.76	1.23	1.87	1.67	6.53	10.57	6.40	23.50	23.78
Reward II	1.82	1.26	1.82	1.72	6.62	10.56	6.94	24.11	23.76
Dagger+EV	1.77	1.34	1.85	1.70	6.65	10.27	6.27	23.19	23.62
Cimarron 3i	1.90	1.19	1.80	1.69	6.59	10.52	6.86	23.97	23.44
Key	1.64	1.23	1.69	1.65	6.21	9.64	6.40	22.25	22.05
Mean	1.87	1.39	1.85	1.80	6.90	10.84	6.88	24.62	24.62
5% LSD	0.16	0.16	0.10	0.14	0.46	0.62	0.49	1.35	0.99
CV (%)	7.4	10.2	4.8	6.8	5.8	5.0	6.2	4.8	3.5
Design: Randomized Complete Block No. of Reps: 6 Experiment: 131 *Total NN = Means adjusted by nearest neighbor analysis. Variety means are LSMEANS derived from nearest neighbor statistical analysis; therefore, season or multiple-year totals									

OKLAHOMA
Perkins, Payne County
Agronomy Research Station
Rainfed, Sown September 2001

Entry	2004						2003 Total	2002 Total	3-Yr. Total	3-Yr. Total NN*
	5/10	6/15	7/16	8/26	10/22	Total				
Tons Dry Matter/Acre										
OK 200 Syn 4	1.85	1.31	1.68	1.38	0.63	6.84	7.35	4.66	18.85	19.70
OK 201 Syn 4	1.75	1.41	1.84	1.64	0.68	7.31	7.84	4.85	20.00	19.59
631	1.75	1.23	1.69	1.35	0.65	6.66	7.74	5.05	19.45	19.58
OK 169 Syn 4	1.73	1.31	1.69	1.45	0.60	6.78	7.85	5.00	19.63	19.49
Dagger+EV	1.75	1.28	1.65	1.37	0.59	6.65	7.39	4.80	18.84	18.96
OK 199 Syn 3	1.63	1.22	1.62	1.39	0.62	6.48	7.77	5.04	19.28	18.90
Pawnee	1.67	1.25	1.63	1.39	0.54	6.48	7.36	4.86	18.70	18.85
WL 342	1.56	1.14	1.43	1.25	0.47	5.84	7.44	5.03	18.31	18.55
OK 49 Syn 3 (old)	1.53	1.11	1.43	1.26	0.55	5.87	7.22	4.82	17.91	18.33
Key	1.70	1.17	1.49	1.33	0.59	6.29	7.08	4.95	18.32	18.15
Ameristand 403T	1.48	1.24	1.68	1.45	0.39	6.24	7.45	4.91	18.59	18.11
OK 49	1.56	1.13	1.44	1.27	0.56	5.96	7.17	4.91	18.04	17.70
Mean	1.66	1.23	1.61	1.38	0.57	6.44	7.47	4.91	18.83	18.83
5% LSD	0.19	0.15	0.26	ns 0.30	0.12	0.86	0.48	ns 0.28	ns 1.474	0.88
CV (%)	0.5	10.6	0.8	19.5	18.3	11.6	5.5	4.9	6.8	4.0

Design: Randomized Complete Block

No. of Reps: 6

Plot Size: 1x5m planted

Experiment: 121

Plot Size: 1x5m harvested

ns = No significant difference at p = 0.05

*Total NN = Means adjusted by nearest neighbor analysis.

Variety means are LSMEANS derived from nearest neighbor statistical analysis; therefore, season or multiple-year totals are not the arithmetic sum of individual cuts or years, respectively.