Table 2. Summary of mean yields (kg/ha) for 45 wheats grown in the 1995 Southern Regional Performance Nursery at 28 locations with state means and ranks.

VARIETY OR PEDIGREE	C.I. OR SEL. NO.	ENTRY NO.	PROSPER TEXAS		BUSHLAND (IRR.) TEXAS		BUSHLAND (DRYL.) TEXAS		TEXAS STATE MEAN	
AGRIPRO SEEDS HYBRID WHEAT	WX92-0408	38	3800	8	5768	16	659	30	3409	13
PRO 812/CALDWELL//TX86D1310	TX91D6913	9	4084	3	5853	12	1874	1	3937	1
2555 sib/Vona//2180	OK91P648	5	4504	1	6075	8	715	23	3765	2
QUANTUM HYBRID WHEAT	XH1798	34	4143	2	6191	7	509	38	3614	6
HRE LT-11/4/Hmstd/3/Ctk//IN4946../MOW747	HBE0726-1	13	3723	12	6602	2	676	29	3667	3
WVE047*2180/2157*HGE013	HBI0531-A2	15	3858	5	6330	4	767	19	3652	5
TX86D1310/KAVKAZ//TX86D1308	TX91D6991	10	3537	19	5739	20	751	21	3342	17
AGRIPRO SEEDS HYBRID WHEAT	AP 7501	37	2883	37	5714	23	536	35	3044	35
COKER 68-15/TAM-107	T702	42	2977	34	5985	9	1430	3	3464	12
IL71-5662/PL145//2165	HBZ374C	4	3616	16	5602	27	684	26	3301	21
QUANTUM HYBRID WHEAT	XH1752	32	3728	11	5855	11	1024	9	3536	8
QUANTUM HYBRID WHEAT	XH1706	31	3208	30	6622	1	1154	5	3661	4
W2440/W9488A//2163	KS92PO263-137	22	3894	4	5696	24	1013	10	3534	9
TX85V1830/TX84V1307	TX93V5919	16	3091	32	5510	32	995	13	3199	29
HBY250A/HGF004	OK93P735	6	3679	14	5723	22	1004	12	3469	11
854552#3/MESA SIB	W91-091	35	3309	25	5667	25	572	34	3182	30
QUANTUM HYBRID WHEAT	XH1778	33	3804	7	6194	6	628	31	3542	7
N84-1104/ABILENE	WI89-163W	39	2681	41	6517	3	843	16	3347	16
TAM-107/T213 SIB	T812	44	3719	13	5750	19	442	42	3303	20
TX85V1830/TX84V1307	TX93V5922	17	3228	29	5725	21	711	25	3221	26
W0405D/HGF112//W7469C/HGF012	OK93P656	7	3450	22	5849	13	720	22	3339	18
SGC008/W1060B//HBY242G2	OK93P727	8	3562	18	5225	39	614	33	3134	33
W81-133-2/RIO BLANCO	W88-2619W	41	2688	40	5449	36	865	15	3001	37
NE82671/NE80413	NE91651	26	3584	17	5243	38	677	27	3168	31
NE82413/Colt	NE92646	30	2116	44	5454	35	827	17	2799	43
OK83201/Redland	NE92458	28	3430	23	5508	33	771	18	3236	25
W85-084/W85-225	W91-287	36	3531	20	5660	26	621	32	3271	23
T213 SIB *2/TAM-107	T834	43	2831	39	6218	5	677	27	3242	24
TAM-200/KARL	TX92V3108	14	3125	31	5808	14	495	40	3143	32
KS831936-3//Colt/Cody	N93L058	25	3078	33	5418	37	473	41	2990	38
TAM-107/CALDWELL	T861	45	3643	15	4820	44	336	44	2933	41
TAM-200/TAM-107	CO890323	20	3271	28	5936	10	1013	10	3407	14
TAM-107*3/TA2460	KS93U206	23	3732	10	5754	17	383	43	3290	22
OK82377/TX81V6603-2	TX92V2519	19	2869	38	5503	34	715	23	3029	36
Brule//Buc 's'/Bjy 's'/3/TX78V3924-5-3	TX92V4135	12	3369	24	5752	18	502	39	3208	28
HARPOOL SEL./SANDY	CO900166	21	2571	42	5580	29	1235	4	3129	34
TX87V1913/TAM-200	TX93V4927	18	3762	9	5539	31	1148	6	3483	10
Bennett/Brule Composite	NE90476	27	3304	26	5564	30	758	20	3209	27
TX81V6603/TX78A3345-V34	TX90V6313	11	3833	6	5597	28	525	36	3318	19
Centura/RL820003	NE92614	29	2961	35	4867	42	1047	7	2958	39
HF5761/TAM-105//Bounty Hybrid 203	KS91H153-2	24	3475	21	5790	15	926	14	3397	15
TAM-107	TAM-107	3	3282	27	5026	41	520	37	2943	40
VICTORY SIB/2165	WI90-540W	40	2955	36	4855	43	157	45	2656	44
Scout 66	SCOUT66	2	2443	43	5073	40	1029	8	2848	42
Kharkof	KHARKOF	1	1226	45	3389	45	1502	2	2039	45
	MEAN		3323		5644		789		3252	
	LSD(.05)		493		700		321		718	
	C.V.		9.1		7.6		24.9		9.9	

Table 2. Continued.

C.I. OR SEL. NO.	ENTRY NO.	CLOVIS (IRR.) NEW MEXICO		CLOVIS (DRYL.)* NEW MEXICO		FARMINGTON NEW MEXICO		NEW MEXICO STATE MEAN		COLUMBIA MISSOURI	
WX92-0408	38	1375	26	167	29	7460	15	4417	19	3724	4
TX91D6913	9	2630	1	389	2	7952	7	5291	2	3341	6
OK91P648	5	1535	17	206	20	8509	1	5022	3	3741	3
XH1798	34	1731	13	150	33	7930	8	4831	9	4079	1
HBE0726-1	13	2309	4	197	22	8307	2	5308	1	2453	34
HBI0531-A2	15	2228	5	219	15	6702	27	4465	16	2603	30
TX91D6991	10	1554	16	143	36	7803	10	4679	11	2770	19
AP 7501	37	1474	19	113	42	7820	9	4647	12	3309	8
T702	42	1654	15	471	1	8158	3	4906	6	2839	17
HBZ374C	4	1532	18	88	44	6947	22	4239	21	2711	24
XH1752	32	1941	9	254	11	7420	16	4681	10	3876	2
XH1706	31	1260	32	309	5	7607	12	4433	18	2900	13
KS92PO263-137	22	2129	6	226	14	7582	14	4855	7	2746	21
TX93V5919	16	2359	3	207	19	7589	13	4974	5	2669	26
OK93P735	6	1352	28	384	3	7088	19	4220	22	2843	16
W91-091	35	934	40	145	35	8050	6	4492	15	2548	33
XH1778	33	1401	24	126	39	6881	23	4141	25	3130	10
WI89-163W	39	1792	11	249	12	7120	18	4456	17	2864	14
T812	44	995	37	151	32	5651	37	3323	37	2338	37
TX93V5922	17	1941	10	273	9	8087	5	5014	4	2241	38
OK93P656	7	1658	14	208	18	6686	28	4172	23	2921	12
OK93P727	8	1413	23	174	27	7158	17	4285	20	3310	7
W88-2619W	41	969	39	197	21	8115	4	4542	13	2392	36
NE91651	26	1229	33	218	16	6567	31	3898	33	2642	28
NE92646	30	1371	27	167	28	6716	25	4043	28	2747	20
NE92458	28	1313	29	180	26	7021	20	4167	24	2605	29
W91-287	36	2006	8	140	38	7657	11	4832	8	2078	41
T834	43	877	42	186	25	5968	35	3423	36	3234	9
TX92V3108	14	973	38	149	34	5573	39	3273	38	2831	18
N93L058	25	838	43	142	37	6657	29	3748	35	3096	11
T861	45	789	44	100	43	5588	38	3188	39	2712	23
CO890323	20	1386	25	257	10	6496	33	3941	31	2601	31
KS93U206	23	773	45	152	31	4866	41	2819	42	2039	42
TX92V2519	19	1428	22	191	24	6712	26	4070	27	2644	27
TX92V4135	12	2014	7	152	30	7004	21	4509	14	2730	22
CO900166	21	1286	31	341	4	6533	32	3910	32	3467	5
TX93V4927	18	2408	2	211	17	5762	36	4085	26	2689	25
NE90476	27	1451	21	117	40	4877	40	3164	40	2855	15
TX90V6313	11	1302	30	227	13	6622	30	3962	29	2233	39
NE92614	29	1145	36	299	6	6768	24	3957	30	2558	32
KS91H153-2	24	1738	12	116	41	4590	43	3164	41	2122	40
TAM-107	3	881	41	194	23	4704	42	2793	43	2428	35
WI90-540W	40	1455	20	56	45	6311	34	3883	34	1401	44
SCOUT66	2	1175	35	291	7	4231	45	2703	45	1926	43
KHARKOF	1	1179	34	275	8	4360	44	2770	44	1386	45
MEAN		1493		205		6760		4127		2742	
LSD(.05)		797		146		1129		1455		541	
C.V.		32.7		43.7		11.9		15.5		12.1	

* Not included in state or regional means.

Table 2. Continued.

C.I. OR SEL. NO.	ENTRY NO.	STILLWATER OKLAHOMA		ALTUS OKLAHOMA		LAHOMA OKLAHOMA		GOODWELL OKLAHOMA		OKLAHOMA STATE MEAN	
WX92-0408	38	2353	8	2941	35	3036	2	2941	15	2818	10
TX91D6913	9	3364	1	3436	16	2722	5	3785	1	3327	2
OK91P648	5	3110	2	3553	13	3493	1	3210	7	3342	1
XH1798	34	3045	3	3890	5	2780	4	3280	6	3249	3
HBE0726-1	13	1992	17	4187	2	2916	3	3426	4	3130	5
HBI0531-A2	15	1881	22	4152	3	2580	12	3583	3	3049	6
TX91D6991	10	2364	7	2952	34	2374	20	3379	5	2767	13
AP 7501	37	1928	20	3792	7	2547	14	2646	24	2728	14
T702	42	1517	33	3490	14	1659	38	2337	36	2251	34
HBZ374C	4	2631	5	3184	26	2582	11	3129	8	2881	9
XH1752	32	2247	10	3701	10	2599	10	3083	11	2908	8
XH1706	31	2125	12	3790	8	2189	26	3093	10	2799	11
KS92PO263-137	22	2098	15	2883	38	2281	24	2764	19	2506	23
TX93V5919	16	1881	22	3259	22	2067	32	2612	28	2455	25
OK93P735	6	2995	4	3956	4	2660	7	2922	16	3133	4
W91-091	35	1573	29	3207	24	2640	9	2184	38	2401	30
XH1778	33	2028	16	4443	1	2472	17	2699	21	2910	7
WI89-163W	39	1567	30	3399	17	1871	35	3687	2	2631	18
T812	44	1372	37	3205	25	2143	27	2846	17	2391	31
TX93V5922	17	1542	32	3664	11	2481	16	2453	33	2535	21
OK93P656	7	2304	9	3001	30	2720	6	2836	18	2716	15
OK93P727	8	2564	6	3337	19	2545	15	2731	20	2794	12
W88-2619W	41	1566	31	2920	36	1661	37	2140	41	2071	39
NE91651	26	1885	21	2980	31	2334	23	2608	29	2451	26
NE92646	30	1467	35	2975	32	1513	40	3045	12	2250	35
NE92458	28	1820	26	1904	44	2386	19	2608	29	2179	36
W91-287	36	1930	19	3395	18	2656	8	2594	31	2644	17
T834	43	1849	25	3096	28	1398	41	2958	14	2325	32
TX92V3108	14	1196	41	3302	20	2119	29	3043	13	2415	28
N93L058	25	1876	24	3273	21	2115	30	2618	26	2471	24
T861	45	1419	36	2137	43	2278	25	2049	42	1971	42
CO890323	20	1013	42	2830	39	1642	39	2510	32	1999	40
KS93U206	23	2116	13	3858	6	2562	13	2291	37	2707	16
TX92V2519	19	1271	40	3222	23	2078	31	2653	23	2306	33
TX92V4135	12	2147	11	3111	27	2466	18	2696	22	2605	19
CO900166	21	1356	38	2624	40	1347	42	2623	25	1987	41
TX93V4927	18	1603	28	3662	12	2355	21	2438	34	2515	22
NE90476	27	1501	34	3070	29	2043	34	3122	9	2434	27
TX90V6313	11	1684	27	3444	15	2338	22	2154	39	2405	29
NE92614	29	1315	39	2902	37	1847	36	2615	27	2169	37
KS91H153-2	24	2109	14	3743	9	2052	33	2394	35	2574	20
TAM-107	3	888	44	2369	41	1148	43	2141	40	1636	43
WI90-540W	40	1965	18	2963	33	2125	28	1583	44	2159	38
SCOUT66	2	898	43	2267	42	1015	44	2042	43	1555	44
KHARKOF	1	421	45	1421	45	458	45	1412	45	928	45
MEAN		1862		3220		2206		2710		2500	
LSD(.05)		373		627		331		486		520	
C.V.		12.3		11.9		9.2		11.0		11.5	

Table 2. Continued.

C.I. OR SEL. NO.	ENTRY NO.	HUTCHINSON KANSAS		HAYS KANSAS		MANHATTAN KANSAS		COLBY KANSAS		GARDEN CITY KANSAS		KANSAS STATE MEAN	
WX92-0408	38	2150	2	3470	1	2118	2	3934	12	2930	1	2920	1
TX91D6913	9	931	24	3257	2	984	30	4879	1	2585	7	2527	4
OK91P648	5	1738	7	3129	3	1772	4	3773	18	2300	17	2542	3
XH1798	34	1167	14	2645	16	1412	8	3613	23	2585	6	2284	11
HBE0726-1	13	1243	13	2533	20	1299	13	4117	4	2459	10	2330	9
HBI0531-A2	15	2113	3	2842	8	1969	3	4352	3	2443	12	2744	2
TX91D6991	10	1375	10	2780	10	1749	5	3863	13	2627	4	2479	6
AP 7501	37	1056	16	3111	4	1074	24	3833	14	2737	2	2362	8
T702	42	1041	18	2475	24	1192	18	4024	6	2076	27	2161	16
HBZ374C	4	1294	11	2901	5	1444	6	3951	11	2047	28	2327	10
XH1752	32	721	32	2616	17	1262	14	4010	7	2652	3	2252	14
XH1706	31	487	41	2726	12	609	41	3275	31	2562	8	1932	33
KS92PO263-137	22	1559	9	2508	21	1386	11	4760	2	2260	19	2495	5
TX93V5919	16	984	23	2493	22	752	39	3801	16	1968	35	2000	27
OK93P735	6	819	30	2318	30	1116	22	3421	26	2000	33	1935	32
W91-091	35	780	31	2869	6	1096	23	3813	15	2307	16	2173	15
XH1778	33	577	37	2742	11	1234	16	3224	32	2473	9	2050	23
WI89-163W	39	525	39	2688	14	511	43	3981	9	2020	31	1945	31
T812	44	1945	4	2464	25	1411	9	3672	20	1840	37	2266	13
TX93V5922	17	1775	5	2233	36	1325	12	3654	22	1636	41	2125	18
OK93P656	7	1017	21	2589	18	1247	15	3473	25	1973	34	2060	20
OK93P727	8	863	26	2246	34	993	29	3790	17	2266	18	2032	25
W88-2619W	41	329	42	2849	7	1007	27	3975	10	1966	36	2025	26
NE91651	26	683	34	2262	33	1136	21	3377	27	2338	15	1959	29
NE92646	30	566	38	2486	23	593	42	3160	33	2598	5	1881	36
NE92458	28	832	29	2811	9	1227	17	3312	30	2179	22	2072	19
W91-287	36	1124	15	2464	25	1139	20	2996	38	1775	38	1899	35
T834	43	669	35	2712	13	819	37	4094	5	2358	14	2131	17
TX92V3108	14	1769	6	2282	31	1438	7	3984	8	2414	13	2378	7
N93L058	25	1267	12	2659	15	1034	25	3127	35	2080	26	2033	24
T861	45	2380	1	2278	32	2128	1	3144	34	1430	44	2272	12
CO890323	20	1021	20	2378	27	700	40	3736	19	2448	11	2057	22
KS93U206	23	1726	8	2215	38	1402	10	2946	39	1558	43	1969	28
TX92V2519	19	1051	17	2233	37	929	32	3354	28	2026	30	1919	34
TX92V4135	12	991	22	2071	39	1153	19	2894	40	2143	24	1850	37
CO900166	21	620	36	1984	41	857	35	3098	37	2221	21	1756	40
TX93V4927	18	1030	19	2356	29	833	36	3541	24	2002	32	1952	30
NE90476	27	863	26	2587	19	1004	28	3658	21	2172	23	2057	21
TX90V6313	11	708	33	2053	40	1018	26	2544	42	2105	25	1686	41
NE92614	29	500	40	2367	28	957	31	3313	29	2028	29	1833	39
KS91H153-2	24	884	25	2235	35	792	38	3102	36	2230	20	1849	38
TAM-107	3	857	28	1722	43	912	33	2872	41	1724	39	1617	42
WI90-540W	40	283	43	1589	44	875	34	2219	44	1636	41	1320	43
SCOUT66	2	162	45	1773	42	299	44	2054	45	1650	40	1188	44
KHARKOF	1	169	44	1356	45	238	45	2295	43	1069	45	1026	45
MEAN		1037		2475		1121		3511		2153		2059	
LSD(.05)		464		425		389		534		375		435	
C.V.		27.4		10.5		21.3		9.3		10.7		13.1	

Table 2. Continued.

C.I. OR SEL. NO.	ENTRY NO.	FORT COLLINS COLORADO		AKRON COLORADO		JULESBURG COLORADO		BURLINGTON COLORADO		COLORADO STATE MEAN	
WX92-0408	38	6330	5	5701	7	4550	1	5942	3	5631	1
TX91D6913	9	6855	1	5891	3	3807	23	5775	5	5582	2
OK91P648	5	5781	11	6210	2	3902	19	5187	16	5270	8
XH1798	34	5566	16	4585	31	4294	8	5710	7	5039	13
HBE0726-1	13	5830	9	5865	5	3739	26	6274	1	5427	4
HBI0531-A2	15	5659	14	4990	18	4322	7	6179	2	5288	6
TX91D6991	10	4814	33	5875	4	4190	12	5369	14	5062	12
AP 7501	37	5786	10	6450	1	4517	3	4772	27	5381	5
T702	42	6104	6	5607	8	3748	25	5136	18	5148	11
HBZ374C	4	5685	13	4550	32	3832	22	5540	11	4902	18
XH1752	32	5403	19	5223	15	4471	4	4506	33	4901	19
XH1706	31	6506	3	4602	30	4035	16	5719	6	5215	9
KS92PO263-137	22	5056	26	4744	24	3635	29	3947	40	4345	31
TX93V5919	16	6563	2	5468	10	4530	2	5552	10	5528	3
OK93P735	6	5609	15	4899	19	3553	32	5596	9	4914	17
W91-091	35	5496	17	5561	9	4048	15	5500	12	5151	10
XH1778	33	5331	20	4128	37	3203	39	5277	15	4485	29
WI89-163W	39	4904	30	4632	28	4190	11	5609	8	4834	22
T812	44	4787	34	5381	12	4249	9	5163	17	4895	20
TX93V5922	17	4954	28	5145	17	4081	13	5932	4	5028	14
OK93P656	7	5248	21	5148	16	3586	31	4953	23	4734	23
OK93P727	8	4117	42	4723	25	3611	30	4767	28	4304	33
W88-2619W	41	5693	12	5303	14	4331	6	4694	30	5005	15
NE91651	26	5152	22	4657	27	3859	21	4822	26	4622	24
NE92646	30	6474	4	5765	6	4193	10	4687	31	5280	7
NE92458	28	5450	18	5410	11	3941	18	5109	19	4977	16
W91-287	36	5047	27	4829	20	3648	28	4852	24	4594	27
T834	43	4899	31	5380	13	4060	14	5089	20	4857	21
TX92V3108	14	4595	36	4760	23	4369	5	4702	29	4607	26
N93L058	25	4173	40	4399	33	3947	17	4163	39	4171	37
T861	45	3595	43	3414	43	3651	27	5009	22	3917	40
CO890323	20	5130	24	4023	38	3179	40	4237	37	4142	39
KS93U206	23	4257	39	4331	34	3526	34	5046	21	4290	34
TX92V2519	19	4620	35	4169	36	3887	20	5475	13	4538	28
TX92V4135	12	5115	25	4680	26	2492	44	4428	35	4179	36
CO900166	21	5897	8	4789	22	3275	38	4491	34	4613	25
TX93V4927	18	4590	37	4320	35	3768	24	4559	32	4309	32
NE90476	27	4922	29	4798	21	3552	33	3838	41	4277	35
TX90V6313	11	4876	32	3461	42	3420	36	4843	25	4150	38
NE92614	29	5929	7	4626	29	3462	35	3656	42	4418	30
KS91H153-2	24	3472	44	3687	40	3357	37	4184	38	3675	42
TAM-107	3	4471	38	3969	39	2943	41	4280	36	3916	41
WI90-540W	40	3342	45	3594	41	2832	42	3597	43	3341	43
SCOUT66	2	4135	41	1861	45	2775	43	2530	44	2825	45
KHARKOF	1	5136	23	2410	44	1917	45	2248	45	2928	44
MEAN		5186		4756		3744		4865		4638	
LSD(.05)		728		952		739		1210		744	
C.V.		8.6		12.3		12.1		15.2		12.3	

Table 2. Continued.

C.I. OR SEL. NO.	ENTRY NO.	CLAY CENTER NEBRASKA		NORTH PLATTE NEBRASKA		SIDNEY NEBRASKA		HEMING-FORD NEBRASKA		NEBRASKA STATE MEAN	
WX92-0408	38	3235	3	5284	1	6301	4	5669	11	5122	1
TX91D6913	9	2690	17	3488	19	6304	3	5745	9	4557	7
OK91P648	5	3282	2	4196	7	6021	11	5237	30	4684	5
XH1798	34	2708	15	2970	29	5990	12	6169	3	4459	14
HBE0726-1	13	3105	7	3172	25	6373	2	5349	26	4500	11
HBI0531-A2	15	1993	35	4636	3	5640	23	4732	42	4250	24
TX91D6991	10	3228	4	4817	2	6487	1	5694	10	5057	2
AP 7501	37	2320	26	4098	11	5949	14	5557	16	4481	12
T702	42	3163	5	4051	12	6153	7	5645	12	4753	3
HBZ374C	4	2219	29	3405	22	5916	17	6348	1	4472	13
XH1752	32	2508	21	3714	17	5427	28	5535	17	4296	23
XH1706	31	1661	41	2647	34	6133	8	6189	2	4158	27
KS92PO263-137	22	2511	20	3717	16	5938	15	5358	25	4381	18
TX93V5919	16	1547	44	4409	5	6158	6	5938	6	4513	10
OK93P735	6	2340	25	3656	18	5936	16	5290	27	4306	22
W91-091	35	2632	18	4111	10	5376	31	5187	31	4326	21
XH1778	33	3125	6	2683	33	5517	25	6005	5	4333	20
WI89-163W	39	2192	31	4147	8	6216	5	5077	35	4408	17
T812	44	3082	9	4125	9	5974	13	5378	23	4640	6
TX93V5922	17	2154	33	4629	4	6066	9	5277	28	4532	8
OK93P656	7	2753	14	2988	28	5149	33	5748	8	4159	26
OK93P727	8	3085	8	4317	6	5736	20	5813	7	4738	4
W88-2619W	41	2838	12	3466	20	5911	18	5441	19	4414	16
NE91651	26	3006	10	3389	23	5562	24	6142	4	4525	9
NE92646	30	1887	38	3441	21	5795	19	5584	13	4177	25
NE92458	28	1961	36	3840	15	6046	10	5573	14	4355	19
W91-287	36	1553	43	2638	35	5497	26	5369	24	3764	36
T834	43	2701	16	2085	41	5687	21	5391	22	3966	32
TX92V3108	14	2495	22	3179	24	5414	30	5254	29	4085	29
N93L058	25	1939	37	4001	13	5073	34	5503	18	4129	28
T861	45	3293	1	3853	14	5667	22	4997	36	4453	15
CO890323	20	2858	11	2694	32	4826	35	4954	37	3833	33
KS93U206	23	2208	30	2708	31	4618	37	5562	15	3774	35
TX92V2519	19	2403	23	3078	27	5425	29	5187	31	4023	30
TX92V4135	12	1995	34	2939	30	5239	32	5091	34	3816	34
CO900166	21	2836	13	2195	39	5479	27	5411	20	3980	31
TX93V4927	18	2179	32	2493	36	3755	43	4353	43	3195	42
NE90476	27	2551	19	2340	37	4557	39	5402	21	3713	37
TX90V6313	11	2221	28	2284	38	4261	41	4746	41	3378	40
NE92614	29	2358	24	1520	43	4501	40	4907	38	3322	41
KS91H153-2	24	2262	27	1993	42	4604	38	4907	39	3442	39
TAM-107	3	1681	40	3123	26	4687	36	5165	33	3664	38
WI90-540W	40	1004	45	2105	40	3773	42	4817	40	2925	43
SCOUT66	2	1560	42	1074	44	3380	44	3549	44	2391	44
KHARKOF	1	1735	39	370	45	2345	45	2950	45	1850	45
MEAN		2424		3246		5397		5315		4095	
LSD(.05)		679		1010		991		1046		751	
C.V.		17.2		19.1		11.2		12.0		14.1	

Table 2. Concluded.

C.I. OR SEL. NO.	ENTRY NO.	PIERRE S. DAKOTA		WINNER S. DAKOTA		BROOKINGS S. DAKOTA		SOUTH DAKOTA STATE MEAN		LIND WASHINGTON		REGIONAL AVERAGE	
WX92-0408	38	4757	2	3466	3	2199	8	3474	1	5208	11	3974	1
TX91D6913	9	3827	11	2318	25	2154	10	2766	12	5153	13	3914	2
OK91P648	5	3712	16	2948	9	2074	14	2911	9	4744	22	3869	3
XH1798	34	3627	19	2372	23	2766	1	2922	8	5891	3	3765	4
HBE0726-1	13	4093	6	1899	35	2044	15	2679	17	5097	15	3744	5
HBI0531-A2	15	3887	10	3069	8	1448	34	2801	11	4480	29	3683	6
TX91D6991	10	4042	8	1926	34	2251	7	2739	14	4318	35	3653	7
AP 7501	37	4405	4	2437	20	2109	11	2984	6	5704	5	3651	8
T702	42	3930	9	3694	2	1796	26	3140	3	5912	2	3622	9
HBZ374C	4	4434	3	2663	14	2044	15	3047	5	5260	9	3561	10
XH1752	32	2457	41	2107	32	2329	4	2298	31	5413	7	3549	11
XH1706	31	3640	18	2168	31	1473	33	2427	28	5967	1	3494	12
KS92PO263-137	22	4069	7	2562	16	1854	23	2828	10	4783	20	3472	13
TX93V5919	16	2011	42	2710	13	1403	37	2041	42	4867	18	3451	14
OK93P735	6	3475	26	1753	39	2446	2	2558	22	4216	41	3432	15
W91-091	35	3141	31	2609	15	1585	30	2445	26	4556	27	3383	16
XH1778	33	3035	33	1475	42	2172	9	2227	33	5421	6	3382	17
WI89-163W	39	3490	25	2367	24	1141	43	2333	30	5196	12	3379	18
T812	44	3746	13	3349	4	1845	24	2980	7	4318	36	3377	19
TX93V5922	17	924	45	2883	10	641	45	1482	44	5127	14	3352	20
OK93P656	7	3499	24	2177	30	2020	19	2565	21	4378	32	3337	21
OK93P727	8	2531	39	1661	40	2033	17	2075	41	4683	25	3322	22
W88-2619W	41	3416	27	1818	37	1502	32	2245	32	5815	4	3301	23
NE91651	26	3499	23	2035	33	2004	20	2513	25	4944	16	3282	24
NE92646	30	4152	5	2378	22	1439	35	2656	18	4762	21	3266	25
NE92458	28	3150	30	1854	36	1661	28	2221	34	3942	43	3247	26
W91-287	36	3611	20	2251	28	1426	36	2429	27	4935	17	3233	27
T834	43	2957	34	3111	7	1527	31	2532	24	4274	37	3219	28
TX92V3108	14	3535	22	2275	26	1816	25	2542	23	3783	44	3205	29
N93L058	25	3667	17	2271	27	2280	5	2739	15	4806	19	3179	30
T861	45	4779	1	3871	1	1244	41	3298	2	4259	39	3139	31
CO890323	20	3403	28	2764	11	2105	12	2757	13	5391	8	3131	32
KS93U206	23	3714	15	3324	5	2349	3	3129	4	4494	28	3124	33
TX92V2519	19	2726	38	2755	12	1119	44	2200	36	4374	33	3108	34
TX92V4135	12	3726	14	1412	43	1370	38	2169	39	4368	34	3107	35
CO900166	21	2892	35	2461	18	1253	39	2202	35	4714	24	3078	36
TX93V4927	18	2831	37	2428	21	1251	40	2170	38	4241	40	3033	37
NE90476	27	2531	39	2221	29	2271	6	2341	29	3592	45	3015	38
TX90V6313	11	3371	29	2455	19	2004	20	2610	20	4624	26	2990	39
NE92614	29	2892	35	1760	38	1751	27	2134	40	5234	10	2955	40
KS91H153-2	24	3549	21	2497	17	2089	13	2712	16	4724	23	2945	41
TAM-107	3	3064	32	3188	6	1594	29	2615	19	4479	30	2745	42
WI90-540W	40	3804	12	1562	41	1199	42	2189	37	4270	38	2529	43
SCOUT66	2	1042	44	1038	44	1923	22	1335	45	4441	31	2124	44
KHARKOF	1	1585	43	966	45	2031	18	1527	43	4159	42	1842	45
MEAN		3347		2385		1801		2511		4785		3270	
LSD(.05)		891		725		834		971		1126		284	
C.V.		16.3		18.6		28.4		20.0		16.8		14.7	

Table 3. Summary of mean yields (kg/ha) and ranks for 45 wheats in the 1995 Southern Regional Performance Nursery at 15 locations from which a CV of 15.0 or less and a significant F test for entries were obtained.

C.I. OR SEL. NO.	ENTRY NO.	FARMINGTON NEW MEXICO		PROSPER TEXAS		BUSHLAND (IRR.) TEXAS		STILLWATER OKLAHOMA		ALTUS OKLAHOMA		LAHOMA OKLAHOMA		GOODWELL OKLAHOMA		HAYS KANSAS	
TX91D6913	9	7952	7	4084	3	5853	12	3364	1	3436	16	2722	5	3785	1	3257	2
OK91P648	5	8509	1	4504	1	6075	8	3110	2	3553	13	3493	1	3210	7	3129	3
HBE0726-1	13	8307	2	3723	12	6602	2	1992	17	4187	2	2916	3	3426	4	2533	20
WX92-0408	38	7460	15	3800	8	5768	16	2353	8	2941	35	3036	2	2941	15	3470	1
XH1798	34	7930	8	4143	2	6191	7	3045	3	3890	5	2780	4	3280	6	2645	16
AP 7501	37	7820	9	2883	37	5714	23	1928	20	3792	7	2547	14	2646	24	3111	4
XH1706	31	7607	12	3208	30	6622	1	2125	12	3790	8	2189	26	3093	10	2726	12
TX91D6991	10	7803	10	3537	19	5739	20	2364	7	2952	34	2374	20	3379	5	2780	10
HBI0531-A2	15	6702	27	3858	5	6330	4	1881	22	4152	3	2580	12	3583	3	2842	8
XH1752	32	7420	16	3728	11	5855	11	2247	10	3701	10	2599	10	3083	11	2616	17
HBZ374C	4	6947	22	3616	16	5602	27	2631	5	3184	26	2582	11	3129	8	2901	5
TX93V5919	16	7589	13	3091	32	5510	32	1881	22	3259	22	2067	32	2612	28	2493	22
OK93P735	6	7088	19	3679	14	5723	22	2995	4	3956	4	2660	7	2922	16	2318	30
T702	42	8158	3	2977	34	5985	9	1517	33	3490	14	1659	38	2337	36	2475	24
KS92PO263-137	22	7582	14	3894	4	5696	24	2098	15	2883	38	2281	24	2764	19	2508	21
W91-091	35	8050	6	3309	25	5667	25	1573	29	3207	24	2640	9	2184	38	2869	6
XH1778	33	6881	23	3804	7	6194	6	2028	16	4443	1	2472	17	2699	21	2742	11
WI89-163W	39	7120	18	2681	41	6517	3	1567	30	3399	17	1871	35	3687	2	2688	14
TX93V5922	17	8087	5	3228	29	5725	21	1542	32	3664	11	2481	16	2453	33	2233	36
W88-2619W	41	8115	4	2688	40	5449	36	1566	31	2920	36	1661	37	2140	41	2849	7
OK93P656	7	6686	28	3450	22	5849	13	2304	9	3001	30	2720	6	2836	18	2589	18
OK93P727	8	7158	17	3562	18	5225	39	2564	6	3337	19	2545	15	2731	20	2246	34
NE92458	28	7021	20	3430	23	5508	33	1820	26	1904	44	2386	19	2608	29	2811	9
NE92646	30	6716	25	2116	44	5454	35	1467	35	2975	32	1513	40	3045	12	2486	23
W91-287	36	7657	11	3531	20	5660	26	1930	19	3395	18	2656	8	2594	31	2464	25
T834	43	5968	35	2831	39	6218	5	1849	25	3096	28	1398	41	2958	14	2712	13
NE91651	26	6567	31	3584	17	5243	38	1885	21	2980	31	2334	23	2608	29	2262	33
T812	44	5651	37	3719	13	5750	19	1372	37	3205	25	2143	27	2846	17	2464	25
TX92V3108	14	5573	39	3125	31	5808	14	1196	41	3302	20	2119	29	3043	13	2282	31
TX92V4135	12	7004	21	3369	24	5752	18	2147	11	3111	27	2466	18	2696	22	2071	39
N93L058	25	6657	29	3078	33	5418	37	1876	24	3273	21	2115	30	2618	26	2659	15
TX92V2519	19	6712	26	2869	38	5503	34	1271	40	3222	23	2078	31	2653	23	2233	37
NE90476	27	4877	40	3304	26	5564	30	1501	34	3070	29	2043	34	3122	9	2587	19
CO900166	21	6533	32	2571	42	5580	29	1356	38	2624	40	1347	42	2623	25	1984	41
NE92614	29	6768	24	2961	35	4867	42	1315	39	2902	37	1847	36	2615	27	2367	28
CO890323	20	6496	33	3271	28	5936	10	1013	42	2830	39	1642	39	2510	32	2378	27
KS93U206	23	4866	41	3732	10	5754	17	2116	13	3858	6	2562	13	2291	37	2215	38
TX93V4927	18	5762	36	3762	9	5539	31	1603	28	3662	12	2355	21	2438	34	2356	29
TX90V6313	11	6622	30	3833	6	5597	28	1684	27	3444	15	2338	22	2154	39	2053	40
KS91H153-2	24	4590	43	3475	21	5790	15	2109	14	3743	9	2052	33	2394	35	2235	35
T861	45	5588	38	3643	15	4820	44	1419	36	2137	43	2278	25	2049	42	2278	32
TAM-107	3	4704	42	3282	27	5026	41	888	44	2369	41	1148	43	2141	40	1722	43
WI90-540W	40	6311	34	2955	36	4855	43	1965	18	2963	33	2125	28	1583	44	1589	44
SCOUT66	2	4231	45	2443	43	5073	40	898	43	2267	42	1015	44	2042	43	1773	42
KHARKOF	1	4360	44	1226	45	3389	45	421	45	1421	45	458	45	1412	45	1356	45
MEAN		6760		3323		5644		1862		3220		2206		2710		2475	
LSD(.05)		1129		493		700		373		627		331		486		425	
C.V.		11.9		9.1		7.6		12.3		11.9		9.2		11.0		10.5	

Table 3. Concluded.

C.I. OR SEL. NO.	ENTRY NO.	COLBY KANSAS		GARDEN CITY KANSAS		FORT COLLINS COLORADO		AKRON COLORADO		JULESBURG COLORADO		SIDNEY NEBRASKA		HEMING-FORD NEBRASKA		REGIONAL AVERAGE	
TX91D6913	9	4879	1	2585	7	6855	1	5891	3	3807	23	6304	3	5745	9	4701	1
OK91P648	5	3773	18	2300	17	5781	11	6210	2	3902	19	6021	11	5237	30	4587	2
HBE0726-1	13	4117	4	2459	10	5830	9	5865	5	3739	26	6373	2	5349	26	4494	3
WX92-0408	38	3934	12	2930	1	6330	5	5701	7	4550	1	6301	4	5669	11	4479	4
XH1798	34	3613	23	2585	6	5566	16	4585	31	4294	8	5990	12	6169	3	4447	5
AP 7501	37	3833	14	2737	2	5786	10	6450	1	4517	3	5949	14	5557	16	4351	6
XH1706	31	3275	31	2562	8	6506	3	4602	30	4035	16	6133	8	6189	2	4311	7
TX91D6991	10	3863	13	2627	4	4814	33	5875	4	4190	12	6487	1	5694	10	4298	8
HBI0531-A2	15	4352	3	2443	12	5659	14	4990	18	4322	7	5640	23	4732	42	4271	9
XH1752	32	4010	7	2652	3	5403	19	5223	15	4471	4	5427	28	5535	17	4265	10
HBZ374C	4	3951	11	2047	28	5685	13	4550	32	3832	22	5916	17	6348	1	4195	12
TX93V5919	16	3801	16	1968	35	6563	2	5468	10	4530	2	6158	6	5938	6	4195	11
OK93P735	6	3421	26	2000	33	5609	15	4899	19	3553	32	5936	16	5290	27	4137	13
T702	42	4024	6	2076	27	6104	6	5607	8	3748	25	6153	7	5645	12	4130	14
KS92PO263-137	22	4760	2	2260	19	5056	26	4744	24	3635	29	5938	15	5358	25	4097	15
W91-091	35	3813	15	2307	16	5496	17	5561	9	4048	15	5376	31	5187	31	4086	16
XH1778	33	3224	32	2473	9	5331	20	4128	37	3203	39	5517	25	6005	5	4076	17
WI89-163W	39	3981	9	2020	31	4904	30	4632	28	4190	11	6216	5	5077	35	4037	18
TX93V5922	17	3654	22	1636	41	4954	28	5145	17	4081	13	6066	9	5277	28	4015	19
W88-2619W	41	3975	10	1966	36	5693	12	5303	14	4331	6	5911	18	5441	19	4000	20
OK93P656	7	3473	25	1973	34	5248	21	5148	16	3586	31	5149	33	5748	8	3984	21
OK93P727	8	3790	17	2266	18	4117	42	4723	25	3611	30	5736	20	5813	7	3962	22
NE92458	28	3312	30	2179	22	5450	18	5410	11	3941	18	6046	10	5573	14	3960	23
NE92646	30	3160	33	2598	5	6474	4	5765	6	4193	10	5795	19	5584	13	3956	24
W91-287	36	2996	38	1775	38	5047	27	4829	20	3648	28	5497	26	5369	24	3936	25
T834	43	4094	5	2358	14	4899	31	5380	13	4060	14	5687	21	5391	22	3927	26
NE91651	26	3377	27	2338	15	5152	22	4657	27	3859	21	5562	24	6142	4	3903	27
T812	44	3672	20	1840	37	4787	34	5381	12	4249	9	5974	13	5378	23	3895	28
TX92V3108	14	3984	8	2414	13	4595	36	4760	23	4369	5	5414	30	5254	29	3816	29
TX92V4135	12	2894	40	2143	24	5115	25	4680	26	2492	44	5239	32	5091	34	3751	30
N93L058	25	3127	35	2080	26	4173	40	4399	33	3947	17	5073	34	5503	18	3733	31
TX92V2519	19	3354	28	2026	30	4620	35	4169	36	3887	20	5425	29	5187	31	3681	32
NE90476	27	3658	21	2172	23	4922	29	4798	21	3552	33	4557	39	5402	21	3675	33
CO900166	21	3098	37	2221	21	5897	8	4789	22	3275	38	5479	27	5411	20	3653	34
NE92614	29	3313	29	2028	29	5929	7	4626	29	3462	35	4501	40	4907	38	3627	35
CO890323	20	3736	19	2448	11	5130	24	4023	38	3179	40	4826	35	4954	37	3625	36
KS93U206	23	2946	39	1558	43	4257	39	4331	34	3526	34	4618	37	5562	15	3613	37
TX93V4927	18	3541	24	2002	32	4590	37	4320	35	3768	24	3755	43	4353	43	3587	38
TX90V6313	11	2544	42	2105	25	4876	32	3461	42	3420	36	4261	41	4746	41	3543	39
KS91H153-2	24	3102	36	2230	20	3472	44	3687	40	3357	37	4604	38	4907	39	3450	40
T861	45	3144	34	1430	44	3595	43	3414	43	3651	27	5667	22	4997	36	3341	41
TAM-107	3	2872	41	1724	39	4471	38	3969	39	2943	41	4687	36	5165	33	3141	42
WI90-540W	40	2219	44	1636	41	3342	45	3594	41	2832	42	3773	42	4817	40	3104	43
SCOUT66	2	2054	45	1650	40	4135	41	1861	45	2775	43	3380	44	3549	44	2610	44
KHARKOF	1	2295	43	1069	45	5136	23	2410	44	1917	45	2345	45	2950	45	2144	45
MEAN		3511		2153		5186		4756		3744		5397		5315		3884	
LSD(.05)		534		375		728		952		739		991		1046		357	
C.V.		9.3		10.7		8.6		12.3		12.1		11.2		12.0		11.7	

Table 4. Summary of mean yields (kg/ha) and ranks of 45 wheats grown in the Southern Regional Performance Nursery for 5 intra-regional production zones (after Peterson, 1992).

C.I. OR SEL. NO.	ENTRY NO.	SOUTH-CENTRAL PLAINS		NORTH-CENTRAL PLAINS		NORTHERN HIGH PLAINS		INTER-MOUNTAIN WEST		SOUTHERN HIGH PLAINS		REGIONAL AVERAGE	
Number of locations		8		5		6		4		3		27	
WX92-0408	38	3307	6	3155	1	5285	1	6167	8	1654	10	3974	1
TX91D6913	9	3429	2	2395	14	5024	3	6426	3	2363	1	3914	2
OK91P648	5	3602	1	2757	3	4882	9	6068	10	1517	20	3869	3
XH1798	34	3393	4	2577	8	4527	18	6389	4	1608	14	3765	4
HBE0726-1	13	3328	5	2488	10	4923	7	6145	9	1815	4	3744	5
HBI0531-A2	15	3417	3	2473	12	5020	4	5393	30	1813	5	3683	6
TX91D6991	10	3062	11	2639	6	5100	2	5657	21	1644	11	3653	7
AP 7501	37	2960	16	2469	13	4937	6	6217	7	1582	16	3651	8
T702	42	2685	33	2755	4	4786	11	6454	2	1720	8	3622	9
HBZ374C	4	3117	9	2561	9	4532	17	6060	11	1421	29	3561	10
XH1752	32	3069	10	2133	26	4559	16	5943	12	1873	2	3549	11
XH1706	31	3030	13	1910	39	4402	23	6567	1	1659	9	3494	12
KS92PO263-137	22	2960	15	2476	11	4457	22	5695	20	1801	6	3472	13
TX93V5919	16	2737	29	1685	42	4986	5	6239	6	1774	7	3451	14
OK93P735	6	3134	7	2226	21	4510	19	5551	24	1452	24	3432	15
W91-091	35	2779	27	2212	24	4735	13	5822	16	1271	37	3383	16
XH1778	33	3120	8	2208	25	4005	32	5910	13	1501	21	3382	17
WI89-163W	39	2867	21	1940	37	4796	10	5574	23	1551	19	3379	18
T812	44	2930	17	2687	5	4761	12	5034	35	1092	41	3377	19
TX93V5922	17	2888	19	1585	43	4918	8	5861	15	1429	27	3352	20
OK93P656	7	2971	14	2339	16	4216	28	5515	25	1450	25	3337	21
OK93P727	8	2884	20	2060	31	4491	21	5443	28	1431	26	3322	22
W88-2619W	41	2450	39	2116	27	4613	14	6266	5	1267	38	3301	23
NE91651	26	2697	32	2336	17	4278	26	5701	19	1415	30	3282	24
NE92646	30	2453	38	2090	29	4507	20	5884	14	1599	15	3266	25
NE92458	28	2662	34	1971	35	4610	15	5496	26	1421	28	3247	26
W91-287	36	2919	18	1996	33	4077	31	5752	17	1468	22	3233	27
T834	43	2716	31	2223	22	4399	25	5133	34	1304	34	3219	28
TX92V3108	14	2831	24	2312	18	4401	24	4801	36	1294	35	3205	29
N93L058	25	2788	26	2238	19	4119	30	5285	31	1131	40	3179	30
T861	45	2625	35	3063	2	4123	29	4610	42	852	45	3139	31
CO890323	20	2575	37	2366	15	3783	36	5493	27	1616	13	3131	32
KS93U206	23	3032	12	2600	7	3862	34	4794	37	905	44	3124	33
TX92V2519	19	2610	36	1986	34	4231	27	5223	32	1390	32	3108	34
TX92V4135	12	2825	25	1931	38	3779	37	5395	29	1553	18	3107	35
CO900166	21	2338	41	2060	32	3888	33	5639	22	1581	17	3078	36
TX93V4927	18	2843	22	1904	40	3739	38	4737	38	1853	3	3033	37
NE90476	27	2757	28	2116	28	3791	35	4698	40	1460	23	3015	38
TX90V6313	11	2727	30	2214	23	3469	42	5217	33	1310	33	2990	39
NE92614	29	2422	40	1943	36	3513	40	5710	18	1406	31	2955	40
KS91H153-2	24	2835	23	2238	20	3488	41	4423	43	1632	12	2945	41
TAM-107	3	2179	43	2088	30	3646	39	4705	39	1042	43	2745	42
WI90-540W	40	2290	42	1689	41	3020	43	4685	41	1083	42	2529	43
SCOUT66	2	1959	44	1173	45	2279	44	4089	45	1285	36	2124	44
KHARKOF	1	1232	45	1311	44	1931	45	4152	44	1250	39	1842	45
MEAN		2810		2215		4253		5512		1479		3270	
LSD(.05)		375		628		534		829		547		284	
C.V.		10.9		20.0		13.4		12.9		22.4		14.7	

Table 5. Summary of mean yields (kg/ha) and ranks for 11 wheats grown in the Southern Regional Performance Nursery at 25 sites in 1994 and 1995 with state means and ranks.

VARIETY OR PEDIGREE	C.I. OR SEL. NO.	ENTRY NO.	PROSPER TEXAS		BUSHLAND (IRR.) TEXAS		BUSHLAND (DRYL.) TEXAS		TEXAS STATE MEAN	
HRE LT-11/4/Hmstd/3/Ctk//IN4946../MOW747	HBE0726-1	13	3248	4	6362	1	1727	5	3779	2
QUANTUM HYBRID WHEAT	XH1706	31	3065	7	6350	2	1993	1	3803	1
IL71-5662/PL145//2165	HBZ374C	4	3408	1	5761	4	1518	8	3562	5
W2440/W9488A//2163	KS92PO263-137	22	3334	2	5643	6	1798	3	3592	3
TAM-107*3/TA2460	KS93U206	23	3269	3	6033	3	1444	11	3582	4
NE82671/NE80413	NE91651	26	3087	6	5605	8	1581	7	3425	6
Brule//Buc 's'/Bjy 's'/3/TX78V3924-5-3	TX92V4135	12	2961	8	5749	5	1518	9	3409	7
TX81V6603/TX78A3345-V34	TX90V6313	11	3091	5	5409	9	1615	6	3372	8
TAM-107	TAM-107	3	2845	9	5634	7	1481	10	3320	9
Scout 66	SCOUT66	2	1993	10	4845	10	1738	4	2859	10
Kharkof	KHARKOF	1	998	11	3064	11	1829	2	1964	11
	MEAN		2845		5496		1658		3333	
	LSD(.05)		541		961		N.S.		949	
	C.V.		9.3		7.3		13.0		9.1	

Table 5. Continued.

C.I. OR SEL. NO.	ENTRY NO.	STILLWATER OKLAHOMA		ALTUS OKLAHOMA		LAHOMA OKLAHOMA		GOODWELL OKLAHOMA		OKLAHOMA STATE MEAN		CLOVIS (IRR.) NEW MEXICO		CLOVIS* (DRYL.) NEW MEXICO	
HBE0726-1	13	3251	4	4537	1	4162	1	3980	2	3983	1	3871	1	266	9
XH1706	31	3380	2	4318	3	4027	2	3988	1	3928	2	3714	2	424	1
HBZ374C	4	3584	1	3810	7	3680	4	3909	3	3746	3	3027	4	184	11
KS92PO263-137	22	3294	3	3717	8	3655	5	3531	4	3549	5	3352	3	327	5
KS93U206	23	3107	6	4381	2	3932	3	3402	6	3705	4	2339	8	398	3
NE91651	26	2783	7	3973	5	3614	6	3047	7	3354	7	2755	5	286	8
TX92V4135	12	3186	5	3919	6	3375	7	3493	5	3493	6	2223	9	228	10
TX90V6313	11	2731	8	4060	4	3220	8	2992	9	3251	8	2366	7	325	6
TAM-107	3	2150	9	3332	9	2533	9	2997	8	2753	9	1989	10	399	2
SCOUT66	2	1630	10	2710	10	1800	10	2395	10	2134	10	1725	11	380	4
KHARKOF	1	1137	11	1733	11	900	11	1846	11	1404	11	2370	6	286	7
MEAN		2748		3681		3173		3234		3209		2703		319	
LSD(.05)		628		741		1187		738		674		N.S.		N.S.	
C.V.		12.6		9.7		11.6		8.1		10.5		29.9		35.4	

* Not included in state or regional means.

Table 5. Continued.

C.I. OR SEL. NO.	ENTRY NO.	HUTCHINSON KANSAS		HAYS KANSAS		MANHATTAN KANSAS		COLBY KANSAS		GARDEN CITY KANSAS		KANSAS STATE MEAN	
HBE0726-1	13	2233	4	3382	2	2574	1	3895	2	2284	4	2873	2
XH1706	31	2213	5	3575	1	2185	7	3294	5	2706	1	2795	4
HBZ374C	4	2496	3	3252	3	2534	2	3648	3	2156	5	2817	3
KS92PO263-137	22	2716	2	2884	6	2447	3	4163	1	2375	3	2917	1
KS93U206	23	2735	1	3209	4	2401	4	3414	4	2140	6	2780	5
NE91651	26	2161	7	2512	9	2199	6	3264	6	2132	7	2453	7
TX92V4135	12	1944	9	2922	5	2085	8	2874	9	2076	8	2380	9
TX90V6313	11	2044	8	2819	7	2057	9	3061	8	2382	2	2472	6
TAM-107	3	2202	6	2615	8	2203	5	3138	7	1954	9	2422	8
SCOUT66	2	1288	10	2478	10	699	10	2385	11	1844	10	1739	10
KHARKOF	1	1097	11	1718	11	383	11	2540	10	1344	11	1416	11
MEAN		2103		2851		1979		3243		2126		2460	
LSD(.05)		782		846		1261		N.S.		N.S.		553	
C.V.		12.6		11.5		13.5		15.2		11.9		13.5	

Table 5 Continued.

C.I. OR SEL. NO.	ENTRY NO.	AKRON COLORADO		JULESBURG COLORADO		BURLINGTON COLORADO		COLORADO STATE MEAN		PIERRE S. DAKOTA		WINNER S. DAKOTA		BROOKINGS S. DAKOTA		SOUTH DAKOTA STATE MEAN	
HBE0726-1	13	3797	1	2687	5	4842	1	3775	1	3420	4	2818	5	1993	2	2743	3
XH1706	31	3341	2	3201	1	4685	2	3742	2	3189	6	3296	2	1658	8	2714	4
HBZ374C	4	3111	6	2955	2	4358	3	3475	3	3802	1	2869	4	1936	3	2869	2
KS92PO263-137	22	3287	3	2688	4	3632	8	3202	6	3587	2	2723	7	1771	7	2693	5
KS93U206	23	2995	7	2768	3	4151	4	3305	4	3580	3	3414	1	1789	6	2928	1
NE91651	26	3130	5	2651	6	4042	5	3274	5	3226	5	2765	6	1836	5	2609	6
TX92V4135	12	3274	4	1904	10	3666	7	2948	8	3061	9	2301	9	1306	11	2223	9
TX90V6313	11	2633	9	2524	7	3824	6	2994	7	3077	8	2430	8	1581	9	2363	8
TAM-107	3	2826	8	2357	8	3470	9	2884	9	3182	7	2944	3	1373	10	2500	7
SCOUT66	2	1907	10	2256	9	2665	10	2276	10	1880	11	2106	10	1933	4	1973	11
KHARKOF	1	1772	11	1663	11	2310	11	1915	11	1961	10	1964	11	2289	1	2071	10
MEAN		2922		2514		3781		3072		3088		2694		1769		2517	
LSD(.05)		N.S.		N.S.		N.S.		N.S.		N.S.		N.S.		N.S.		N.S.	
C.V.		16.9		15.0		12.4		14.7		16.4		16.8		28.8		19.5	

Table 5. Concluded.

C.I. OR SEL. NO.	ENTRY NO.	CLAY CENTER NEBRASKA		NORTH PLATTE NEBRASKA		SIDNEY NEBRASKA		HEMING-FORD NEBRASKA		NEBRASKA STATE MEAN		COLUMBIA MISSOURI		REGIONAL AVERAGE	
HBE0726-1	13	3502	1	3006	7	5658	1	4823	4	4247	3	3052	4	3546	1
XH1706	31	3373	2	3378	3	5447	2	5471	1	4417	1	2747	8	3525	2
HBZ374C	4	3079	7	3328	4	4952	4	5042	3	4100	5	3002	6	3384	3
KS92PO263-137	22	3335	4	3857	1	5144	3	4749	6	4271	2	3272	1	3373	4
KS93U206	23	3290	6	3090	6	4502	6	4758	5	3910	6	2865	7	3292	5
NE91651	26	3345	3	3392	2	4760	5	5268	2	4191	4	3081	3	3175	6
TX92V4135	12	3073	8	2602	8	4273	7	4702	7	3663	8	3036	5	2980	7
TX90V5313	11	3304	5	2439	9	3941	9	4238	9	3481	9	2620	9	2936	8
TAM-107	3	3021	9	3192	5	4119	8	4654	8	3746	7	3159	2	2890	9
SCOUT66	2	2595	10	2151	10	3545	10	3333	10	2906	10	2251	10	2256	10
KHARKOF	1	2304	11	1458	11	2868	11	3195	11	2456	11	1714	11	1852	11
MEAN		3111		2899		4474		4567		3763		2800		3019	
LSD(.05)		N.S.		N.S.		1499		1239		1041		822		365	
C.V.		10.4		20.7		15.4		13.4		15.1		8.5		14.5	

Table 6. Mean yield, regression coefficient, coefficient of determination, and mean square deviations from regression from linear regression analysis of variety mean yield on nursery mean yield for the 45 entries in the 1995 Southern Regional Performance Nursery grown at 27 locations.

C.I. OR SEL. NO.	ENTRY NO.	27 SITE REGIONAL AVERAGE KG/HA	REGRESSION COEFFICIENT (b)	COEFFICIENT OF DETERMINATION (r2)	DEVIATIONS FROM REGRESSION (MEAN SQUARE)
WX92-0408	38	3974	1.03	0.91	265381
TX91D6913	9	3914	1.08	0.92	248899
OK91P648	5	3869	1.05	0.92	239918
XH1798	34	3765	1.09	0.94	184232
HBE0726-1	13	3744	1.17	0.95	186956
HBI0531-A2	15	3683	0.96	0.90	281191
TX91D6991	10	3653	1.05	0.92	247612
AP 7501	37	3651	1.14	0.95	191365
T702	42	3622	1.16	0.94	211395
HBZ374C	4	3561	1.05	0.96	115162
XH1752	32	3549	1.02	0.94	164697
XH1706	31	3494	1.24	0.96	179830
KS92PO263-137	22	3472	0.98	0.93	174952
TX93V5919	16	3451	1.17	0.92	310469
OK93P735	6	3432	1.02	0.94	165761
W91-091	35	3383	1.13	0.96	146091
XH1778	33	3382	1.06	0.93	236286
WI89-163W	39	3379	1.14	0.94	200542
T812	44	3377	0.95	0.90	260332
TX93V5922	17	3352	1.13	0.86	550968
OK93P656	7	3337	0.98	0.98	58614
OK93P727	8	3322	0.99	0.92	233908
W88-2619W	41	3301	1.21	0.96	177591
NE91651	26	3282	1.02	0.97	77697
NE92646	30	3266	1.13	0.93	251839
NE92458	28	3247	1.07	0.94	180276
W91-287	36	3233	1.07	0.96	133722
T834	43	3219	1.03	0.92	249968
TX92V3108	14	3205	0.90	0.92	179285
N93L058	25	3179	0.95	0.94	144523
T861	45	3139	0.79	0.73	612823
CO890323	20	3131	0.96	0.94	159528
KS93U206	23	3124	0.83	0.85	327237
TX92V2519	19	3108	1.01	0.97	91840
TX92V4135	12	3107	0.99	0.94	159341
CO900166	21	3078	1.04	0.93	199285
TX93V4927	18	3033	0.81	0.91	179467
NE90476	27	3015	0.82	0.90	204750
TX90V6313	11	2990	0.93	0.93	175684
NE92614	29	2955	0.98	0.91	241735
KS91H153-2	24	2945	0.76	0.85	265166
TAM-107	3	2745	0.88	0.91	206077
WI90-540W	40	2529	0.89	0.88	282954
SCOUT66	2	2124	0.70	0.75	431926
KHARKOF	1	1842	0.64	0.65	585951

Table 7. Mean yield, regression coefficient, coefficient of determination, and mean square deviations from regression from linear regression analysis of variety mean yield on nursery mean yield for the 11 entries in the 1994 and 1995 Southern Regional Performance Nursery grown at 25 locations.

C.I. OR SEL. NO.	ENTRY NO.	25 SITE REGIONAL AVERAGE KG/HA	REGRESSION COEFFICIENT (b)	COEFFICIENT OF DETERMINATION (r2)	DEVIATIONS FROM REGRESSION (MEAN SQUARE)
HBE0726-1	13	3546	1.20	0.91	208034
XH1706	31	3525	1.29	0.92	201837
HBZ374C	4	3384	1.07	0.92	133949
KS92PO263-137	22	3373	1.00	0.91	140283
KS93U206	23	3292	1.09	0.92	149502
NE91651	26	3175	1.09	0.93	115031
TX92V4135	12	2980	1.02	0.88	190286
TX90V6313	11	2936	0.96	0.92	106807
TAM-107	3	2890	1.04	0.90	167699
SCOUT66	2	2256	0.72	0.68	337111
KHARKOF	1	1852	0.52	0.46	433203