Table 2. Summary of mean yields (kg/ha) for 45 wheats grown in the 1998 Southern Regional Performance Nursery with state means and ranks.

C.I./Selection	ENTRY	Regional		State mean Colorado		Ft. Collins Colorado		Walsh Colorado		Julesberg Colorado		Burlington Colorado		Crawfordsville Iowa		State mean Kansas		Manhattan Kansas		Hays Kansas	
		mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank
XH1881	34	4755	1	4229	3	4937	6	3702	3	4509	6	3767	15	3673	13	4380	5	5200	2	5553	7
XH1872	36	4726	2	4382	1	5438	1	3528	10	4276	12	4286	4	4274	2	4538	2	4285	14	5568	6
WX94-3504	33	4623	3	4052	9	4792	9	3450	16	4177	16	3788	14	4093	5	4476	4	5617	1	5692	2
KS89180B-2-1	21	4611	4	3789	23	3747	40	3114	28	3862	30	4433	1	3544	18	4590	1	4960	4	5801	1
XH1875	35	4588	5	4226	4	4965	5	3448	17	4480	7	4010	9	3511	19	4318	6	4346	12	5669	3
TX91D6856	10	4560	6	4175	6	4832	7	3209	25	4687	2	3650	21	3132	30	4202	9	4380	11	5398	11
KS97P0630-4-5	22	4451	7	3902	15	3910	38	3259	24	4631	3	3808	13	3650	15	4280	7	4811	7	5609	4
KS90175-3	20	4436	8	3711	30	3542	43	3499	12	3903	26	3901	12	3428	22	4499	3	4891	5	5317	14
W94-244-132	30	4399	9	3737	26	4251	27	3141	27	3853	31	3704	18	4038	7	4226	8	4834	6	5158	19
T102	40	4354	10	4057	8	4392	25	3647	5	4593	4	3457	32	4019	8	4016	15	3348	33	5118	23
OK95548	5	4326	11	3710	31	4793	8	2732	42	3698	39	3618	23	4077	6	4005	16	4179	16	5407	10
OK95571	6	4325	12	3587	36	4535	17	2715	43	3870	29	3227	37	4398	1	3872	22	3731	26	5521	8
OK94P549	4	4314	13	3898	17	4623	14	3554	8	4337	8	3080	41	3352	25	3959	18	3424	31	5588	5
KS95HW62-6	17	4292	14	3874	20	3934	37	3652	4	3670	40	4240	5	3478	20	4028	13	3456	29	5387	12
G15458	44	4259	15	3992	12	4693	10	3348	21	4291	10	3638	22	3059	34	4062	11	4302	13	5178	18
G15111	45	4222	16	3699	33	4266	26	3399	18	3965	25	3168	40	3332	26	3810	24	4395	10	5279	15
N95L158	25	4199	17	3894	19	4445	19	3178	26	3619	41	4332	2	3332	27	3725	28	3283	36	4972	26
G14264	41	4182	18	3770	25	4039	32	3369	19	3998	23	3672	20	4219	3	4029	12	3416	32	5102	24
G15011	43	4181	19	4212	5	5016	4	3566	7	4255	13	4011	8	2954	37	3672	33	4260	15	4748	30
TX94V2130	15	4172	20	4070	7	4579	16	3496	13	3887	28	4317	3	3206	29	3703	30	2591	41	5127	22
TX94V2327	11	4152	21	3924	14	4648	12	3309	22	4253	14	3487	29	3679	12	3997	17	3490	28	5151	20
OK95593	7	4148	22	3361	43	3257	45	2744	41	3722	37	3722	17	3422	23	4065	10	3934	22	5414	9
CO940700	16	4124	23	4008	11	5055	3	3459	15	3966	24	3552	25	2958	36	3637	34	3628	27	4777	29
KS95H167-3	18	4120	24	3898	18	3883	39	3489	14	4284	11	3938	10	2900	39	3688	32	3440	30	4963	27
TAM-107	3	4106	25	3899	16	4611	15	2933	34	4329	9	3724	16	3742	10	3435	41	3007	39	5275	16
W95-188	29	4084	26	3543	39	4058	31	2857	36	3848	32	3407	35	4196	4	3818	23	4419	9	5140	21
TX95V4933	13	4072	27	3820	22	4030	34	3867	1	3240	44	4143	7	2938	38	3599	35	3336	34	4533	34
TX95V4926	12	4059	28	3966	13	3955	36	3538	9	4172	17	4198	6	3075	32	3531	38	3030	38	4499	36
KS97W0935-29-15	23	4049	29	3704	32	4103	30	2998	31	4108	18	3606	24	3714	11	3906	20	3943	21	3954	43
T101	39	4028	30	3555	38	4402	22	3106	30	3898	27	2813	43	3907	9	3889	21	4117	19	4551	33
G15048	42	4019	31	4238	2	5185	2	3516	11	4745	1	3504	28	3368	24	3482	40	2478	42	4797	28
T99	37	4000	32	3725	29	4399	23	2969	33	4106	19	3427	34	3650	14	3750	27	3909	23	4504	35
W95-221	32	3957	33	3776	24	4421	21	3359	20	3816	35	3510	26	2665	43	3545	37	3170	37	4985	25
W95-210	28	3950	34	3728	28	4035	33	3274	23	4093	20	3508	27	3024	35	3941	19	4475	8	5387	12
TX91D6825	9	3947	35	3669	35	4226	28	2843	37	4535	5	3070	42	2571	44	3711	29	4094	20	4488	38
W95-301	31	3942	36	3437	42	3583	42	2989	32	3711	38	3463	31	2860	40	4020	14	5136	3	5232	17
OK95G701	8	3940	37	3692	34	4532	18	2784	39	4224	15	3227	37	3458	21	3690	31	3327	35	4629	32
T100	38	3931	38	3584	37	4631	13	2749	40	3581	42	3375	36	3634	17	3757	26	3798	25	4302	41
KS95H176-1	19	3837	39	4012	10	4442	20	3848	2	3827	34	3932	11	3642	16	3265	43	2414	43	4450	39
KS91W009-6-1	24	3822	40	3509	40	3727	41	3112	29	4004	22	3191	39	2772	41	3575	36	4118	18	4497	37
NE94632	27	3822	41	3829	21	4656	11	2922	35	4064	21	3674	19	3213	28	3785	25	4144	17	4190	42
NE93496	26	3792	42	3484	41	4393	24	2616	44	3459	43	3467	30	3069	33	3506	39	3875	24	4640	31
TX95V5332	14	3784	43	3729	27	4003	35	3637	6	3840	33	3436	33	3092	31	3375	42	2926	40	4380	40
Scout 66	2	3181	44	3243	44	4131	29	2404	45	3770	36	2665	44	2697	42	2826	44	2272	44	3905	44
Kharkof	1	2576	45	2979	45	3283	44	2817	38	3180	45	2635	45	1866	45	2273	45	2084	45	2768	45
mean		4120		3805		4344		3211		4023		3603		3397		3832		3828		4947	
LSD (0.05)		240		489		746		725		796		538		644		394		822		350	
CV		11.4		11.6		10.6		13.9		12.2		9.2		9.5		9.1		12.3		4.4	

Table 2. Summary of mean yields (kg/ha) for 45 wheats grown in the 1998 Southern Regional Performance Nursery with state means and ranks.

C.I./Selection	ENTRY	Colby Kansas		Garden City Kansas		Hutchinson Kansas		Wichita I Kansas		Wichita II Kansas		Winfield Kansas		Salina Kansas		Columbia Missouri		State mean Nebraska		Clay Center Nebraska	
		mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank
XH1881	34	5652	6	2714	16	2841	18	5348	6	3438	18	3676	6	5000	6	3340	6	5429	2	4580	11
XH1872	36	6200	1	2723	15	3067	11	5584	1	4545	2	3879	1	4989	7	3699	1	5035	15	4208	26
WX94-3504	33	5739	4	2812	7	3197	7	5081	15	3847	5	3748	3	4557	23	3430	4	5280	4	5090	2
KS89180B-2-1	21	6081	2	2795	8	3530	3	5318	8	4020	3	3729	4	5078	3	3004	22	5575	1	4848	6
XH1875	35	5242	19	2655	21	3191	8	5453	2	3619	11	3427	13	5259	1	3587	3	5227	6	4566	13
TX91D6856	10	5554	9	2916	3	3101	10	5122	14	3058	30	3209	16	5079	2	2869	27	5220	7	5148	1
KS97P0630-4-5	22	5475	14	2733	12	3552	2	5181	13	3842	7	2977	21	4338	32	3250	9	5317	3	4968	4
KS90175-3	20	5216	23	2736	11	3944	1	5442	3	4742	1	3609	8	4597	22	2780	31	5098	11	4229	25
W94-244-132	30	4927	37	2580	28	2929	14	5342	7	3819	8	3673	7	4771	13	3251	8	5154	9	4677	10
T102	40	5220	22	2551	30	3042	12	5290	11	3430	19	3597	9	4549	24	2645	38	4813	25	3878	35
OK95548	5	5051	33	2600	27	3227	6	5035	17	3554	13	2522	35	4472	28	3026	20	5277	5	5015	3
OK95571	6	5064	31	2568	29	2485	26	4924	18	3158	26	2450	38	4949	8	2847	29	5176	8	4410	18
OK94P549	4	5479	13	2916	2	2139	36	5301	10	3519	14	2351	41	4912	10	2466	42	4978	18	4406	19
KS95HW62-6	17	5534	10	2829	6	2447	29	5440	4	3759	9	2859	24	4541	25	2556	39	4576	37	4185	28
G15458	44	5863	3	2705	17	2847	17	4611	26	3459	17	3151	17	4439	29	3116	15	5020	16	4348	21
G15111	45	5193	25	2733	14	3184	9	4375	34	2150	41	2823	26	4158	37	2511	41	4848	23	3656	41
N95L158	25	5120	30	2364	42	1778	38	4526	28	3343	21	3115	18	5023	5	3206	11	5079	13	3134	45
G14264	41	5578	8	2625	25	2802	21	5198	12	3194	25	3752	2	4598	21	2690	35	4826	24	4163	29
G15011	43	5460	15	2659	20	1717	40	4706	24	2764	32	2516	36	4217	34	3138	14	4779	28	3970	33
TX94V2130	15	5054	32	2791	9	1756	39	5062	16	3296	22	3581	10	4074	41	3318	7	4317	43	3450	43
TX94V2327	11	5480	12	2893	4	2978	13	4609	27	3471	16	2849	25	5054	4	3430	5	4731	30	4575	12
OK95593	7	4905	38	2733	12	2677	23	5425	5	3843	6	2716	31	4936	9	3071	17	4731	29	4858	5
CO940700	16	5244	18	2545	31	2590	25	4396	31	2217	40	2821	27	4516	27	3609	2	5019	17	4148	30
KS95H167-3	18	5446	16	2757	10	2172	34	4485	29	2673	33	2536	34	4724	17	2825	30	4797	27	4280	23
TAM-107	3	5211	24	2525	32	2150	35	4715	23	1693	44	2428	40	3914	43	2981	24	4862	22	4187	27
W95-188	29	5226	21	2618	26	3253	5	4759	21	2534	36	2448	39	3967	42	3116	15	4615	34	4279	24
TX95V4933	13	5186	26	2890	5	2194	33	4344	36	2383	38	2774	29	4753	16	3026	20	4875	21	4728	8
TX95V4926	12	5237	20	3013	1	2320	31	4277	38	2616	35	2483	37	4871	11	2982	23	5068	14	4505	15
KS97W0935-29-15	23	5685	5	2437	38	3331	4	4293	37	3886	4	3465	11	4160	36	2713	32	5110	10	4470	16
T101	39	5034	35	2474	35	2812	20	4859	19	3357	20	3445	12	4347	30	3161	13	4423	42	3816	37
G15048	42	5623	7	2687	19	1383	42	4393	32	2502	37	2772	30	4702	18	3250	9	5084	12	4282	22
T99	37	4864	40	2463	36	2596	24	4728	22	3119	27	3221	15	4347	30	2892	26	4682	32	4135	31
W95-221	32	5121	29	2630	24	1222	44	4268	39	2916	31	2933	23	4658	19	3071	17	4944	19	3487	42
W95-210	28	4856	41	2518	34	2449	28	4465	30	3608	12	2940	22	4767	14	3071	17	4677	33	3795	39
TX91D6825	9	5510	11	2649	22	2443	30	3717	42	3682	10	2995	20	3822	44	2556	39	4937	20	4790	7
W95-301	31	4942	36	2463	37	2888	15	3935	41	3229	23	3724	5	4634	20	3184	12	4544	38	4447	17
OK95G701	8	5171	28	2644	23	2221	32	5309	9	3222	24	2585	32	4102	40	2713	32	4515	39	3787	40
T100	38	4582	43	2437	39	2885	16	4704	25	3504	15	3281	14	4324	33	2354	43	4452	41	4082	32
KS95H176-1	19	5352	17	2703	18	1253	43	4020	40	2256	39	2177	44	4759	15	2712	34	4594	36	4371	20
KS91W009-6-1	24	4905	38	2163	44	1967	37	4377	33	3073	29	2305	42	4772	12	2668	37	4724	31	3810	38
NE94632	27	5048	34	2395	41	2814	19	4778	20	3114	28	3049	19	4536	26	2690	35	4801	26	4534	14
NE93496	26	4689	42	2224	43	2452	27	4346	35	2655	34	2547	33	4124	38	2959	25	4608	35	3957	34
TX95V5332	14	5178	27	2520	33	2792	22	3502	43	2075	42	2787	28	4216	35	2869	27	4514	40	4691	9
Scout 66	2	4478	44	2401	40	1572	41	3079	44	1737	43	1870	45	4123	39	2309	44	3966	44	3825	36
Kharkof	1	3668	45	1880	45	964	45	2112	45	1516	45	2293	43	3169	45	2309	44	3336	45	3405	44
mean		5230		2614		2559		4672		3178		2980		4536		2961		4836		4270	
LSD (0.05)		402		443		508		712		780		407		626		396		594		900	
CV		4.7		10.4		12.3		9.4		15.1		8.4		8.5		8.3		13.9		13.0	

Table 2. Summary of mean yields (kg/ha) for 45 wheats grown in the 1998 Southern Regional Performance Nursery with state means and ranks.

C.I./Selection	ENTRY	North Platte		Sidney		Lincoln		Grant		State mean		Farmington		Clovis (dryland)		Clovis (irrigated)		State mean		Stillwater		Goodw
		Nebraska		Nebraska		Nebraska		Nebraska		New Mexico		New Mexico		New Mexico		New Mexico		Oklahoma		Oklahoma		Oklaho
		mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean
XH1881	34	4533	20	6139	1	5170	12	6721	4	5100	1	10525	2	2349	9	3782	20	4920	7	4743	2	6933
XH1872	36	4447	21	4449	27	5306	6	6765	1	4758	6	9110	4	2049	23	4204	9	5324	1	4729	3	7267
WX94-3504	33	5211	9	4139	35	5228	8	6734	2	4483	15	8109	20	2172	16	4074	12	5042	3	4675	5	6942
KS89180B-2-1	21	6140	1	5426	7	5090	15	6374	10	4557	13	8144	19	2370	8	4053	14	4814	11	4173	13	6540
XH1875	35	4645	19	4997	12	5389	3	6536	6	4703	8	8903	7	2034	24	4221	8	4881	8	4435	7	6605
TX91D6856	10	4712	17	4032	39	5537	1	6669	5	4519	14	8851	8	2228	15	3560	23	5227	2	5168	1	6872
KS97P0630-4-5	22	5352	5	5525	5	4938	19	5804	35	3973	28	7730	25	1405	45	3724	22	5026	4	4281	10	6761
KS90175-3	20	5246	7	4549	22	4736	28	6729	3	4449	20	8506	12	1971	28	3883	18	4805	13	4713	4	5367
W94-244-132	30	4933	11	4989	13	4897	22	6275	18	4574	12	8178	18	2429	6	4015	16	4526	18	4017	19	6192
T102	40	4900	12	4403	29	4916	21	5967	32	4787	5	8662	11	2098	20	4571	3	4689	14	4083	17	6860
OK95548	5	5554	3	4258	33	5038	17	6522	7	4450	19	6988	35	2535	4	4461	4	4873	9	4404	8	6506
OK95571	6	4321	24	5633	3	5518	2	5997	28	4875	4	8713	10	2124	19	4747	1	4923	6	4137	16	7166
OK94P549	4	4375	22	4790	16	5313	5	6005	26	4335	24	7316	28	2263	13	4172	11	4832	10	4030	18	7148
KS95HW62-6	17	3892	34	3782	45	5049	16	5971	31	4878	3	8351	14	2800	2	4351	6	4807	12	4141	15	7114
G15458	44	5504	4	4075	37	4753	27	6422	9	3989	26	7920	23	1865	33	3167	33	4349	24	4243	11	5879
G15111	45	4315	25	5465	6	4432	38	6369	11	4928	2	10698	1	2154	17	3375	27	4406	21	3694	27	6239
N95L158	25	6098	2	4765	17	5352	4	6047	23	4457	18	7126	33	2607	3	4306	7	4080	33	2593	42	6910
G14264	41	4315	26	4504	24	5114	14	6035	24	4387	22	8920	6	1847	34	3525	24	4213	30	3325	33	6234
G15011	43	3933	33	5025	11	5188	10	5776	36	4630	9	8196	17	2532	5	4054	13	4129	32	3271	37	6786
TX94V2130	15	4246	27	4603	20	3888	43	5397	43	4716	7	7367	27	2842	1	4603	2	4409	20	3287	36	7076
TX94V2327	11	3794	36	4487	26	4602	32	6197	20	3593	38	6695	39	2032	25	2827	38	4537	17	3927	22	6112
OK95593	7	4002	29	3930	43	4885	23	5982	29	3778	34	6229	41	1892	30	3827	19	4990	5	3915	23	7512
CO940700	16	4875	14	4558	21	5204	9	6311	15	3979	27	7402	26	2064	21	3326	29	4248	28	3463	30	5952
KS95H167-3	18	3704	40	5056	10	4663	31	6280	17	4590	11	8403	13	2145	18	4176	10	4623	15	3402	32	6903
TAM-107	3	4139	28	5659	2	4926	20	5399	42	4472	17	8006	21	1880	31	4414	5	4446	19	3750	25	6908
W95-188	29	3837	35	5081	9	3922	42	5955	33	3755	35	7022	34	1958	29	3101	34	4571	16	4225	12	5726
TX95V4933	13	3944	31	5201	8	4496	36	6009	25	3940	29	6884	36	1623	40	4049	15	4338	25	3189	38	7091
TX95V4926	12	4359	23	5611	4	4862	25	6002	27	3919	31	7178	31	2007	27	3388	26	4292	27	3000	39	6947
KS97W0935-29-15	23	5217	8	4610	19	4952	18	6300	16	4014	25	7937	22	1843	35	3244	30	3703	39	4584	6	3721
T101	39	3705	39	3883	44	4881	24	5829	34	4439	21	8316	15	2013	26	3958	17	4404	22	4288	9	5398
G15048	42	4726	16	4905	14	5144	13	6365	12	4479	16	8748	9	2272	11	3483	25	3237	43	2299	43	5500
T99	37	3979	30	4498	25	4824	26	5973	30	3876	32	7264	29	2315	10	2897	36	4232	29	3730	26	5593
W95-221	32	4809	15	4799	15	5271	7	6354	13	4350	23	8989	5	2054	22	3167	32	3384	41	2667	40	5875
W95-210	28	4875	13	4097	36	4496	36	6124	21	3449	42	7160	32	1614	42	2500	41	4203	31	3843	24	5956
TX91D6825	9	5320	6	4019	40	4229	41	6326	14	3704	37	7833	24	1673	38	2637	40	3820	36	4149	14	4453
W95-301	31	3743	37	4340	32	4497	35	5695	38	3923	30	6177	42	2384	7	3771	21	3759	38	3298	35	4975
OK95G701	8	3347	43	4612	18	4727	29	6100	22	3514	40	6505	40	1879	32	2907	35	4355	23	3684	28	6273
T100	38	3683	41	4510	23	4368	40	5616	41	3816	33	7229	30	2254	14	2818	39	4327	26	4005	20	5633
KS95H176-1	19	3935	32	3989	41	4404	39	6272	19	4595	10	9352	3	2270	12	3353	28	3382	42	1924	44	5773
KS91W009-6-1	24	4987	10	4385	31	4716	30	5723	37	3723	36	8230	16	1813	37	2252	43	3676	40	3309	34	4688
NE94632	27	3425	42	4386	30	5182	11	6477	8	3085	43	5953	44	1639	39	2380	42	3983	34	3931	21	4699
NE93496	26	4651	18	4233	34	4551	34	5649	40	3590	39	6746	38	1580	43	3234	31	3778	37	3458	31	5342
TX95V5332	14	3714	38	3951	42	4561	33	5652	39	3502	41	6850	37	1623	41	2871	37	3905	35	3515	29	4959
Scout 66	2	2741	44	4434	28	3796	44	5035	44	3026	44	6108	43	1841	36	1899	44	3014	44	2647	41	4612
Kharkof	1	2038	45	4069	38	2959	45	4210	45	2608	45	5228	45	1474	44	1779	45	1738	45	1720	45	1978
mean		4405		3882		4799		6100		4162		7794		2063		3263		4294		3735		6043
LSD (0.05)		1207		1262		858		486		1052		1519		n.s.		625		763		578		609
CV		16.9		20.0		11.0		4.9		15.6		12.0		28.3		12.5		7.4		9.5		602.0

Table 2. Summary of mean yields (kg/ha) for 45 wheats grown in the 1998 Southern Regional Performance Nursery with state means and ranks.

C.I./Selection	ENTRY		Lahoma		Altus		State mean		Brookings		Dakota Lakes		Winner		State mean		Chillicothe		Bushland (dryland)		Bushland (irrigated)	
			Oklahoma		Oklahoma		South Dakota		South Dakota		South Dakota		South Dakota		Texas		Texas		Texas		Texas	
		rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank
XH1881	34	10	4828	14	3176	24	5426	1	5154	18	7344	1	3779	1	4404	4	4903	1	2697	17	5612	23
XH1872	36	2	5827	1	3475	7	5081	3	5259	13	6691	8	3293	3	4373	5	4672	2	3178	1	5270	27
WX94-3504	33	9	4993	11	3560	5	5190	2	5122	19	7312	2	3136	7	4189	12	4138	5	2657	19	5771	18
KS89180B-2-1	21	19	5220	7	3323	15	4919	7	5093	23	6759	7	2905	18	4095	16	3663	25	2958	6	5665	22
XH1875	35	18	5086	10	3400	10	4826	11	4806	39	6478	12	3194	6	4433	3	3847	14	2975	5	6479	5
TX91D6856	10	14	5385	4	3481	6	5011	5	5082	26	6817	6	3134	9	4224	8	3647	27	2646	21	6379	6
KS97P0630-4-5	22	17	5366	5	3698	2	4644	19	4822	38	6012	19	3098	13	4062	19	3625	31	2864	12	5698	20
KS90175-3	20	36	5396	3	3744	1	4926	6	5248	14	7077	3	2455	36	3975	22	3968	9	2989	4	4968	33
W94-244-132	30	24	4586	18	3310	16	4880	8	4894	35	6611	10	3136	7	4143	14	4075	6	2651	20	5703	19
T102	40	15	4453	20	3361	13	4673	18	4459	45	6577	11	2984	15	4251	7	4069	7	2821	13	5863	15
OK95548	5	20	5280	6	3303	17	4323	39	4708	43	6212	15	2049	41	4129	15	3363	40	2771	15	6253	11
OK95571	6	3	5170	8	3217	19	4423	32	4569	44	5967	22	2733	25	4190	11	3685	22	3028	3	5856	16
OK94P549	4	4	4942	13	3208	20	4835	10	5490	3	5797	25	3219	5	4094	17	3490	35	2142	35	6650	4
KS95HW62-6	17	5	4985	12	2988	32	4524	26	5187	16	5151	39	3235	4	4174	13	3663	25	2145	34	6713	2
G15458	44	28	4110	28	3165	25	4737	14	4909	33	6357	13	2943	17	4027	20	4024	8	2696	18	5361	25
G15111	45	22	4261	24	3431	8	4516	27	5091	24	5784	26	2674	28	4514	2	3941	10	2903	8	6699	3
N95L158	25	11	3857	36	2961	33	4743	13	4956	29	6635	9	2638	31	4083	18	3663	24	2234	31	6352	7
G14264	41	23	4105	29	3190	23	4487	28	5098	22	5633	30	2730	26	3922	24	3865	12	2586	24	5315	26
G15011	43	16	3664	39	2794	35	4696	16	5297	9	5781	27	3008	14	4267	6	3679	23	2807	14	6314	10
TX94V2130	15	7	3893	35	3380	12	4415	33	5701	1	4719	42	2827	20	4744	1	4156	4	3058	2	7017	1
TX94V2327	11	25	4708	16	3400	10	4233	40	4806	39	5194	38	2699	27	3874	25	4477	3	2721	16	4425	37
OK95593	7	1	5489	2	3041	29	4388	36	4952	30	5472	35	2742	22	4218	9	3770	19	2932	7	5950	14
CO940700	16	27	3988	34	3588	4	4631	20	4914	32	6133	17	2847	19	3828	28	3638	28	2868	11	4979	32
KS95H167-3	18	13	5098	9	3088	28	4208	41	5120	20	5490	33	2013	43	3998	21	3840	15	1837	41	6317	9
TAM-107	3	12	4114	27	3013	30	4607	22	5389	6	4903	41	3528	2	4193	10	3358	41	2876	9	6344	8
W95-188	29	31	4718	15	3615	3	4589	23	5268	12	5831	23	2670	30	3814	29	3809	18	2638	22	4996	30
TX95V4933	13	6	4062	31	3009	31	4607	21	5344	8	5801	24	2674	28	3957	23	3811	17	1849	40	6212	12
TX95V4926	12	8	4614	17	2608	40	4768	12	5494	2	6194	16	2616	33	3596	33	3333	42	1462	44	5994	13
KS97W0935-29-15	23	44	3303	41	3205	22	4842	9	4903	34	6882	5	2742	22	3193	42	3620	32	2213	32	3745	43
T101	39	35	4528	19	3402	9	4329	38	5068	27	5624	31	2293	38	3445	37	3708	21	2269	30	4358	39
G15048	42	34	2911	42	2236	42	4461	29	4876	36	5983	21	2524	34	3870	26	3566	33	2371	29	5672	21
T99	37	33	4374	21	3230	18	4413	34	5284	11	5472	34	2484	35	3476	36	3730	20	2179	33	4518	34
W95-221	32	29	2796	44	2200	43	5033	4	4941	31	7046	4	3111	12	3633	31	3441	38	1919	38	5538	24
W95-210	28	26	4311	23	2701	37	4404	35	4797	41	5987	20	2428	37	3382	39	3457	37	1702	42	4987	31
TX91D6825	9	43	3753	37	2927	34	4696	16	5423	5	5544	32	3120	11	3210	41	3813	16	1914	39	3903	42
W95-301	31	38	3996	33	2767	36	4447	30	5203	15	5402	37	2737	24	3587	34	3629	30	2064	37	5069	29
OK95G701	8	21	4256	25	3208	20	4572	24	5086	25	5678	28	2950	16	3693	30	3493	34	2447	26	5141	28
T100	38	32	4334	22	3336	14	4547	25	5167	17	5665	29	2809	21	3603	32	3936	11	2531	25	4341	40
KS95H176-1	19	30	3556	40	2274	41	3966	43	5481	4	4580	43	1838	44	3859	27	3389	39	2376	28	5811	17
KS91W009-6-1	24	41	4071	30	2638	39	4721	15	4786	42	6248	14	3129	10	3386	38	3470	36	2611	23	4077	41
NE94632	27	40	4205	26	3095	26	4190	42	5100	21	5447	36	2022	42	3120	44	3632	29	2085	36	3644	44
NE93496	26	37	3667	38	2645	38	4427	31	5012	28	6014	18	2253	40	3375	40	2878	44	2873	10	4375	38
TX95V5332	14	39	4049	32	3095	26	4348	37	5369	7	5044	40	2632	32	3575	35	3862	13	2434	27	4428	36
Scout 66	2	42	2860	43	1937	44	3562	44	5290	10	3102	44	2293	38	3176	43	3327	43	1689	43	4512	35
Kharkof	1	45	1596	45	1657	45	2963	45	4860	37	2399	45	1630	45	2141	45	2282	45	1399	45	2743	45
mean			4328		3069		4560		5086		5841		2754		3855		3719		2468		5378	
LSD (0.05)			493		342		940		540		955		610		867		713		438		769	
CV			7.1		6.9		9.9		6.5		10.1		13.6		10.5		11.8		10.9		8.8	

Table 2. Summary of mean yields (kg/ha) for 45 wheats grown in the 1998 Southern Regional Performance Nursery with state means and ranks.

C.I./Selection	ENTRY	Lind	
		Washington	
		mean	rank
XH1881	34	5775	1
XH1872	36	5721	2
WX94-3504	33	5056	12
KS89180B-2-1	21	5337	8
XH1875	35	5138	11
TX91D6856	10	5694	4
KS97P0630-4-5	22	5613	5
KS90175-3	20	4186	32
W94-244-132	30	4381	26
T102	40	4536	23
OK95548	5		
OK95571	6	4243	30
OK94P549	4	5288	9
KS95HW62-6	17	4832	18
G15458	44	4901	15
G15111	45	4128	33
N95L158	25	4876	16
G14264	41	4938	14
G15011	43	4321	28
TX94V2130	15		
TX94V2327	11	5700	3
OK95593	7	2952	41
CO940700	16	5181	10
KS95H167-3	18	4012	34
TAM-107	3		
W95-188	29	5443	6
TX95V4933	13	4979	13
TX95V4926	12	4419	24
KS97W0935-29-15	23	4660	20
T101	39	3927	37
G15048	42	4330	27
T99	37	4850	17
W95-221	32	3837	38
W95-210	28	3954	36
TX91D6825	9	5424	7
W95-301	31	4304	29
OK95G701	8	4609	22
T100	38	3994	35
KS95H176-1	19	4223	31
KS91W009-6-1	24	4386	25
NE94632	27		
NE93496	26	4670	19
TX95V5332	14	4625	21
Scout 66	2	3506	40
Kharkof	1	3658	39
mean		4686	
LSD (0.05)		649	
CV		9.8	

Table 3. Summary of mean yields (kg/ha) and ranks of 45 wheats grown in the 1998 SRPN for 6 intra-regional production zones.
(After Peterson, Crop Science 32: 907, 1992)

C.I./Selection	ENTRY	Regional		Southern Plains		Central Plains		North Central Plains		Northern High Plains		Intermountain West		Southern High Plains	
		mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank	mean	rank
XH1881	34	4755	1	4652	3	4309	6	5051	2	5220	2	6949	2	3317	12
XH1872	36	4726	2	4794	2	4606	2	4784	5	5071	4	7052	1	3539	1
WX94-3504	33	4623	3	4627	5	4353	5	5135	1	4965	9	6102	8	3336	10
KS89180B-2-1	21	4611	4	4409	13	4579	3	4803	4	5386	1	5702	23	3398	5
XH1875	35	4588	5	4649	4	4436	4	4668	7	4985	6	6335	5	3376	7
TX91D6856	10	4560	6	4812	1	4161	11	4828	3	4884	13	6459	3	3285	13
KS97P0630-4-5	22	4451	7	4533	7	4250	8	4662	8	5099	3	5751	20	3159	18
KS90175-3	20	4436	8	4558	6	4608	1	4638	9	4924	10	5411	32	3364	8
W94-244-132	30	4399	9	4338	18	4282	7	4761	6	4780	17	5603	25	3232	15
T102	40	4354	10	4366	15	4171	9	4326	22	4757	18	5863	15	3339	9
OK95548	5	4326	11	4521	8	4036	14	4488	11	4784	16	5891	13	3407	4
OK95571	6	4325	12	4413	12	3914	20	4479	13	4685	24	5831	16	3396	6
OK94P549	4	4314	13	4464	10	3968	16	4483	12	4678	26	5742	22	3320	11
KS95HW62-6	17	4292	14	4498	9	4072	13	4287	26	4515	34	5815	18	3472	3
G15458	44	4259	15	4181	21	3947	17	4448	14	4966	8	5744	21	2935	31
G15111	45	4222	16	4405	14	3661	30	4238	33	4746	20	6364	4	3100	21
N95L158	25	4199	17	3885	32	3793	25	4233	34	4997	5	5422	31	3128	19
G14264	41	4182	18	3960	26	4108	12	4345	19	4684	25	6260	7	2977	27
G15011	43	4181	19	3944	28	3445	39	4421	15	4743	22	6035	9	3222	17
TX94V2130	15	4172	20	4347	17	3816	24	3797	43	4584	30	5973	11	3475	2
TX94V2327	11	4152	21	4187	20	4019	15	4173	37	4616	28	5681	24	3016	24
OK95593	7	4148	22	4433	11	4168	10	4368	18	4377	38	4487	44	3229	16
CO940700	16	4124	23	3931	29	3553	32	4327	21	4751	19	5879	14	3007	25
KS95H167-3	18	4120	24	4349	16	3592	31	4041	41	4785	15	5290	34	3241	14
TAM-107	3	4106	25	4116	22	3363	41	4265	29	4743	21	6309	6	3126	20
W95-188	29	4084	26	4273	19	3683	28	4378	17	4559	31	5508	29	2937	30
TX95V4933	13	4072	27	4057	24	3497	37	4251	31	4620	27	5266	35	3035	23
TX95V4926	12	4059	28	3910	31	3511	34	4313	24	4912	12	5107	40	2973	28
KS97W0935-29-15	23	4049	29	3692	38	3848	22	4555	10	4921	11	5566	27	2660	38
T101	39	4028	30	4057	23	3895	21	4261	30	4193	43	6012	10	3051	22
G15048	42	4019	31	3337	42	3425	40	4130	39	4978	7	5912	12	2874	32
T99	37	4000	32	3916	30	3752	26	4281	28	4474	36	5439	30	2840	33
W95-221	32	3957	33	3328	43	3497	36	4320	23	4735	23	5558	28	2650	39
W95-210	28	3950	34	3860	33	3936	19	4199	35	4592	29	5187	38	2594	41
TX91D6825	9	3947	35	3709	36	3525	33	4337	20	4797	14	5787	19	2536	43
W95-301	31	3942	36	3752	35	3940	18	4399	16	4316	40	4798	42	2958	29
OK95G701	8	3940	37	3956	27	3678	29	4179	36	4447	37	5215	36	2777	36
T100	38	3931	38	3990	25	3833	23	4247	32	4224	42	5156	39	2822	34
KS95H176-1	19	3837	39	3391	41	3153	43	3827	42	4551	32	5827	17	2997	26
KS91W009-6-1	24	3822	40	3513	39	3498	35	4298	25	4533	33	5580	26	2607	40
NE94632	27	3822	41	3701	37	3747	27	4286	27	4512	35	5304	33	2545	42
NE93496	26	3792	42	3405	40	3461	38	4156	38	4358	39	5210	37	2670	37
TX95V5332	14	3784	43	3790	34	3292	42	4092	40	4295	41	5106	41	2795	35
Scout 66	2	3181	44	3057	44	2714	44	3357	44	3854	44	4582	43	2151	44
Kharkof	1	2576	45	2000	45	2137	45	2787	45	3300	45	4016	45	1804	45
mean		4120		4045		3805		4327		4664		5629		3014	
LSD (0.05)		240		674		473		533		493		1133		501	
CV		11.4		9.1		9.0		11.1		12.6		11.7		14.1	