

Table 2. Summary of mean yields (kg/ha) for 39 wheats grown in the 1996 Southern Regional Performance Nursery at 26 locations with state means and ranks.

VARIETY OR PEDIGREE	: : C.I. OR : SEL. NO.	: : ENTRY: : NO. :	: : CLOVIS (IRR.)	: : CLOVIS (DRYL.)	: : FARMINGTON	: : NEW MEXICO	: : NEW MEXICO	: : NEW MEXICO	: : STATE MEAN :
AgriPro Seeds Hybrid Wheat	WX92-0408	32	2140	22	1731	11	7339	1	3737 1
Bennett/Brule Composite	NE90476	27	2102	28	1551	17	5630	22	3094 27
TAM-107	TAM-107	3	2726	2	1780	8	6503	11	3670 4
Mesa/Carson	CO910424	18	2136	23	1949	5	6931	4	3672 3
WVE047 2180/2157 HGE013	HBI0531-A2	12	2136	23	1681	12	6853	6	3557 6
T213 sib 2/TAM-107	T834	35	2695	3	1463	22	5066	37	3075 28
2180/KARL//2163	KS94093512552	24	2477	8	1382	29	6487	12	3449 13
OK83201/Redland	NE92458	28	2795	1	1497	20	5587	23	3293 19
TAM-107/T213 sib	T812	36	2274	13	1987	3	6857	5	3706 2
TAM-200/Karl	TX92V3108	11	2389	10	1643	14	6285	16	3439 14
TX86D1310/Kavkaz//TX86D1308	TX91D6991	10	2148	21	1440	23	6939	3	3509 8
Coker 68-15/TAM-107	T702	34	2175	19	1509	19	7029	2	3571 5
TAM-107 3/TA2460	KS93U206	4	2048	30	1554	16	5910	19	3171 24
Bez1/Ctk78//Arthur/Ctk78/3/Bnt/4/Norkan	NE93427	31	2450	9	1405	26	6437	14	3431 15
NE82413/Colt	NE92646	29	2339	11	2018	2	5128	34	3162 25
Pro 812/Caldwell//TX86D1310	TX91D6913	9	2079	29	1424	24	6478	13	3327 16
NE85707/Thunderbird	NE93405	30	2684	4	1861	7	5899	20	3481 11
TAM-107/Caldwell	T861	37	2623	6	1750	9	5397	28	3257 21
Karl/HBY385D//2163	KS941064-6	22	1987	31	1401	28	4859	38	2749 35
T68/KS90WGRC10	T89	38	2320	12	1907	6	5550	24	3259 20
TX85V1830/TX84V1307	TX93V5919	13	2117	25	1650	13	5789	21	3185 22
2555 sib/Vona//2180	OK91P648	5	2117	25	1734	10	6701	8	3518 7
(TX71A562-6 4/Amigo) 4/Largo	TXGH12588-105	17	2198	16	1409	25	6359	15	3322 17
CO840104/Lamar	CO910748	19	1692	35	1478	21	6774	7	3315 18
KS82W418/STEPHENS	KS84W0639393M	26	1562	38	1030	37	5476	25	2689 37
HBY250A/HGF004	OK93P735	6	2554	7	1574	15	6280	17	3469 12
Karl/HBY385D//2163	KS941064-3	21	1673	36	965	39	5079	36	2572 38
2180/KARL//2163	KS940935-72-1	23	2228	15	1164	35	5311	31	2901 32
Sturdy/Plainsman V seln	GI878	39	1983	32	1405	26	5155	33	2848 33
TX88V6610/PMV//Mesa	OK92403	8	2672	5	1286	33	6510	10	3490 9
Bulk Selection	W93-460	33	2159	20	1336	30	5405	27	2967 29
HF5761/TAM-105//Bounty Hybrid 203	KS91H153-2	20	1570	37	1968	4	5312	30	2950 31
KS82W422/SWM754308//KS831182/KS82W422	KS85W66311-6M	25	1849	33	1145	36	5109	35	2701 36
Scout 66	SCOUT66	2	2198	17	2140	1	5207	32	3182 23
HBY242G/HGF092	OK93P634	7	2179	18	1026	38	5327	29	2844 34
TX87V1913/TAM-200	TX93V4927	15	1826	34	1329	31	6232	18	3129 26
OK82377/TX81V6603-2	TX92V2519	16	2113	27	1309	32	5438	26	2954 30
TX85V1830/TX84V1307	TX93V5922	14	2274	14	1543	18	6628	9	3482 10
Kharkof	KHARKOF	1	1233	39	1206	34	3714	39	2051 39
	MEAN		2178		1529		5922		3210
	LSD(.05)		N.S.		N.S.		1138		770
	C.V.		24.5		29.4		13.7		18.7

Table 2. Continued.

C.I. OR SEL. NO.	: ENTRY: NO.	: PROSPER TEXAS	: CHILLI- COTHE TEXAS	: BUSHLAND (IRR.) TEXAS	: BUSHLAND (DRYL.) TEXAS	: TEXAS STATE MEAN	: COLUMBIA* MISSOURI	: PIERRE S. DAKOTA
WX92-0408	32	4589 21	3434 11	5613 2	693 14	3582 6	565 13	3329 4
NE90476	27	4600 20	3788 3	5192 14	753 11	3583 5	296 17	3172 7
TAM-107	3	4555 23	4353 1	5104 15	1067 1	3770 1	666 11	3358 3
CO910424	18	4060 37	2488 31	5557 3	681 17	3197 26	706 9	2717 12
HBI0531-A2	12	4690 14	2116 36	5911 1	697 13	3354 18	94 24	2143 21
T834	35	4651 15	2860 21	5198 13	935 5	3411 15	377 16	3109 9
KS94093512552	24	4797 11	3347 12	5250 10	740 12	3533 9	2071 1	1740 26
NE92458	28	4867 9	3443 10	4580 30	847 7	3434 14	101 22	3493 2
T812	36	4853 10	2719 27	5214 12	670 19	3364 17	807 8	2302 19
TX92V3108	11	4602 19	3598 7	5405 6	652 23	3564 7	7 36	2726 11
TX91D6991	10	4887 8	2759 25	5541 4	659 21	3462 12	612 12	2596 15
T702	34	5053 4	3322 13	5230 11	989 3	3648 3	67 27	1054 32
KS93U206	4	4629 17	3741 5	5084 16	1018 2	3618 4	511 14	2553 16
NE93427	31	4219 36	3179 15	4918 22	621 29	3234 22	155 21	3250 6
NE92646	29	4387 31	2358 33	5064 17	639 27	3112 31	87 25	2085 23
TX91D6913	9	5207 1	2107 37	4914 24	652 22	3220 25	195 20	3143 8
NE93405	30	4452 28	2959 19	4212 37	648 24	3068 33	1553 2	4039 1
T861	37	4642 16	3587 8	4421 33	876 6	3382 16	1318 3	2174 20
KS941064-6	22	5169 2	3080 18	5358 8	500 35	3527 10	27 29	3320 5
T89	38	4625 18	3936 2	4914 24	628 28	3526 11	511 14	1515 28
TX93V5919	13	4963 6	3782 4	5364 7	953 4	3765 2	27 29	307 37
OK91P648	5	5059 3	3100 17	5317 9	670 19	3537 8	20 32	126 38
TXGH12588-105	17	4519 26	2739 26	4685 27	798 8	3185 27	81 26	2134 22
CO910748	19	4544 25	2840 23	4968 21	646 26	3249 21	40 28	1679 27
KS84W0639393M	26	4246 35	1997 38	4600 29	451 38	2823 38	249 19	1349 31
OK93P735	6	4398 30	3170 16	5497 5	693 14	3439 13	262 18	549 34
KS941064-3	21	4932 7	2872 20	4678 28	758 10	3310 20	1278 4	2390 18
KS940935-72-1	23	4981 5	2851 22	5019 18	495 36	3337 19	693 10	2809 10
G1878	39	4365 32	2607 29	4916 23	534 33	3105 32	827 7	1982 24
OK92403	8	4252 34	2688 28	4977 20	675 18	3148 29	27 29	504 35
W93-460	33	4331 33	3555 9	4178 38	540 31	3151 28	20 32	1419 30
KS91H153-2	20	4703 13	2488 31	5017 19	686 16	3224 24	101 22	1475 29
KS85W66311-6M	25	4553 24	2495 30	4539 31	648 25	3059 34	13 34	117 39
SCOUT66	2	4557 22	2206 35	4510 32	785 9	3014 36	1076 5	2607 14
OK93P634	7	4004 38	3221 14	4835 26	455 37	3129 30	13 34	504 35
TX93V4927	15	4486 27	2827 24	4353 35	419 39	3021 35	.	2703 13
TX92V2519	16	4743 12	2273 34	4365 34	525 34	2976 37	.	1029 33
TX93V5922	14	4452 28	3717 6	4214 36	549 30	3233 23	7 36	1802 25
KHARKOF	1	3118 39	1968 39	3410 39	540 31	2259 39	1015 6	2515 17
MEAN		4583	2989	4926	687	3296	445	2098
LSD(.05)		593	1024	432	278	534	491	1094
C.V.		7.9	21.0	5.4	24.8	12.0	67.9	31.9

* Not included in regional means.

Table 2. Continued.

C.I. OR SEL. NO.	ENTRY: NO.	HUTCHINSON KANSAS	HAYS KANSAS	MANHATTAN KANSAS	COLBY KANSAS	WICHITA KANSAS	WINFIELD KANSAS	HUGOTON (IRR.) KANSAS	KANSAS STATE MEAN
WX92-0408	32	3921 7	3720 1	5572 1	3309 2	4398 5	3445 2	5939 12	4329 1
NE90476	27	4314 1	3258 5	4569 28	3089 3	4560 3	3933 1	5917 14	4234 2
TAM-107	3	3769 14	3040 9	4695 20	2647 15	3966 13	3231 7	5731 21	3868 11
CO910424	18	3895 8	3018 10	4661 23	3315 1	4624 1	3036 11	6077 9	4090 3
HBI0531-A2	12	3593 19	2443 25	5492 3	2573 19	4198 8	2756 26	6157 7	3888 9
T834	35	4149 3	3310 3	4678 21	3004 5	3964 14	3261 6	4863 33	3890 8
KS94093512552	24	3861 10	2546 23	5510 2	2865 7	4426 4	2699 27	6406 5	4045 4
NE92458	28	3935 6	3201 6	5079 10	2556 20	3656 26	3004 12	5914 16	3906 7
T812	36	3787 13	2960 12	4662 22	2825 9	4280 6	2912 18	5563 27	3856 12
TX92V3108	11	4037 4	2274 30	5209 5	2443 23	4242 7	2579 31	6103 8	3841 13
TX91D6991	10	3393 27	2226 32	5096 8	2412 25	4156 9	2572 32	6650 2	3787 18
T702	34	3802 12	2392 27	4845 17	2757 11	3540 27	2910 19	5855 17	3729 20
KS93U206	4	3600 17	3093 8	4870 16	2930 6	4115 10	2798 21	5954 11	3909 6
NE93427	31	3891 9	2412 26	5427 4	2340 28	4108 11	2963 15	5993 10	3876 10
NE92646	29	4021 5	2978 11	4565 29	2724 13	3719 25	3077 9	5585 26	3810 16
TX91D6913	9	3336 30	2623 22	5100 7	2757 11	3775 22	3443 3	5633 24	3809 17
NE93405	30	3694 15	2872 13	4878 15	2645 17	3750 23	2767 24	5814 18	3774 19
T861	37	3694 16	2711 20	4714 19	2647 16	3878 18	2633 29	5640 23	3703 21
KS941064-6	22	3566 20	2322 29	4787 18	2614 18	4097 12	2862 20	6530 3	3826 15
T89	38	3227 31	2733 19	4407 31	2432 24	3962 15	2506 33	5629 25	3557 25
TX93V5919	13	2794 38	1644 37	4270 32	1015 37	3785 21	2777 22	6763 1	3293 33
OK91P648	5	3139 32	1847 34	5057 11	1058 36	4615 2	2323 35	6462 4	3500 26
TXGH12588-105	17	3477 22	2060 33	4964 14	2356 27	3333 30	3142 8	5810 19	3592 23
CO910748	19	3477 23	2827 14	3472 36	2506 21	3820 19	3412 4	4334 35	3407 30
KS84W0639393M	26	4152 2	3320 2	4984 13	2827 8	3945 16	3288 5	5784 20	4043 5
OK93P735	6	3340 29	2266 31	4082 35	1914 33	3383 28	2999 13	5915 15	3414 29
KS941064-3	21	3851 11	2668 21	5140 6	2484 22	3724 24	2693 28	6230 6	3827 14
KS940935-72-1	23	3459 24	2744 17	4608 26	2302 29	2788 37	2766 25	5182 31	3407 31
Q1878	39	3364 28	2738 18	5082 9	2369 26	3913 17	2628 30	5369 30	3638 22
OK92403	8	2896 36	2367 28	4647 24	2172 31	3815 20	2345 34	5935 13	3454 28
W93-460	33	3556 21	2462 24	5045 12	2665 14	3336 29	2770 23	4438 34	3467 27
KS91H153-2	20	3457 25	2786 16	4492 30	2186 30	3226 33	2928 17	4235 36	3330 32
KS85W66311-6M	25	3599 18	2814 15	4591 27	2145 32	3318 31	2948 16	5693 22	3587 24
SCOUT66	2	3450 26	3270 4	2712 38	3024 4	3296 32	2980 14	2866 38	3085 35
OK93P634	7	2887 37	1818 36	4625 25	1417 34	3186 34	2318 36	5375 29	3090 34
TX93V4927	15	3091 35	1842 35	4174 33	995 38	2515 38	1939 37	3920 37	2639 37
TX92V2519	16	3116 34	1467 38	4091 34	1085 35	2850 36	1699 39	5422 28	2819 36
TX93V5922	14	2004 39	985 39	3237 37	220 39	2917 35	1851 38	5024 32	2320 39
KHARKOF	1	3118 33	3185 7	905 39	2789 10	2468 39	3066 10	2330 39	2551 38
MEAN		3531	2596	4590	2370	3735	2827	5514	3595
LSD (.05)		414	530	631	449	675	450	973	583
C.V.		7.2	12.5	8.4	11.6	8.9	9.7	12.6	11.5

Table 2. Continued.

C.I. OR SEL. NO.	: ENTRY: NO.	: SIDNEY* NEBRASKA	: HEMING- FORD NEBRASKA	: IMPERIAL (IRR.) NEBRASKA	: NEBRASKA STATE MEAN	: FORT COLLINS* COLORADO	: AKRON COLORADO	: BURLINGTON COLORADO	: COLORADO STATE MEAN
WX92-0408	32	3697 26	4231 9	5472 26	4852 17	3663 24	4685 23	2595 6	3640 11
NE90476	27	2955 36	3964 18	5696 19	4830 18	3968 17	5153 8	2579 7	3866 4
TAM-107	3	4857 4	3853 25	5447 27	4650 27	4803 2	4983 12	2561 8	3772 6
CO910424	18	4489 10	4203 10	5990 11	5096 10	4470 5	4749 19	2339 13	3544 14
HBI0531-A2	12	4339 13	4649 1	6922 1	5786 1	3979 16	5140 10	2153 18	3647 10
T834	35	5112 1	4403 4	6476 3	5439 2	3559 26	5320 3	2828 1	4074 2
KS94093512552	24	2962 35	4344 5	6221 7	5282 3	3498 27	4430 30	1861 27	3145 31
NE92458	28	3764 24	3858 24	5642 23	4750 23	2997 35	4857 14	2127 19	3492 16
T812	36	4694 6	3948 20	6075 9	5011 11	4181 11	4766 18	2824 2	3795 5
TX92V3108	11	3370 32	3591 32	6801 2	5196 5	3238 33	4668 25	2159 17	3414 20
TX91D6991	10	4213 17	4635 2	5665 22	5150 7	4355 7	5161 7	2114 20	3637 12
T702	34	4909 2	4038 16	6366 5	5202 4	4288 8	4705 21	2796 3	3751 7
KS93U206	4	4646 7	3770 27	5849 15	4809 20	3838 21	4614 26	2472 10	3543 15
NE93427	31	3813 22	4451 3	5315 29	4883 15	3747 23	4349 32	2165 16	3257 26
NE92646	29	4567 9	4315 6	5938 12	5127 8	4221 10	6008 1	2447 11	4228 1
TX91D6913	9	4409 11	4065 14	5239 30	4652 26	4261 9	5215 5	2215 14	3715 8
NE93405	30	3681 27	4311 7	5120 36	4715 24	3964 18	4567 28	2106 21	3336 23
T861	37	3621 28	3955 19	6420 4	5188 6	2642 37	4127 36	2684 4	3406 21
KS941064-6	22	2334 38	3824 26	5916 13	4870 16	2333 38	4399 31	1804 28	3102 33
T89	38	4267 16	3860 23	5207 32	4534 32	3597 25	4674 24	2633 5	3653 9
TX93V5919	13	4404 12	4300 8	5510 25	4905 14	4725 3	5180 6	1601 35	3391 22
OK91P648	5	3968 20	3015 39	6290 6	4653 25	4401 6	5141 9	2088 23	3614 13
TXGH12588-105	17	4604 8	3697 29	5158 34	4427 34	4030 14	4800 16	2094 22	3447 18
CO910748	19	4775 5	3657 31	5994 10	4826 19	4965 1	5428 2	2387 12	3908 3
KS84W0639393M	26	4300 14	4079 12	6129 8	5104 9	4100 13	4331 34	2022 24	3177 28
OK93P735	6	3773 23	3720 28	5797 17	4758 22	3852 19	5278 4	1051 39	3164 29
KS941064-3	21	2121 39	3922 22	5676 21	4799 21	2214 39	3866 37	1768 30	2817 38
KS940935-72-1	23	3023 34	4165 11	5849 15	5007 12	3297 30	3798 38	1950 26	2874 37
Q1878	39	3749 25	3498 33	5685 20	4591 30	3325 29	4806 15	1735 32	3270 25
OK92403	8	3619 29	3932 21	5230 31	4581 31	3269 31	4206 35	1997 25	3101 34
W93-460	33	4875 3	3977 17	5207 32	4592 29	4502 4	4712 20	1761 31	3236 27
KS91H153-2	20	4283 15	3179 35	5147 35	4163 36	3375 28	4784 17	2176 15	3480 17
KS85W66311-6M	25	2616 37	4054 15	5887 14	4970 13	3244 32	4963 13	1679 34	3321 24
SCOUT66	2	3816 21	4069 13	3943 38	4006 38	3004 34	4348 33	2526 9	3437 19
OK93P634	7	3424 30	3695 30	5582 24	4639 28	3819 22	4613 27	1401 37	3007 36
TX93V4927	15	4184 18	3128 38	5777 18	4453 33	4123 12	4698 22	1434 36	3066 35
TX92V2519	16	3985 19	3166 36	5349 28	4257 35	3851 20	4537 29	1786 29	3161 30
TX93V5922	14	3378 31	3402 34	4858 37	4130 37	4005 15	5040 11	1236 38	3138 32
KHARKOF	1	3257 33	3162 37	2782 39	2972 39	2949 36	3751 39	1693 33	2722 39
MEAN		3919	3900	5631	4766	3760	4740	2099	3419
LSD(.05)		992	534	773	N.S.	827	816	691	N.S.
C.V.		15.5	8.4	8.4	8.5	13.5	10.5	20.2	13.5

* Not included in state or regional means.

Table 2. Concluded.

C.I. OR SEL. NO.	: ENTRY: NO.	: STILLWATER OKLAHOMA	: LAHOMA OKLAHOMA	: GOODWELL OKLAHOMA	: OKLAHOMA STATE MEAN	: BOZEMAN* MONTANA	: REGIONAL AVERAGE	:
WX92-0408	32	2505 11	3899 2	5789 23	4064 4	5965 4	4016 1	
NE90476	27	2590 6	3676 5	5906 16	4057 5	5696 7	3909 2	
TAM-107	3	2629 4	3389 11	5903 17	3974 8	5064 25	3877 3	
CO910424	18	2376 19	2873 28	6651 2	3967 9	6174 2	3833 4	
HB10531-A2	12	1983 32	3284 13	6552 3	3940 10	6012 3	3824 5	
T834	35	2378 18	3675 6	5657 28	3903 14	5064 25	3816 6	
KS94093512552	24	2649 3	3244 14	6136 9	4010 6	5185 21	3792 7	
NE92458	28	2676 1	3770 4	5910 15	4118 3	5198 20	3786 8	
T812	36	2500 12	3230 15	6062 10	3931 12	5373 13	3785 9	
TX92V3108	11	2407 16	3508 8	5891 19	3935 11	5313 16	3782 10	
TX91D6991	10	2371 20	3059 21	6521 4	3984 7	5319 15	3773 11	
T702	34	2568 8	3805 3	6021 12	4132 2	5588 9	3762 12	
KS93U206	4	2292 21	3418 10	5819 21	3843 18	5131 24	3733 13	
NE93427	31	2480 14	3472 9	5647 31	3866 17	5219 19	3704 14	
NE92646	29	2287 22	3208 17	5998 13	3831 19	4761 31	3677 15	
TX91D6913	9	1980 33	2989 23	6026 11	3665 26	5784 6	3655 16	
NE93405	30	2559 9	2864 30	5412 33	3612 30	4472 39	3642 17	
T861	37	2663 2	3319 12	5062 37	3681 25	5225 18	3619 18	
KS941064-6	22	2495 13	2837 32	5737 24	3689 24	5393 12	3612 19	
T89	38	2387 17	3581 7	5656 29	3875 16	5017 28	3559 20	
TX93V5919	13	2163 28	4051 1	7168 1	4461 1	6274 1	3543 21	
OK91P648	5	2245 23	3088 20	6378 6	3904 13	5145 23	3526 22	
TXGH12588-105	17	2591 5	2973 24	5853 20	3806 20	4903 30	3507 23	
CO910748	19	1779 35	2929 26	6432 5	3713 21	5595 8	3503 24	
KS84W0639393M	26	2538 10	2756 35	5679 26	3658 27	4654 32	3479 25	
OK93P735	6	2577 7	2821 33	6300 8	3899 15	4573 37	3462 26	
KS941064-3	21	2435 15	3133 19	5203 36	3591 31	5434 11	3461 27	
KS940935-72-1	23	2240 24	2900 27	5358 34	3499 33	4627 34	3408 29	
G1878	39	2091 29	3149 18	5610 32	3617 29	5030 27	3408 28	
OK92403	8	2224 25	2932 25	5941 14	3699 23	4607 35	3373 30	
W93-460	33	1783 34	2446 39	5895 18	3374 35	5306 17	3317 31	
KS91H153-2	20	2208 27	3224 16	5683 25	3705 22	4963 29	3315 32	
KS85W66311-6M	25	2055 30	2814 34	5326 35	3398 34	4640 33	3288 33	
SCOUT66	2	2026 31	3011 22	4817 38	3285 38	4593 36	3207 34	
OK93P634	7	2217 26	2625 37	5667 27	3503 32	5454 10	3135 35	
TX93V4927	15	1679 37	2719 36	5650 30	3349 37	5172 22	3079 36	
TX92V2519	16	1747 36	2848 31	6324 7	3640 28	5340 14	3058 37	
TX93V5922	14	1433 39	2871 29	5810 22	3371 36	5891 5	3003 38	
KHARKOF	1	1483 38	2575 38	3508 39	2522 39	4499 38	2478 39	
MEAN		2264	3153	5820	3745	5222	3531	
LSD(.05)		306	537	558	628	.	308	
C.V.		8.3	10.4	5.9	7.9	.	12.9	

* Not included in regional means.

Table 3. Summary of mean yields (kg/ha) and ranks for 39 wheats in the 1996 Southern Regional Performance Nursery at 16 locations from which a CV of 15.0 or less and a significant F test for entries were obtained.

C.I. OR	:	:	:	BUSHLAND	:	:	:	:	:	:	:	:	:
ENTRY:	:	PROSPER	:	(IRR.)	:	FARMINGTON	:	STILLWATER	:	LAHOMA	:	GOODWELL	:
SEL. NO.	:	NO.	:	TEXAS	:	TEXAS	:	NEW MEXICO	:	OKLAHOMA	:	OKLAHOMA	:
WX92-0408	32	4589	21	5613	2	7339	1	2505	11	3899	2	5789	23
HB10531-A2	12	4690	14	5911	1	6853	6	1983	32	3284	13	6552	3
NE90476	27	4600	20	5192	14	5630	22	2590	6	3676	5	5906	16
CO910424	18	4060	37	5557	3	6931	4	2376	19	2873	28	6651	2
KS94093512552	24	4797	11	5250	10	6487	12	2649	3	3244	14	6136	9
TX91D6991	10	4887	8	5541	4	6939	3	2371	20	3059	21	6521	4
T702	34	5053	4	5230	11	7029	2	2568	8	3805	3	6021	12
T812	36	4853	10	5214	12	6857	5	2500	12	3230	15	6062	10
TX92V3108	11	4602	19	5405	6	6285	16	2407	16	3508	8	5891	19
T834	35	4651	15	5198	13	5066	37	2378	18	3675	6	5657	28
TAM-107	3	4555	23	5104	15	6503	11	2629	4	3389	11	5903	17
NE92458	28	4867	9	4580	30	5587	23	2676	1	3770	4	5910	15
NE92646	29	4387	31	5064	17	5128	34	2287	22	3208	17	5998	13
TX91D6913	9	5207	1	4914	24	6478	13	1980	33	2989	23	6026	11
KS93U206	4	4629	17	5084	16	5910	19	2292	21	3418	10	5819	21
NE93427	31	4219	36	4918	22	6437	14	2480	14	3472	9	5647	31
KS84W0639393M	26	4246	35	4600	29	5476	25	2538	10	2756	35	5679	26
OK91P648	5	5059	3	5317	9	6701	8	2245	23	3088	20	6378	6
TX93V5919	13	4963	6	5364	7	5789	21	2163	28	4051	1	7168	1
KS941064-6	22	5169	2	5358	8	4859	38	2495	13	2837	32	5737	24
OK93P735	6	4398	30	5497	5	6280	17	2577	7	2821	33	6300	8
CO910748	19	4544	25	4968	21	6774	7	1779	35	2929	26	6432	5
T861	37	4642	16	4421	33	5397	28	2663	2	3319	12	5062	37
NE93405	30	4452	28	4212	37	5899	20	2559	9	2864	30	5412	33
TXGH12588-105	17	4519	26	4685	27	6359	15	2591	5	2973	24	5853	20
KS941064-3	21	4932	7	4678	28	5079	36	2435	15	3133	19	5203	36
T89	38	4625	18	4914	24	5550	24	2387	17	3581	7	5656	29
G1878	39	4365	32	4916	23	5155	33	2091	29	3149	18	5610	32
KS85W66311-6M	25	4553	24	4539	31	5109	35	2055	30	2814	34	5326	35
OK92403	8	4252	34	4977	20	6510	10	2224	25	2932	25	5941	14
KS940935-72-1	23	4981	5	5019	18	5311	31	2240	24	2900	27	5358	34
KS91H153-2	20	4703	13	5017	19	5312	30	2208	27	3224	16	5683	25
W93-460	33	4331	33	4178	38	5405	27	1783	34	2446	39	5895	18
OK93P634	7	4004	38	4835	26	5327	29	2217	26	2625	37	5667	27
TX92V2519	16	4743	12	4365	34	5438	26	1747	36	2848	31	6324	7
SCOUT66	2	4557	22	4510	32	5207	32	2026	31	3011	22	4817	38
TX93V4927	15	4486	27	4353	35	6232	18	1679	37	2719	36	5650	30
TX93V5922	14	4452	28	4214	36	6628	9	1433	39	2871	29	5810	22
KHARKOF	1	3118	39	3410	39	3714	39	1483	38	2575	38	3508	39
MEAN		4583		4926		5922		2264		3153		5820	
LSD (.05)		593		432		1138		306		537		558	
C.V.		7.9		5.4		13.7		8.3		10.4		5.9	

Table 3. Continued.

C.I. OR SEL. NO.	: ENTRY: NO.	HUTCHINSON KANSAS	HAYS KANSAS	MANHATTAN KANSAS	COLBY KANSAS	WICHITA KANSAS	WINFIELD KANSAS
WX92-0408	32	3921 7	3720 1	5572 1	3309 2	4398 5	3445 2
HB10531-A2	12	3593 19	2443 25	5492 3	2573 19	4198 8	2756 26
NE90476	27	4314 1	3258 5	4569 28	3089 3	4560 3	3933 1
CO910424	18	3895 8	3018 10	4661 23	3315 1	4624 1	3036 11
KS94093512552	24	3861 10	2546 23	5510 2	2865 7	4426 4	2699 27
TX91D6991	10	3393 27	2226 32	5096 8	2412 25	4156 9	2572 32
T702	34	3802 12	2392 27	4845 17	2757 11	3540 27	2910 19
T812	36	3787 13	2960 12	4662 22	2825 9	4280 6	2912 18
TX92V3108	11	4037 4	2274 30	5209 5	2443 23	4242 7	2579 31
T834	35	4149 3	3310 3	4678 21	3004 5	3964 14	3261 6
TAM-107	3	3769 14	3040 9	4695 20	2647 15	3966 13	3231 7
NE92458	28	3935 6	3201 6	5079 10	2556 20	3656 26	3004 12
NE92646	29	4021 5	2978 11	4565 29	2724 13	3719 25	3077 9
TX91D6913	9	3336 30	2623 22	5100 7	2757 11	3775 22	3443 3
KS93U206	4	3600 17	3093 8	4870 16	2930 6	4115 10	2798 21
NE93427	31	3891 9	2412 26	5427 4	2340 28	4108 11	2963 15
KS84W0639393M	26	4152 2	3320 2	4984 13	2827 8	3945 16	3288 5
OK91P648	5	3139 32	1847 34	5057 11	1058 36	4615 2	2323 35
TX93V5919	13	2794 38	1644 37	4270 32	1015 37	3785 21	2777 22
KS941064-6	22	3566 20	2322 29	4787 18	2614 18	4097 12	2862 20
OK93P735	6	3340 29	2266 31	4082 35	1914 33	3383 28	2999 13
CO910748	19	3477 23	2827 14	3472 36	2506 21	3820 19	3412 4
T861	37	3694 16	2711 20	4714 19	2647 16	3878 18	2633 29
NE93405	30	3694 15	2872 13	4878 15	2645 17	3750 23	2767 24
TXGH12588-105	17	3477 22	2060 33	4964 14	2356 27	3333 30	3142 8
KS941064-3	21	3851 11	2668 21	5140 6	2484 22	3724 24	2693 28
T89	38	3227 31	2733 19	4407 31	2432 24	3962 15	2506 33
G1878	39	3364 28	2738 18	5082 9	2369 26	3913 17	2628 30
KS85W66311-6M	25	3599 18	2814 15	4591 27	2145 32	3318 31	2948 16
OK92403	8	2896 36	2367 28	4647 24	2172 31	3815 20	2345 34
KS940935-72-1	23	3459 24	2744 17	4608 26	2302 29	2788 37	2766 25
KS91H153-2	20	3457 25	2786 16	4492 30	2186 30	3226 33	2928 17
W93-460	33	3556 21	2462 24	5045 12	2665 14	3336 29	2770 23
OK93P634	7	2887 37	1818 36	4625 25	1417 34	3186 34	2318 36
TX92V2519	16	3116 34	1467 38	4091 34	1085 35	2850 36	1699 39
SCOUT66	2	3450 26	3270 4	2712 38	3024 4	3296 32	2980 14
TX93V4927	15	3091 35	1842 35	4174 33	995 38	2515 38	1939 37
TX93V5922	14	2004 39	985 39	3237 37	220 39	2917 35	1851 38
KHARKOF	1	3118 33	3185 7	905 39	2789 10	2468 39	3066 10
MEAN		3531	2596	4590	2370	3735	2827
LSD(.05)		414	530	631	449	675	450
C.V.		7.2	12.5	8.4	11.6	8.9	9.7

Table 3. Concluded.

C.I. OR SEL. NO.	: ENTRY: NO.	: HUGOTON (IRR.) KANSAS	: AKRON COLORADO	: IMPERIAL (IRR.) NEBRASKA	: HEMING- FORD NEBRASKA	: REGIONAL AVERAGE	:
WX92-0408	32	5939 12	4685 23	5472 26	4231 9	4652 1	
HBI0531-A2	12	6157 7	5140 10	6922 1	4649 1	4575 2	
NE90476	27	5917 14	5153 8	5696 19	3964 18	4503 3	
CO910424	18	6077 9	4749 19	5990 11	4203 10	4501 4	
KS94093512552	24	6406 5	4430 30	6221 7	4344 5	4492 5	
TX91D6991	10	6650 2	5161 7	5665 22	4635 2	4455 6	
T702	34	5855 17	4705 21	6366 5	4038 16	4432 7	
T812	36	5563 27	4766 18	6075 9	3948 20	4406 8	
TX92V3108	11	6103 8	4668 25	6801 2	3591 32	4378 10	
T834	35	4863 33	5320 3	6476 3	4403 4	4378 9	
TAM-107	3	5731 21	4983 12	5447 27	3853 25	4340 11	
NE92458	28	5914 16	4857 14	5642 23	3858 24	4318 12	
NE92646	29	5585 26	6008 1	5938 12	4315 6	4313 13	
TX91D6913	9	5633 24	5215 5	5239 30	4065 14	4299 14	
KS93U206	4	5954 11	4614 26	5849 15	3770 27	4297 15	
NE93427	31	5993 10	4349 32	5315 29	4451 3	4276 16	
KS84W0639393M	26	5784 20	4331 34	6129 8	4079 12	4258 17	
OK91P648	5	6462 4	5141 9	6290 6	3015 39	4234 18	
TX93V5919	13	6763 1	5180 6	5510 25	4300 8	4221 19	
KS941064-6	22	6530 3	4399 31	5916 13	3824 26	4211 20	
OK93P735	6	5915 15	5278 4	5797 17	3720 28	4160 21	
CO910748	19	4334 35	5428 2	5994 10	3657 31	4147 22	
T861	37	5640 23	4127 36	6420 4	3955 19	4120 23	
NE93405	30	5814 18	4567 28	5120 36	4311 7	4114 24	
TXGH12588-105	17	5810 19	4800 16	5158 34	3697 29	4111 25	
KS941064-3	21	6230 6	3866 37	5676 21	3922 22	4107 26	
T89	38	5629 25	4674 24	5207 32	3860 23	4085 27	
G1878	39	5369 30	4806 15	5685 20	3498 33	4046 28	
KS85W66311-6M	25	5693 22	4963 13	5887 14	4054 15	4026 29	
OK92403	8	5935 13	4206 35	5230 31	3932 21	4024 30	
KS940935-72-1	23	5182 31	3798 38	5849 15	4165 11	3967 31	
KS91H153-2	20	4235 36	4784 17	5147 35	3179 35	3910 32	
W93-460	33	4438 34	4712 20	5207 32	3977 17	3888 33	
OK93P634	7	5375 29	4613 27	5582 24	3695 30	3762 34	
TX92V2519	16	5422 28	4537 29	5349 28	3166 36	3640 35	
SCOUT66	2	2866 38	4348 33	3943 38	4069 13	3630 36	
TX93V4927	15	3920 37	4698 22	5777 18	3128 38	3575 37	
TX93V5922	14	5024 32	5040 11	4858 37	3402 34	3434 38	
KHARKOF	1	2330 39	3751 39	2782 39	3162 37	2835 39	
MEAN		5514	4740	5631	3900	4131	
LSD(.05)		973	816	773	534	351	
C.V.		12.6	10.5	8.4	8.4	10.6	

Table 4. Summary of mean yields (kg/ha) and ranks of 39 wheats grown in the 1996 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		11	2	4	2	3	22	
WX92-0408	32	4296 2	4451 2	4015 10	5785 2	1521 18	4016 1	
NE90476	27	4339 1	3870 10	4129 5	4797 21	1469 22	3909 2	
TAM-107	3	4152 3	4026 7	3910 13	5178 12	1858 1	3877 3	
CO910424	18	4060 7	3689 16	4098 7	5567 4	1589 11	3833 4	
HBI0531-A2	12	3971 15	3817 12	4197 3	5751 3	1505 20	3824 5	
T834	35	3997 14	3894 9	4407 1	4734 24	1698 6	3816 6	
KS94093512552	24	4124 4	3625 17	3844 15	5416 7	1533 17	3792 7	
NE92458	28	4087 6	4286 4	3796 18	4723 25	1713 4	3786 8	
T812	36	4007 12	3482 20	4122 6	5403 8	1644 8	3785 9	
TX92V3108	11	4059 8	3967 8	4018 9	4938 18	1561 13	3782 10	
TX91D6991	10	4012 11	3846 11	3838 16	5787 1	1416 25	3773 11	
T702	34	4045 10	2949 28	4156 4	5534 5	1557 14	3762 12	
KS93U206	4	4049 9	3712 14	3966 12	4840 20	1540 16	3733 13	
NE93427	31	3935 17	4339 3	3542 28	5444 6	1492 21	3704 14	
NE92646	29	3880 19	3325 23	4279 2	4722 26	1665 7	3677 15	
TX91D6913	9	3821 24	4121 5	3857 14	5272 9	1385 27	3655 16	
NE93405	30	3760 26	4459 1	3610 24	5105 13	1731 3	3642 17	
T861	37	3841 23	3444 21	3970 11	4676 30	1750 2	3619 18	
KS941064-6	22	4005 13	4054 6	3683 20	4342 35	1296 31	3612 19	
T89	38	3923 18	2961 27	3737 19	4705 27	1618 9	3559 20	
TX93V5919	13	4114 5	2289 38	3327 34	5044 14	1573 12	3543 21	
OK91P648	5	3961 16	2591 30	3644 23	4858 19	1507 19	3526 22	
TXGH12588-105	17	3744 27	3549 18	3602 25	5028 15	1468 23	3507 23	
CO910748	19	3760 25	2576 31	4079 8	5216 11	1272 33	3503 24	
KS84W0639393M	26	3846 22	3167 25	3827 17	4777 22	1014 38	3479 25	
OK93P735	6	3879 20	2315 37	3510 29	5000 17	1607 10	3462 26	
KS941064-3	21	3856 21	3765 13	3449 32	4500 34	1132 37	3461 27	
KS940935-72-1	23	3663 30	3708 15	3475 30	4738 23	1296 32	3408 29	
GI878	39	3705 28	3532 19	3649 22	4327 36	1307 30	3408 28	
OK92403	8	3670 29	2576 32	3401 33	5221 10	1545 15	3373 30	
W93-460	33	3523 33	3232 24	3586 26	4691 28	1345 28	3317 31	
KS91H153-2	20	3632 32	2983 26	3573 27	4245 38	1408 26	3315 32	
KS85W66311-6M	25	3650 31	2354 36	3668 21	4581 32	1214 35	3288 33	
SCOUT66	2	3363 35	2660 29	3460 31	4638 31	1708 5	3207 34	
OK93P634	7	3469 34	2565 33	3253 35	4511 33	1220 34	3135 35	
TX93V4927	15	3184 38	3439 22	3226 36	4680 29	1191 36	3079 36	
TX92V2519	16	3350 36	2560 34	3189 37	4302 37	1316 29	3058 37	
TX93V5922	14	3207 37	2520 35	2838 38	5015 16	1455 24	3003 38	
KHARKOF	1	2748 39	1710 39	2754 39	3438 39	993 39	2478 39	
MEAN		3812	3344	3710	4911	1464	3531	
LSD (.05)		396	N.S.	750	1125	375	308	
C.V.		10.7	16.4	11.5	13.1	28.3	12.9	

Table 5. Summary of mean yields (kg/ha) and ranks for 23 wheats grown in the Southern Regional Performance Nursery at 20 sites in 1995 and 1996 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	32	4194 6	5690 4	676 18	3520 5	
Pro 812/Caldwell//TX86D1310	TX91D6913	9	4646 2	5383 13	1263 1	3764 1	
WVE047 2180/2157 HGE013	HBI0531-A2	12	4274 4	6121 1	732 14	3709 3	
TX86D1310/Kavkaz//TX86D1308	TX91D6991	10	4212 5	5640 5	705 15	3519 6	
2555 sib/Vona//2180	OK91P648	5	4781 1	5696 3	693 17	3723 2	
Coker 68-15/TAM-107	T702	34	4015 14	5608 7	1209 2	3611 4	
OK83201/Redland	NE92458	28	4148 8	5044 17	809 7	3334 15	
TAM-107/T213 sib	T812	36	4286 3	5482 9	556 23	3441 9	
T213 sib 2/TAM-107	T834	35	3741 20	5708 2	806 8	3419 12	
TAM-200/Karl	TX92V3108	11	3864 17	5606 8	574 22	3348 14	
Bennett/Brule Composite	NE90476	27	3952 15	5378 14	755 12	3362 13	
HBV250A/HGF004	OK93P735	6	4038 12	5610 6	848 6	3499 7	
NE82413/Colt	NE92646	29	3252 22	5259 15	733 13	3081 21	
TAM-107 3/TA2460	KS93U206	4	4181 7	5419 11	701 16	3433 10	
TX85V1830/TX84V1307	TX93V5919	13	4027 13	5437 10	974 4	3479 8	
TAM-107/Caldwell	T861	37	4143 9	4620 22	606 21	3123 19	
TAM-107	TAM-107	3	3918 16	5065 16	794 10	3259 17	
HF5761/TAM-105//Bounty Hybrid 203	KS91H153-2	20	4089 11	5404 12	806 8	3433 11	
TX85V1830/TX84V1307	TX93V5922	14	3840 18	4970 18	630 19	3147 18	
TX87V1913/TAM-200	TX93V4927	15	4124 10	4946 19	783 11	3284 16	
OK82377/TX81V6603-2	TX92V2519	16	3806 19	4934 20	620 20	3120 20	
SCOUT 66	SCOUT66	2	3500 21	4792 21	907 5	3066 22	
KHARKOF	KHARKOF	1	2172 23	3399 23	1021 3	2198 23	
MEAN			3965	5270	791	3342	
LSD (.05)			734	602	N.S.	624	
C.V.			7.8	7.0	24.0	8.9	

Table 5. Continued.

C.I. OR	:	:	:	:	:	:	:	:	:	:	:	:
SEL. NO.	ENTRY NO.	STILLWATER OKLAHOMA	LAHOMA OKLAHOMA	GOODWELL OKLAHOMA	OKLAHOMA STATE MEAN	FORT COLLINS* COLORADO	AKRON COLORADO	BURLINGTON COLORADO	COLORADO STATE MEAN	:	:	:
WX92-0408	32	2429 4	3467 1	4365 12	3420 3	4997 6	5193 7	4269 1	4731 2	:	:	:
TX91D6913	9	2672 3	2856 8	4906 3	3478 2	5558 2	5553 3	3995 3	4774 1	:	:	:
HB10531-A2	12	1932 15	2932 6	5068 1	3310 7	4819 7	5065 13	4166 2	4616 7	:	:	:
TX91D6991	10	2367 5	2717 13	4950 2	3345 5	4584 10	5518 4	3741 9	4630 6	:	:	:
OK91P648	5	2677 2	3291 2	4794 5	3587 1	5091 5	5675 2	3637 10	4656 4	:	:	:
T702	34	2043 11	2732 12	4179 15	2985 14	5196 4	5156 8	3966 5	4561 8	:	:	:
NE92458	28	2248 6	3078 3	4259 14	3195 8	4223 17	5134 9	3618 12	4376 11	:	:	:
T812	36	1936 14	2686 14	4454 11	3025 12	4484 11	5074 12	3994 4	4534 9	:	:	:
T834	35	2113 9	2536 18	4307 13	2986 13	4229 16	5350 5	3959 6	4655 5	:	:	:
TX92V3108	11	1801 17	2813 9	4467 10	3027 11	3916 20	4714 15	3431 16	4072 16	:	:	:
NE90476	27	2045 10	2859 7	4514 8	3140 9	4445 13	4976 14	3208 19	4092 15	:	:	:
OK93P735	6	2786 1	2741 11	4611 6	3379 4	4731 8	5089 11	3323 18	4206 13	:	:	:
NE92646	29	1877 16	2360 20	4521 7	2920 16	5347 3	5887 1	3567 15	4727 3	:	:	:
KS93U206	4	2204 7	2990 5	4055 17	3083 10	4048 18	4473 18	3759 8	4116 14	:	:	:
TX93V5919	13	2022 13	3059 4	4890 4	3324 6	5644 1	5324 6	3577 14	4450 10	:	:	:
T861	37	2041 12	2799 10	3556 21	2798 18	3119 23	3770 21	3847 7	3809 19	:	:	:
TAM-107	3	1758 18	2269 21	4022 20	2683 21	4637 9	4476 17	3420 17	3948 18	:	:	:
KS91H153-2	20	2158 8	2638 16	4039 19	2945 15	3423 22	4235 20	3180 20	3708 21	:	:	:
TX93V5922	14	1488 21	2676 15	4131 16	2765 19	4479 12	5093 10	3584 13	4338 12	:	:	:
TX93V4927	15	1641 19	2537 17	4044 18	2741 20	4356 14	4509 16	2997 21	3753 20	:	:	:
TX92V2519	16	1509 20	2463 19	4488 9	2820 17	4236 15	4353 19	3631 11	3992 17	:	:	:
SCOUT66	2	1462 22	2013 22	3429 22	2302 22	3570 21	3105 22	2528 22	2816 22	:	:	:
KHARKOF	1	952 23	1517 23	2460 23	1643 23	4043 19	3081 23	1971 23	2526 23	:	:	:
MEAN		2007	2697	4283	2996	4486	4816	3544	4180			
LSD (.05)		N.S.	N.S.	758	760	1208	1244	N.S.	N.S.			
C.V.		10.7	11.1	8.4	9.9	10.2	12.1	17.5	14.4			

* Not included in state or regional means.

Table 5. Continued.

C.I. OR SEL. NO.	: : NO.	: CLOVIS : (IRR.)	: CLOVIS : (DRYL.)*	: FARMINGTON	: NEW MEXICO	: SIDNEY*	: HEMING- : FORD	: PIERRE	: S. DAKOTA
WX92-0408	32	1757 16	949 10	7400 3	4579 6	4999 8	4950 3	4043 1	
TX91D6913	9	2355 1	906 14	7215 6	4785 1	5356 3	4905 5	3485 2	
HBI0531-A2	12	2182 3	950 9	6778 7	4480 7	4989 10	4691 9	3015 12	
TX91D6991	10	1851 10	791 20	7371 4	4611 5	5350 4	5164 1	3319 5	
OK91P648	5	1826 11	970 8	7605 1	4716 4	4994 9	4126 19	1919 19	
T702	34	1914 8	990 5	7594 2	4754 2	5531 1	4841 7	2492 16	
NE92458	28	2054 6	838 17	6304 10	4179 10	4905 11	4715 8	3321 4	
T812	36	1635 21	1069 3	6254 11	3945 12	5334 5	4663 12	3024 11	
T834	35	1786 13	824 19	5517 17	3652 17	5400 2	4897 6	3033 10	
TX92V3108	11	1681 19	896 15	5929 14	3805 15	4392 19	4423 16	3130 8	
NE90476	27	1777 14	834 18	5253 20	3515 19	3756 21	4683 10	2851 13	
OK93P735	6	1953 7	979 7	6684 9	4318 9	4854 12	4505 14	2012 18	
NE92646	29	1855 9	1092 2	5922 15	3888 14	5181 7	4950 4	3118 9	
KS93U206	4	1411 22	853 16	5388 19	3399 20	4632 17	4666 11	3134 7	
TX93V5919	13	2238 2	929 11	6689 8	4464 8	5281 6	5119 2	1159 23	
T861	37	1706 17	925 12	5493 18	3599 18	4644 16	4476 15	3477 3	
TAM-107	3	1803 12	987 6	5604 16	3704 16	4772 13	4509 13	3211 6	
KS91H153-2	20	1654 20	1042 4	4951 21	3303 21	4444 18	4043 20	2512 15	
TX93V5922	14	2108 5	908 13	7357 5	4732 3	4722 14	4339 17	1363 22	
TX93V4927	15	2117 4	770 21	5997 13	4057 11	3969 20	3741 22	2767 14	
TX92V2519	16	1771 15	750 22	6075 12	3923 13	4705 15	4177 18	1877 20	
SCOUT66	2	1687 18	1216 1	4719 22	3203 22	3598 22	3809 21	1825 21	
KHARKOF	1	1206 23	741 23	4037 23	2622 23	2801 23	3056 23	2050 17	
<hr/>									
MEAN		1840	922	6180	4010	4722	4498	2702	
LSD (.05)		N.S.	N.S.	1624	N.S.	N.S.	999	N.S.	
C.V.		28.0	33.1	13.5	16.8	13.7	12.4	23.7	

* Not included in state or regional means.

Table 5. Concluded.

C.I. OR SEL. NO.	: ENTRY: NO.	: HUTCHINSON KANSAS	: HAYS KANSAS	: MANHATTAN KANSAS	: COLBY KANSAS	: KANSAS STATE MEAN	: COLUMBIA* MISSOURI	: REGIONAL AVERAGE
WX92-0408	32	3035 2	3595 1	3845 1	3621 2	3524 1	2144 3	3908 1
TX91D6913	9	2133 16	2940 4	3042 9	3818 1	2983 3	1768 7	3823 2
HBI0531-A2	12	2853 5	2643 9	3730 2	3463 4	3172 2	1349 18	3728 3
TX91D6991	10	2384 11	2503 12	3422 3	3137 9	2862 10	1691 8	3688 4
OK91P648	5	2439 8	2488 14	3414 5	2415 19	2689 13	1881 5	3592 5
T702	34	2422 9	2434 15	3018 11	3390 5	2816 12	1453 14	3563 6
NE92458	28	2384 12	3006 3	3153 7	2934 12	2869 9	1353 17	3513 7
T812	36	2866 4	2712 7	3037 10	3248 7	2966 4	1573 10	3494 8
T834	35	2409 10	3011 2	2749 14	3549 3	2929 7	1805 6	3467 9
TX92V3108	11	2903 3	2278 18	3323 6	3214 8	2930 6	1419 15	3384 10
NE90476	27	2588 7	2922 5	2786 13	3373 6	2918 8	1575 9	3370 11
OK93P735	6	2079 18	2292 17	2599 16	2668 15	2409 17	1552 11	3365 13
NE92646	29	2294 14	2732 6	2579 17	2942 10	2637 14	1417 16	3365 12
KS93U206	4	2663 6	2654 8	3136 8	2938 11	2848 11	1275 20	3361 14
TX93V5919	13	1889 21	2069 21	2511 18	2408 20	2219 19	1348 19	3337 15
T861	37	3037 1	2494 13	3421 4	2896 13	2962 5	2015 4	3274 16
TAM-107	3	2313 13	2381 16	2804 12	2760 14	2564 15	1547 12	3194 17
KS91H153-2	20	2171 15	2510 11	2642 15	2644 16	2492 16	1112 23	3105 18
TX93V5922	14	1889 20	1609 23	2281 21	1937 23	1929 22	1124 22	3081 19
TX93V4927	15	2060 19	2099 20	2504 20	2268 21	2233 18	.	3071 20
TX92V2519	16	2084 17	1850 22	2510 19	2219 22	2166 20	.	3023 21
SCOUT66	2	1806 22	2522 10	1506 22	2539 18	2093 21	1501 13	2634 22
KHARKOF	1	1644 23	2271 19	571 23	2542 17	1757 23	1201 21	2122 23
MEAN		2363	2522	2808	2910	2651	2135	3325
LSD(.05)		N.S.	N.S.	1126	N.S.	N.S.	.	661
C.V.		12.2	10.9	11.9	11.1	11.5	.	13.9

* Not included in state or regional means.

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 39 entries in the 1996 Southern Regional Performance Nursery grown at 22 locations.

C.I. OR SEL. NO.	: ENTRY: NO.	: REGIONAL AVERAGE KG/HA	: REGRESSION COEFFICIENT (b)	: COEFFICIENT OF DETERMINATION: (r ²)	: DEVIATIONS FROM REGRESSION (MEAN SQUARE)
WX92-0408	32	4016	1.00	0.92	216336
NE90476	27	3909	0.91	0.93	144701
TAM-107	3	3877	0.90	0.94	115835
CO910424	18	3833	1.07	0.94	183144
HBI0531-A2	12	3824	1.24	0.97	126406
T834	35	3816	0.87	0.91	185562
KS94093512552	24	3792	1.13	0.97	100792
NE92458	28	3786	0.91	0.94	129526
T812	36	3785	1.03	0.97	73570
TX92V3108	11	3782	1.09	0.96	122788
TX91D6991	10	3773	1.19	0.97	100745
T702	34	3762	1.11	0.95	161172
KS93U206	4	3733	0.96	0.97	61223
NE93427	31	3704	0.99	0.94	158851
NE92646	29	3677	0.97	0.93	173261
TX91D6913	9	3655	1.04	0.93	180081
NE93405	30	3642	0.85	0.89	223897
T861	37	3619	0.87	0.93	128472
KS941064-6	22	3612	1.01	0.91	244537
T89	38	3559	0.92	0.95	113018
TX93V5919	13	3543	1.22	0.88	507206
OK91P648	5	3526	1.28	0.91	372788
TXGH12588-105	17	3507	1.01	0.97	75654
CO910748	19	3503	1.05	0.91	274482
KS84W0639393M	26	3479	1.04	0.91	241047
OK93P735	6	3462	1.15	0.93	235429
KS941064-3	21	3461	0.98	0.93	184184
KS940935-72-1	23	3408	0.94	0.93	154330
G1878	39	3408	1.00	0.97	64943
OK92403	8	3373	1.09	0.94	195577
W93-460	33	3317	0.95	0.93	164218
KS91H153-2	20	3315	0.91	0.93	146431
KS85W66311-6M	25	3288	1.06	0.92	240466
SCOUT66	2	3207	0.59	0.69	382080
OK93P634	7	3135	1.09	0.95	158378
TX93V4927	15	3079	1.03	0.90	289819
TX92V2519	16	3058	1.10	0.94	184312
TX93V5922	14	3003	1.08	0.84	545796
KHARKOF	1	2478	0.39	0.39	572449

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 23 entries in the 1995 and 1996 Southern Regional Performance Nursery grown at 16 locations.

	:	:	:	:	COEFFICIENT :	DEVIATIONS :
	:	:	REGIONAL :	REGRESSION :	OF :	FROM :
C.I. OR	ENTRY:	AVERAGE	COEFFICIENT	DETERMINATION:	REGRESSION	:
SEL. NO.	NO. :	KG/HA	(b)	(r ²)	(MEAN SQUARE)	:
WX92-0408	32	3908	1.04	0.92	247324	
TX91D6913	9	3823	1.05	0.90	314401	
HBI0531-A2	12	3728	1.07	0.94	186651	
TX91D6991	10	3688	1.14	0.97	115490	
OK91P648	5	3592	1.16	0.86	611115	
T702	34	3563	1.15	0.94	214499	
NE92458	28	3513	1.00	0.95	144697	
T812	36	3494	1.03	0.96	121452	
T834	35	3467	1.00	0.92	238663	
TX92V3108	11	3384	1.00	0.95	131493	
NE90476	27	3370	0.91	0.91	234563	
OK93P735	6	3365	1.10	0.92	270617	
NE92646	29	3365	1.07	0.92	259419	
KS93U206	4	3361	0.92	0.92	190454	
TX93V5919	13	3337	1.19	0.90	427048	
T861	37	3274	0.82	0.85	307697	
TAM-107	3	3194	0.95	0.88	324463	
KS91H153-2	20	3105	0.90	0.92	177968	
TX93V5922	14	3081	1.14	0.83	692195	
TX93V4927	15	3071	0.95	0.93	198707	
TX92V2519	16	3023	1.07	0.95	161005	
SCOUT66	2	2634	0.74	0.69	662841	
KHARKOF	1	2122	0.57	0.62	545313	