Table 2. Summary of mean yields (kg/ha) of 45 wheats grown in the 1991 Southern Regional Performance Nursery at 29 locations with state means and ranks.

VARIETY OR	C.I. OR	ENTRY	LINCOLN	: CLAY : CENTER :	NORTH :	SIDNEY	: NEBRASKA
PEDIGREE	: SEL. NO.	<u>: NO. :</u>	NEBRASKA	: NEBRASKA :	NEBRASKA :	NEBRASKA	: STATE MEAN
Bulk Selection	KSSB-369-7	24	2726 6	2562 10	924 15	2337 33	2137 11
Bulk Selection	WI88-083	39	2374 11	3076 2	857 16	3815 1	2531 1
Quantum Hybrid Wheat	XH1231	36	1946 31	2234 18	596 25	3206 15	1995 22
AM-200//TX38949-2/TAM-107	TX89V4138	15	1818 35	2057 22	777 21	2190 38	1710 32
AM-108/Lancota	T21-3	43	1145 43	3078 1	1100 10	3259 11	2146 10
AM-108/TX78V2154	T19-3	41	2363 12	2896 5	1153 8	3572 3	2496 3.
uantum Hybrid Wheat	XH900	35	2125 17	2276 15	466 32	2714 26	1895 25
lorkan/TAM-108	KS88H12-2	29	2089 21	1775 33	1175 6	3211 14	2062 16
162 sib/W6430C//W9519A	HBC197F	26	2053 22	2256 17	800 19	3231 13	2085 15
ulk Selection	KSSB-192-3	25	3549 1	2115 21	312 40	2719 25	2174 8
uantum Hybrid Wheat	XH1514	38	2020 25	2327 13	486 31	3407 6	2060 17
AM-107	PI 495594	3	2999 2	1781 31	1112 9	2512 29	2101 13
X78V2154/Siouxland	TX88V4635	12	1293 41	1825 29	327 38	2751 24	1549 37
E68513/NE684457//Ctk/3/Brule	NE87615	30	1993 28	1950 26	1255 5	3269 10	2117 12
S14/NS25//2*Vona	C0850061	21	2107 20	2134 19	305 41	2404 32	1738 31
	TX88V5433	16	2542 7	2960 3	1643 1	2939 19	
arl Resel.	TH901	44					
RW Hybrid	TX88V5440		2345 13 2123 18		974 13 959 14	3273 9 2577 28	2260 6 2028 19
arl Resel.		11					
uantum Hybrid Wheat	XH1322	37	2387 10		531 27	2712 27	2055 18
rkan/Colt//Chisholm sib	NE88595	33	1970 30	2049 23	1323 3	3249 12	2148 9
orkan/TAM-108	KS88H12-1	28	1926 32	1750 35	995 11	3679 2	2087 14
RW Hybrid	TH902	<u>4</u> 5	2009 26	2617 8	1154 7	3073 16	2213 7
29-76/T105//Cam	OK88767	7	2742 5	1970 25	502 30	2197 36	1853 27
sm*3/3/Newton/Largo//2*Csm	OK88W833	8	2517 8	1840 28	333 37	1581 43	1568 36
E78696/Payne	TX88V4524	14	2981 3	2290 14	527 29	2181 39	1995 23
15A13333/3/5*Led/Egl//Sage/4/TAM-105	KS87H6	27	1867 33	1798 30	792 20	3441 5	1975 24
X78V2154/Siouxland	TX88V4636	9	1394 40	993 42	545 26	2813 21	1436 40
E68513/NE68457//Ctk78/3/Brule	NE87451	32	2396 9	1776 32	808 18	2424 31	1851 28
AM-105/3/NE70654/BBY/Bow's'	TX87V1613	13	2262 14	1573 37	188 43	1997 40	1505 38
ona/TX71D4889-V3	TX84V1418HF	10	2112 19	2778 6	436 33	2763 23	2022 20
wt/2/Wrr*5/Agent/4/T-105/3/Led//Egl/Sag	NE87409	31	1858 34	1544 38	1634 2	2969 18	2001 21
AM-101/OK79286//Csm	OK87630	6	2744 4	1610 36	149 44	1889 41	1598 35
165/Vona	T67	42	2174 16	2917 4	753 22	3524 4	2342 4
S2630/Thunderbird	WI88-024	40	1663 36	1768 34	6 3 3 24	2995 17	1765 29
entury sib/Csm	0K87542	5	2053 22	2125 20	374 34	2264 35	1704 33
ennett/TAM-107	NE88427	34	2029 24	26 4 2 7	982 12	3405 7	2264 5
X73165/Sandy	C0860086	22	1163 42	1063 41	529 28	2783 22	1385 41
hunderbird//Payne/Collin	TX86D1310	17	1997 27	2263 16	824 17	2492 30	1894 26
E76667/Hawk	C0860094	23	1551 39	955 44	87 45	3286 8	1470 39
AM-106/Collin	TX86D1332	18	1979 29	2042 24	660 23	2326 34	1752 30
sm*3/3/Ntn/Largo//Csm	0K87W663	4	2262 14	1148 40	325 39	1348 45	1271 42
\$14/N\$603//Newton/3/PB835	C0850034	20	1587 38	1160 39	342 35	1499 44	1147 43
cout 66	CI13996	2	650 45	1927 27	1293 4	2845 20	1679 34
X82D4651//Amigo/TX71A106-5	TX88D3424	19	1614 37	972 43	239 42	1614 42	1110 44
harkof	CI1442	1	910 44	824 45	334 36	2193 37	1065 45
	MEAN		2054	2026	723	2732	1884
	LSD(.05)		685	614	480	724	655
	C.V.		20.5	18.7	40.9	16.3	20.7

Table 2. Continued.

C.I. OR SEL. NO.	ENTRY:	HUTCHINSON KANSAS	HAYS KANSAS	: MANHATTAN : KANSAS	COLBY :	GARDEN CITY KANSAS	: KANSAS : STATE MEAN	BROOKINGS S. DAKOTA	: CRAWFORD- : SVILLE * : IOWA
KSSB-369-7	24	3945 1	2605 20	3702 5	4598 3	3791 32	3728 4	3173 35	
W188-083	39	3433 8	2542 27	4196 1	4268 21	4553 5	3798 1	4065 5	2219 22
XH1231	36	2886 18	3044 2	3805 3	4093 23	4882 1	3742 2	3702 11	3080 9
TX89V4138	15	2871 19	2791 12	3326 14	4562 5	4102 20	3530 6	2726 39	: :
T21-3	43	1570 38	2582 22	2997 25	4483 8	4463 11	3219 22	4175 2	3558 4
T19-3	41	2566 25	3020 3	2925 29	4479 9	4235 19	3445 12	3861 9	3578 3
XH900	35	2980 13	2981 7 2529 28	3573 7 2642 35	4468 10	4651 3 4344 16	3731 3	3460 22	2952 10
KS88H12-2	29	1938 33 3214 11	2329 28 2390 34	2642 35 3397 11	4326 15 4118 22	4344 16 4432 12	3156 31 3510 7	3420 23 3657 13	• •
HBC197F KSSB-192-3	26 25	2824 20	2632 18	3979 11 3979 2	4118 22 4017 29	3842 30	3510 7 3459 10	3657 13 1727 44	• •
KSSB-192-S XH1514	25 38	1883 34	3008 4	3979 2 3154 18	3932 32	4326 17	3459 TO 3261 20	3413 25	2508 17
AN 1514 PI495594	3	1978 31	3098 1	2919 30	4037 27	3625 36	3131 34	2573 40	2455 18
TX88V4635	12	2351 28	2336 37	2058 40	4604 2	4546 7	3179 27	3360 27	2400 10
NE87615	30	1730 35	2930 8	2900 31	4546 6	4533 8	3328 19	4119 3	2421 19
C0850061	21	2115 29	2984 6	3382 12	4275 18	4551 6	3461 8	2230 41	L7L1 10
TX88V5433	16	3557 4	2381 35	2874 33	4569 4	3632 35	3402 15	3514 20	3178 7
TH901	44	2965 15	2511 29	3517 9	4270 19	4035 23	3460 9	3306 30	3917 2
TX88V5440	11	3569 3	2304 39	3296 15	4504 7	3378 42	3410 14	3596 17	3161 8
XH1322	37	3473 6	2473 30	3717 4	3629 38	3954 26	3449 11	3263 33	2646 16
NE88595	33	1265 42	3002 5	2375 38	4461 11	4741 2	3169 28	3642 14	2818 12
KS88H12-1	28	1963 32	2562 25	2997 26	4329 13	4403 13	3251 21	3520 19	3245 6
TH902	45	2632 24	2842 10	3351 13	4082 25	3927 27	3367 16	3341 28	2875 11
OK88767	7	2890 17	2582 23	3694 6	4057 26	3584 38	3362 18	3611 16	•
OK88W833	8	2471 27	2768 13	3521 8	3614 40	3616 37	3198 25	3341 29	
TX88V4524	14	2969 14	2206 41	2888 32	4019 28	3750 33	3166 29	2921 37	: :.
KS87H6	27	3102 12	2547 26	3097 20	4338 12	4098 21	3436 13	4091 4	2707 14
TX88V4636	9	1709 37	2659 15	2381 37	4618 1	4403 13	3154 32	3361 26	3363 5
NE87451	32	2683 23 2931 16	2587 21 1858 45	2754 34 2968 28	4270 19 3791 33	4528 9 3909 29	3365 17 3092 38	3977 6 3298 31	3363 5
TX87V1613	13 10	3339 10		2968 28 3063 22	3791 33 3497 41	3909 29 3495 39	3142 33	3615 15	2354 21
TX84V1418HF NE87409	31	1520 39	2809 11	2362 39	4302 17	4492 10	3097 36	3879 7	2656 15
OK87630	6	3547 5	2432 32	3146 19	3723 35	3239 45	3217 23	3672 12	4304 1
T67	42	3726 2	2636 17	3482 10	3983 30	3835 31	3533 5	3768 10	1007
WI88-024	40	2702 21	2360 36	3075 21	3625 39	4064 22	3165 30	3520 18	2811 13
OK87542	5	2698 22	2410 33	2998 24	3954 31	3916 28	3195 26	4213 1	
NE88427	34	1719 36	2847 9	2454 36	4089 24	4360 15	3094 37	3871 8	2357 20
C0860086	22	406 44	2629 19	1458 43	3692 36	4304 18	2498 44	3003 36	2085 24
TX86D1310	<u> 17</u>	3344 9	2239 40	3003 23	3634 37	3407 41	3125 35	3513 21	
C0860094	23	868 43		1232 44	4317 16	4580 4	2728 42	3216 34	1765 25
TX86D1332	18	3451 7	2206 41	3289 16	3410 42	3643 34	3200 24	. 3419 24	
OK87W663	4	2525 26		2978 2 7	3232 43	3266 44	2934 39	2782 38	
C0850034	20	1388 41	2448 31	3216 17	3062 44	4013 24	2825 41	2192 42	
CI13996	2	1978 30		1466 42	4329 13	3990 25	2866 40	3284 32	2118 23
TX88D3424	19	1519 40		2043 41	3788 34	3445 40	2557 43	1323 45	: :-
GI1442	1	372 45	1894 44	693 45 	2484 45 —————	3293 43	1747 45 	2044 43	1580 26
MEAN		2479	2574	2941	4055	4048	3320	3328	2797
LSD(.05)		578	276	483	292	492	671	598	•
C.V.		14.4	6.6	10.1	4.4	7.5	8.4	11.1	

^{*} Not included in regional averages.

Table 2. Continued.

C.I. OR SEL. NO.	: : : : : : : : : : : : : : : : : : :	CLOVIS (IRR.) NEW MEXICO	: CLOVIS : (DRYL.) : NEW MEXICO	: FARMINGTON : NEW MEXICO	: NEW MEXICO : STATE MEAN	STILLWATER OKLAHOMA	LAHOMA OKLAHOMA	GOODWELL OKLAHOMA	: OKLAHOMA : STATE MEAN :
KSSB-369-7	24	5611 4	213 1	5689 10	3838 4	3179 7	3434 1	6365 3	4326 1
WI88-083	39	4615 21	77 34	5454 18	3382 19	3396 4	2514 16	5905 16	3938 6
XH1231	36	5377 6	131 16	5279 21	3596 10	3056 15	2574 13	6396 2	4009 4
TX89V4138	15 .	4696 19	185 3	5630 1 4	3504 14	2848 20	3397 2	5518 27	3921 7
T21-3	43	6128 1	140 12	5059 28	3776 5	3635 2	2465 21	6215 6	4105 3
T19-3	<u>41</u>	5319 9	131 17	5205 23	3552 12	3081 14	2288 28	5673 23	3681 19
XH900	35	5851 2	154 9	5161 25	3722 6	2859 19	2737 8	6090 10	3895 8
KS88H12-2	29	4423 25	90 29	516 <u>1</u> 25	3225 26	3090 13	2070 37	6327 4	3829 9
HBC197F	26	4560 24	118 19	4487 36	3055 32	3768 1	2600 11	6317 5	4228 2
KSSB-192-3	25	5262 10	158 8	6305 2	3908 2	3178 8	2564 15	6179 8	3974 5
XH1514	38	5487 5	113 20	4487 36	3362 20	3151 10	2251 30	5748 21	3716 18
PI495594 TX88V4635	3	5782 3 4927 13	113 21 172 6	6627 1 4369 40	4174 1 3156 29	2273 39 2353 35	2957 3 2749 7	5787 19	3672 22
NE87615	12 30	4927 13 4816 14	172 6 131 15	4369 40 6085 3	3156 29 3677 8	2353 35 2707 24	2749 7 2463 22	6054 12 6038 14	3719 17
NE87013 C0850061	30 21	5336 8	109 22	6085 3	3843 3	2707 24 2060 42	2463 22 2208 32	5905 16	3736 14 3391 31
TX88V5433	16	4134 35	54 40	5484 17	3224 27	2739 23	2312 27	5678 22	3576 24
TH901	44	4568 23	90 27	5029 29	3229 25	3466 3	2610 10	4886 40	3654 23
TX88V5440	11	5353 7	81 32	5660 12	3698 7	2686 25	2597 12	5749 20	3677 21
XH1322	37	4371 27	95 26	5528 16	3331 23	3113 12	2789 6	5440 28	3781 13
NE88595	33	4378 26	154 10	5762 8	3431 17	2150 40	2187 34	6064 11	3467 27
KS88H12-1	28	3483 42	63 39	4868 31	2805 41	2666 26	2252 29	6472 1	3797 12
TH902	45	3091 45	77 34	5337 20	2835 40	3207 6	2797 5	5161 36	3722 16
OK88767	7	4359 28	45 43	5674 11	3360 21	3121 11	2424 23	5630 26	3725 15
OK88W833	8	5198 12	99 24	5733 9	3677 9	2447 33	2477 19	5667 25	3530 26
TX88V4524	14	4577 22	140 13	4560 34	3092 31	2955 17	2412 24	5669 24	3678 20
KS87H6	27	4305 30	90 29	5645 13	3347 22	3172 9	2502 17	5811 18	3828 10
TX88V4636	9	4246 32	172 5	4267 41	2895 38	2498 31	2798 4	6187 7	3828 11
NE87451	32	4206 33	163 7	5103 27	3157 28	2878 18	2099 36	5343 32	3440 29
TX87V1613	13	4767 15	190 2	5586 15	3515 13	2564 28	2734 9	5310 35	3536 25
TX84V1418HF	10	4185 34	50 42	4575 33	2937 36	2477 32	1948 39	4973 39	3133 40
NE87409	31	5244 11	104 23	4912 30	3420 18	2398 34	1819 42	5358 31	3192 39
OK87630	6	3803 39	54 40	5220 22	3026 34	2795 21	2500 18	5013 38	3436 30
T67	42	4099 36	90 27	4516 35	2902 37	3045 16	2566 14	3254 44	2955 42
WI88-024	· <u>4</u> 0	4757 16	99 24	5440 19	3432 16	2534 30	2248 31	5336 34	3373 33
OK87542 NE88427	5 34	3306 44 3974 37	45 43 181 4	4384 39 5821 7	2579 44	2575 27	2349 26 1908 40	5437 29 5988 15	3454 28
CO860086	22	4315 29	77 36	5821 7 6012 5	3325 24 3468 15	1890 44 1910 43	1908 40 1705 43	6148 9	3262 35 3254 36
TX86D1310	17	4616 20	86 31	4736 32	3156 30	1910 43 2745 22	2113 35	3792 43	2883 44
C0860094	23	4040 20 4287 31	140 11	4736 32 4252 42	2893 39	2745 22 2133 41	1557 44	6047 13	2003 44 3245 38
TX86D1332	18	3830 38	122 18	5205 23	3052 33	3247 5	1974 38	3866 42	3029 41
OK87W663	4	4755 17	72 37	5205 25 5894 6	3574 11	2332 37	2375 25	5434 30	3381 32
C0850034	20	4736 18	45 45	4252 42	3011 35	2341 36	2473 20	5161 36	3325 34
CI13996	2	3593 41	136 14	4428 38	2719 4 2	2307 38	2188 33	4255 41	2916 43
TX88D3424	19	3347 43	72 37	4135 45	2518 45	2547 29	1851 41	5340 33	3246 37
CI1442	i	3754 40	81 32	4164 44	2667 43	1523 45	1221 45	2822 45	1856 45
MEAN		4575	111	 5184	3290	2735	2379	5507	3540
			70						
LSD(.05)		1573	70	1153	795	599	312	650	842

Table 2. Continued.

WI 88-083 XH1231 3XH1231 32 TX89V4138 1721-3 4719-3 4XH900 33KS88H12-2 HBC197F 25KSSB-192-3 25KH1514 371495594 37188V4635 17X88V4635 17X88V4635 17X88V5433 17H901 47X88V5433 17H902 470K88V5433 17H902 48R8V5433 17H902 49R88V595 49R888V595 49R888V595 49R888885 49R888885 49R888885 49R888885 49R8888885 49R88888885 49R888888888888888888888888888888888888	24 39 39 315 43 43 529 228 228 225 38 312 312 3137 321 444 411 37 338 45 7	6354 6272 6873 7765 6317 6507 6694 7269 8012 7164 6358 7258 7258 7258 7242 4334 6126 4327 6130 6339 6156 5860 5813 4812	116 120 117 13 18 114 113 16 29 115 17 84 44 117 32 24 44 117 32 29 39	5065 5219 4786 4836 5330 5131 4744 5389 4871 4940 4779 4941 5083 5351 4898 4610 4509 4707 4375 4787 5030 4606 4888 4048	95 2017 37 221 163 1212 14133 256 191325 141	3534 3606 3612 2675 3871 3053 3317 3238 3771 2547 3840 2731 3348 3380 2566 3352 3900 3450 38129 3318 3084 2678	10 8 7 38 3 29 21 23 6 40 5 36 15 39 16 27 28 37	3691 3783 3452 4174 3283 3851 3958 4075 3895 4011 3900 3898 4160 3807 3572 3251 3209 3108 3709 3848 3877 3037 2930	18 16 18 22 32 11 6 4 9 5 7 8 3 15 2 3 3 3 4 6 10 10 10 10 10 10 10 10 10 10 10 10 10	4750 4741 4530 4639 5062 4588 4632 4849 4951 4877 4921 4482 4941 4670 3887 4436 3898 4516 4526 4595 4097	9 10 12 14 2 19 15 8 4 7 6 23 5 13 38 23 22 21 17	9922 9660 12519 11557 10138 8833 9206 11819 8190 9805 10585 99031 8553 9499 8658 8550 9435 7571 10514 9270 8994	5 14 30 26 3 39 17 8 15 6 32 33 36 23 42 9 25	2267 2459 2264 2338 1964 1749 2230 1931 1968 2112 2368 1964 1759 2650 2328 2156 2502 1904 2085 2324	17 6 18 12 32 43 19 35 31 32 39 42 31 21 4 37 21 4 37 115	6095 6059 7391 6947 6051 5291 5718 6875 5079 5958 6476 5963 6396 5156 6074 5493 5353 5969 4737 6300 6300 6307 5637	13 15 24 16 35 25 39 21 7 20 8 38 14 31 42 41 42 41 42 41 42 41 41 41 41 41 41 41 41 41 41 41 41 41
WI98-083 XH1231 XH1231 XH231 XH231 XH231 XH231 3 TX89V4138 1 T19-3 4 T19-3 4 XH900 3 KS88H12-2 2 KHBC197F 2 KSSB-192-3 2 XH1514 3 PI495594 3 TX88V4635 1 NE87615 3 CO850061 2 TX88V5433 1 TH901 4 TX88V5433 1 TH901 4 TX88V5440 1 XH1322 3 NE88595 KS88H12-1 TH902 4 OK88767 OK88W833 TX88V4524 1 KS87H6 2 TX88V4636 9 KS87H6 2 TX88V4636 9 KS87H6 1 TX88V4636 9 KS87H6 2 TX88V4636 9 TX88V4524 1 KS87H6 2 TX88V4636 9 TX88V4524 1 TX88V4636 9 TX88V4524 1 TX84V1418HF 1 TX84V14H	39 36 15 441 35 29 225 38 225 30 216 441 137 33 28 45 8	6354 6272 6873 7765 6317 6507 6694 7269 8012 7164 6358 7258 7258 7258 7242 4334 6126 4327 6130 6339 6156 5860 5813 4812	16 20 11 3 18 114 113 6 2 9 15 7 8 4 4 3 2 5 4 4 3 2 5 4 4 3 2 3 2 3 2 3 3 3 4 4 3 4 3 4 4 3 4 4 4 4	5219 4786 4836 5330 5131 4744 5389 4871 4940 4779 4941 5083 5351 4898 4610 4509 4707 4375 4787 5030 4608 4808 4048	5 20 17 37 21 16 13 21 12 18 21 31 32 33 36 19 31 31 31 31 31 31 31 31 31 31 31 31 31	3606 3612 2675 3871 3053 3317 3238 3771 2547 3840 2731 3380 2566 3352 3900 3450 3450 3851 3129 3318 3084 2678	8 7 38 32 21 23 6 40 5 36 17 15 39 16 21 20 20 20 20 20 20 20 20 20 20 20 20 20	3783 3452 4174 3283 3851 3958 4075 3895 4011 3900 3898 4160 3807 3572 3251 3209 3108 3709 3108 3709 3848 3848 3847 3037	16 28 22 32 16 4 9 5 7 8 3 15 23 33 34 36 17 10 10 10 10 10 10 10 10 10 10 10 10 10	4741 4530 4639 5062 4588 4632 4849 4951 4877 4482 4962 4961 4670 3887 4436 3898 4516 4526 4595	10 20 14 2 19 15 8 4 7 6 23 5 138 25 37 221 17	9660 12519 11557 10138 8833 9206 11819 8190 9805 10585 9963 10931 8553 9435 7571 10514 9270	18 2 5 14 30 26 3 39 17 8 15 6 35 22 33 42 9 25	2459 2264 2338 1964 1749 2230 1931 1968 2112 2368 1964 1860 1759 2650 2328 2156 2502 1904 2085 2324	6 18 12 33 19 35 31 21 39 42 31 31 43 43 43 43 43 43 43 43 43 43 43 43 43	6059 7391 6947 6051 5291 5718 6875 5079 5958 6476 5963 6396 5156 6074 5493 5353 5969 4737 6300 5797 5637	15 2 4 16 325 325 27 20 8 38 14 31 42 42 24
XH1231 XH1231 XH1231 TX89V4138 TX89V4138 T19-3 4 XH900 30 KS88H12-2 HBC197F 22 KH5197F 22 KH51514 31 F1495594 31 TX88V4635 10 KS88V4635 10 KS88V4635 11 KS87615 32 CV850061 40 TX88V5433 11 TY88V5440 40 TX88V5433 11 TY901 40 TX88V5433 11 TX88V553 11 TX87V1613	36 15 44 45 35 29 28 38 3 12 30 21 16 44 11 37 33 28 45 7 8	6272 6873 7765 6317 6694 7269 8012 7164 6358 7258 7258 7258 7228 7642 4334 6126 4327 6130 6339 6156 5660 5813 4812	20 111 318 114 113 6 29 115 7 8 4 4 4 3 2 3 2 9 1 1 7 2 3 1 3 1 4 4 3 1 3 1 4 4 4 3 7 7 8 8 4 4 7 7 8 8 8 8 9 8 9 9 9 1 9 1 9 1 9 1 9 1 9 1	4786 4836 5330 5131 4744 5389 4871 4940 4779 4941 5083 5351 4898 4610 4509 4707 4375 4787 5030 4606 4888 4048	20 17 3 7 22 1 16 13 21 12 8 2 14 31 32 35 36 19 10 31 55	3612 2675 3871 3053 3317 3238 3771 2547 3840 2731 3348 3380 2566 3352 3900 3450 3851 3129 3318 3084 2678	7 38 3 29 21 23 6 40 5 36 17 15 39 16 21 27 28 37	3452 4174 3283 3851 3958 4075 3895 4011 3909 3898 4160 3807 3572 3251 3209 3108 3709 3848 3877 3037	28 232 11 6 4 9 5 7 8 3 15 233 34 36 7 12 38	4530 4639 5062 4588 4632 4849 4951 4877 4921 4482 4962 4941 4670 3887 4436 3898 4516 4526 4595	20 14 2 19 15 8 4 7 6 23 5 13 25 37 22 17	12519 11557 10138 8833 9206 11819 8190 9805 10931 8553 10931 8553 9499 8658 8550 9435 7571 10514 9270	2 5 14 326 3 39 17 8 15 6 35 223 36 323 42 925	2264 2338 1964 1749 2230 1931 1968 2112 2368 1964 1860 1759 2650 2328 2156 2502 1904 2324	18 12 33 19 35 35 31 21 39 42 31 31 43 72 14	7391 6947 6051 5291 5718 6875 5079 5958 6476 5963 6396 5156 6074 5493 5353 5969 4737 6300 5797 5637	2 4 16 35 5 5 39 21 7 20 8 38 14 34 19 42 10 24
TX89V4138 T21-3 T21-3 T21-3 T19-3 KH900 3 KS88H12-2 HBC197F 2 KSSB-192-3 XH1514 7 F1495594 3 F1495594 7 F1498V5433 7 F14901 7 F14902 7 F1490	15 43 43 35 329 228 225 38 31 20 21 16 41 37 33 28 45 78	6873 7765 6317 6507 6694 7269 8012 7164 6358 7228 7642 4334 6126 4327 6130 6339 6156 5660 5813	11 3 18 114 113 6 2 9 15 7 8 4 4 4 3 2 2 4 4 4 3 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	4836 5330 5131 4744 5389 4871 4940 4779 4941 5083 5351 4898 4610 4509 4707 4375 4787 5030 4606 4888 4048	17 3 7 2 1 16 13 21 1 1 2 1 3 3 3 3 5 1 9 1 1 9 1 1 9 1 9 1 9 1 9 1 9 1 9 1	2675 3871 3053 3317 3238 3771 2547 3840 2731 3348 3380 2566 3352 3900 3450 3851 3129 3318 3084 2678	38 3 29 21 23 6 40 5 36 17 15 39 16 27 28 37	4174 3283 3851 3958 4075 3895 4011 3900 3898 4160 3807 3572 3251 3209 3108 3709 3848 3877 3037	2 32 11 6 4 9 5 7 8 3 15 22 33 34 36 7 12 11 12 11 12 11 12 13 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	4639 5062 4588 4632 4849 4951 4877 4921 4482 4962 4941 4670 3887 4436 3898 4516 4526 4595	14 2 19 18 4 7 6 23 3 5 13 8 25 37 22 17	11557 10138 8833 9206 11819 8190 9805 10585 9963 10931 8553 9499 8658 8550 9435 7571 10514 9270	5 14 30 26 3 39 17 8 15 6 32 33 36 23 42 9 25	2338 1964 1749 2230 1931 1968 2112 2368 1964 1860 1759 2650 2328 2156 2502 1904 2085 2324	12 32 43 19 35 31 25 11 32 39 42 3 13 21 4 37 27	6947 6051 5291 5718 6875 5079 5958 6476 5963 5156 6074 5493 5353 5969 4737 6300 5797 5637	4 16 35 25 39 21 7 20 8 31 4 19 42 124
T21-3 T19-3 KH900 KS88H12-2 HBC197F KS88-192-3 KS88H-192-3 ZH1514 JTX88V4635 JTX88V4635 JTX88V5433 JTX88V5433 JTX88V5440 JTX88V5440 JTX88V5440 JTX98V5440 JTX98V540 JTX98V	43 41 35 29 228 225 38 31 12 30 21 16 41 41 37 33 28 47 8	7765 6317 6507 6694 7269 8012 7164 6358 7228 7642 4334 6126 4327 6130 6339 6156 5660 5813	3 18 114 113 6 6 2 9 9 115 7 8 4 4 4 3 2 5 4 4 4 7 2 3 2 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	5330 5131 4744 5389 4871 4940 4779 4941 5083 5351 4898 4610 4509 4707 4375 4787 5030 4606 4888 4048	3 7 22 1 16 13 21 12 8 2 14 33 33 25 36 19 10 31 15	3871 3053 3317 3238 3771 2547 3840 2731 3348 3380 2566 3352 3900 3450 3851 3129 3318 3084 2678	3 29 21 23 6 40 5 36 17 15 39 12 21 4 27 20 28 37	3283 3851 3958 4075 3895 4011 3900 3807 3572 3251 3209 3108 3709 3848 3877 3037	32 11 6 4 9 5 7 8 3 15 22 33 34 36 17 12 10 38	5062 4588 4632 4849 4951 4877 4921 4482 4962 4961 4670 3887 4436 3898 4516 4526 4595	2 19 15 8 4 7 6 23 3 5 13 8 25 37 22 17	10198 8833 9206 11819 8190 9805 10585 9963 10931 8553 8553 9435 7571 10514 9270	14 30 26 3 317 8 15 6 35 22 33 42 9 25	1964 1749 2230 1931 1968 2112 2368 1964 1860 1759 2650 2328 2156 2502 1904 2085 2324	32 43 19 35 31 25 11 32 39 42 3 13 21 4 37 27	6051 5291 5718 6875 5079 5958 6476 5963 6396 5156 6074 5493 5353 5969 4737 6300 5797 5637	16 35 25 5 39 21 7 20 8 38 34 19 42 10 24
T19-3 KH900 KK900 SK988H12-2 HBC197F KSSB-192-3 ZH1514 P1495594 TX88V4635 INE87615 CO850061 TX88V5433 TH901 TX88V5440 TX88V5440 TX88V5440 TX88V5440 TX88V5440 TX88V5440 TX88V5452 TH902 TX88V4524 TX88V4524 TX88V4636 RE87451 TX88V4636 RE87451 TX87V1613 TX88V4630 GK87630 T67 WIRERALL STREET S	41 35 29 28 225 38 31 22 30 21 16 44 11 37 33 28 47 8	6317 6507 6694 7269 8012 7164 6358 7258 7258 7642 4334 6126 4327 6130 6339 6156 5860 5813 4812	18 114 113 62 99 115 78 84 44 43 224 44 24 23 29 39	5131 4744 5389 4871 4940 4779 4941 5083 5351 4898 4610 4509 4707 4375 4787 5030 4606 4888 4048	7 22 1 16 13 21 12 8 2 14 33 25 36 19 10 32 15	3053 3317 3238 3771 2547 3840 2731 3348 3380 2566 3352 3900 3450 3851 3129 3318 3084 2678	29 21 23 6 40 5 36 17 15 39 16 2 13 4 27 20 28 37	3851 3958 4075 3895 4011 3900 3898 4160 3807 3572 3251 3209 3108 3709 3898 3898 3709	11 6 4 9 5 7 8 3 15 22 33 34 36 17 12 10 38	4588 4632 4849 4951 4877 4921 4482 4962 4941 4670 3887 4436 3898 4516 4526 4595	19 15 8 4 7 6 23 3 5 13 8 25 37 22 21	8833 9206 11819 8190 9805 10585 9963 10931 8553 9499 8658 8550 9435 7571 10514 9270	30 26 3 39 17 8 15 6 35 22 33 36 23 42 9 25	1749 2230 1931 1968 2112 2368 1964 1860 1759 2650 2328 2156 2502 1904 2085 2324	43 19 35 31 25 11 32 39 42 3 13 21 4 37 27	5291 5718 6875 5079 5958 6476 5963 6396 5156 6074 5493 5353 5969 4737 6300 5797 5637	35 25 5 39 21 7 20 8 38 14 31 34 19 42 10 24
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TX88V5433 TH901 TX98V5440 17X98V5440 1XH1322 3NE88595 3NE88595 3NE88767 TX98V4524 1X88V4524 1X88V4636 TX88V4636 TX88V4636 TX87451 TX87V1613 TX84V1418HF 1NE87409 0K87630 T67 WI88-024 0K87542 NE88427 C0860086 TX860086 TX860094	16 44 11 37 33 28 45 7	4334 6126 4327 6130 6339 6156 5660 5813 4812	43 25 44 24 17 23 32 29 39	4610 4509 4707 4375 4787 5030 4606 4888 4048	31 33 25 36 19 10 32 15	3352 3900 3450 3851 3129 3318 3084 2678	16 2 13 4 27 20 28 37	3251 3209 3108 3709 3848 3877 3037	33 34 36 17 12 10 38	3887 4436 3898 4516 4526 4595	38 25 37 22 21 17	8658 8550 9435 7571 10514 9270	33 36 23 42 9	2328 2156 2502 1904 2085 2324	13 21 4 37 27	5493 5353 5969 4737 6300 5797 5637	31 34 19 42 10 24
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TX88V5440 XH1322 3 NE88595 SKS88H12-1 TH902 4 OK88767 7 OK88W833 TX88V4524 KS87H6 2 TX88V4636 STX87V1613 TX87V1613 TX87V1613 TX87V1613 TX87409 OK87630 T67 WI88-024 OK87542 NE88427 SRE88427 SRE88427 CO860086 TX8601310 CO860094	11 37 33 28 45 7	4327 6130 6339 6156 5660 5813 4812	44 24 17 23 32 29 39	4707 4375 4787 5030 4606 4888 4048	25 36 19 10 32 15	3450 3851 3129 3318 3084 2678	13 4 27 20 28 37	3108 3709 3848 3877 3037	36 17 12 10 38	3898 4516 4526 4595	37 22 21 17	9435 7571 10514 9270	23 42 9 25	2502 1904 2085 2324	4 37 27 14	5969 4737 6300 5797 5637	19 42 10 24
XH1322 3 NE88595 3 KS88H12-1 2 OK88767 7 OK88W833 8 TX88V4524 1 KS87H6 2 TX88V4636 9 NE87451 3 TX87V1613 1 TX87V1613 1 TX84V1418HF 1 NE87409 3 OK87630 6 T67 4 WI88-024 0 K87542 5 NE88427 C0860086 2 TX86D1310 1 C0860094 2	37 33 28 45 7	6130 6339 6156 5660 5813 4812	24 17 23 32 29 39	4375 4787 5030 4606 4888 4048	36 19 10 32 15	3851 3129 3318 3084 2678	4 27 20 28 37	3709 3848 3877 3037	17 12 10 38	4516 4526 4595	22 21 17	7571 10514 9270	42 9 25	1904 2085 2324	27 14	4737 6300 5797 5637	42 10 24
NE88595 KS88H12-1 TH902 OK88767 OK88W833 TX88V4524 IX88V4524 IX88V4636 NE87451 TX87V1613 TX87V1613 TX84V1418HF NE87409 OK87630 T67 WI88-024 OK87542 NE88427 C0860086 TX860086 TX860094	33 28 45 7 8	6339 6156 5660 5813 4812	17 23 32 29 39	4787 5030 4606 4888 4048	10 32 15	3129 3318 3084 2678	20 28 37	3848 3877 3037	12 10 38	4526 4595	21 17	10514 9270	9 25	2085 2324	27 14	6300 5797 5637	10 24
K\$88H12-1 TH902 40 0K88767 7	28 45 7 8	6156 5660 5813 4812	23 32 29 39	5030 4606 4888 4048	10 32 15	3318 3084 2678	20 28 37	3877 3037	10 38	4595	17	9270	25	2324	14	5797 5637	24
TH902 OK88767 OK888767 OK888W833 TX88V4524 IX88V4524 IX88V4636 NE87451 TX87V1613 TX87V1613 TX84V1418HF NE87409 OK87630 T67 WI88-024 OK87542 NE88427 OK87542 OK87542 OK87542 OK87542 OK87542 OK860086 TX86D1310 C0860094	45 7 8	5660 5813 4812	32 29 39	4606 4888 4048	32 15	3084 2678	28 37	3037	38							5637	
OK88767 OK88W833 8 TX88V4524 1 KS87H6 2 TX88V4636 9 NE87451 3 TX87V1613 1 TX87V1613 1 TX87409 3 OK87630 67 4 W188-024 OK87542 NE88427 C0860086 TX86D1310 C0860094	7 8	5813 4812	29 39	4048	15	2678	37						29				
DK88W833 TX88V4524 1 KS87H6 2 TX88V4636 9 NE87451 3 TX87V1613 1 TX84V1418HF 1 NE87409 0K87630 T67 4 W188-024 0K87542 NE88427 C0860086 TX86D1310 1 C0860094		4812	39	4048					40	4077	35	9031	27	2277	16	5654	26
KS87H6 TX88V4636 SERVATOR TX87V1613 TX87V1613 TX84V1418HF SERVATOR OK87630 T67 WI88-024 OK87542 SERVATOR OK87542 SERVATOR CO860086 TX86D1310 CO860094	Ā 4	5302	~=			1500	42	3028	39	3467	43	12593	1	2805	1	7699	1
KS87H6 TX88V4636 SERVATOR TX87V1613 TX87V1613 TX84V1418HF SERVATOR OK87630 T67 WI88-024 OK87542 SERVATOR OK87542 SERVATOR CO860086 TX86D1310 CO860094	14	JUUZ	35	4736	24	3215	25	3527	26	4195	31	9633	19	2452	9	6043	17
TX88V4636 9 NE87451 3 TX87V1613 1 TX84V1418HF 1 NE87409 3 OK87630 6 T67 4 WI88-024 4 OK87542 5 NE88427 C0860086 2 TX86D1310 1 C0860094 2	27	5111	37	4647	30	4051	1	3466	27	4319	27	7871	41	2149	23	5010	41
TX87V1813 1 TX84V1418HF 1 NE87409 3 0K87630 6 T67 4 W188-024 4 0K87542 5 NE88427 3 C0860086 2 TX86D1310 1 C0860094 2	9		5	5272	4	2836	34	3539	24	4731	11	10474		1924	36	6199	12
TX87V1613 1 TX84V1418HF 1 NE87409 3 0K87630 6 T67 4 W188-024 4 0K87542 5 NE88427 3 C0860086 2 TX86D1310 1 C0860094 2	32	6231	21	5195	6	3220	24	3811	14	4614	16	8705	32	2153	22	5429	32
NE87409 3 OK87630 6 T67 4 WI88-024 4 OK87542 5 NE88427 3 C0860086 2 TX86D1310 1 C0860094 2	13		27	4367	39	2993	30	3680	20	4255	30	10275	12	1799	40	6037	18
OK87630 6 T67 4 WI88-024 4 OK87542 5 NE88427 5 C0860086 2 TX86D1310 1 C0860094 2	10	5753	31	4372	37	3319	19	2951	42	4099	33	10423	11	2681	2	6552	6
T67 4 W188-024 4 OK87542 5 NE88427 6 C0860086 2 TX86D1310 1 C0860094 2	31	6309	19	4976	11	3261	22	4217	1	4691	12	8560	34	1995	29	5277	36
W188-024 4 OK87542 5 NE88427 3 CO860086 2 TX86D1310 1 CO860094 2	6	4368	42	4351	40	2744	35	3423	31	3722	39	9307	24	2479	5	5893	22
OK87542 5 NE88427 3 C0860086 2 TX86D1310 1 C0860094 2	42	5481	34	4484	34	3389	14	2953	41	4077	36	8493	38	1971	30	5232	37
NE88427 3 C0860086 2 TX86D1310 1 C0860094 2	40	5649	33	4658	29	3460	12	3572	22	4335	26	8503	37	2206	20	5355	33
C0860086 2 TX86D1310 1 C0860094 2	5	6100	26	4704	26	315 5	26	3150	35	4277	28	9014	28	2052	28	5533	30
TX86D1310 1 CO860094 2	34		22	4744	22	3495	11	3425	30	4472	24	7225	44	1880	38	4552	44
TX86D1310 1 C0860094 2	22	6996	10	4692	27	2849	33	3824	13	4591	18	11816	4	2459	6	7137	3
	17	4484	41	4038	42	2981	31	3003	40	3626	41	8762	31	2395	10	5578	29
	23	8187	1	4829	18	3553	9	3691	18	5065	1	10793	7	1762	41	6278	11
TX86D1332 1	18		30	4368	38	3329	18	3046	37	4129	32	7958	40	2146	24	5052	40
OK87W663 4	4	4753	40	4480	35	1940	43	3438	29	3653	40	9603	20	2092	26	5847	23
C0850034 2	20		38	3522	44	1256	45	3621	21	3328	44	10228	13	2455	8	6342	9
CI 13996 2	2	5831	28	4681	28	2978	32	3533	25	4256	29	7477	43	1934	34	4706	43
TX88D3424 1	19	5223	36	4001	43	2383	41	2641	45	3562	42	9556	21	1736	44	5646	27
CI1442 1		4316	45	2569	45	1493	44	2660	44	2759	45	6539	45	1413	45	3976	45
MEAN	1			4680	_	3105		3526		4352		9489		2148		5819	
LSD(.05)	1	6097		581		558		551		719		2588		549		N.S.	
C.V.	1	609 7 1481		287				J-5 I		113		2000		12.6		15.9	

Table 2. Concluded.

C.I. OR SEL. NO.	ENTRY:	DALLAS TEXAS	PROSPER TEXAS	CHILLI- COTHE TEXAS	BUSHLAND : (IRR.) : TEXAS :	BUSHLAND (DRYL.) TEXAS	: TEXAS : STATE MEAN :	COLUMBIA MISSOURI	: REGIONAL : AVERAGE
KSSB-369-7	24	3082 4	3214 11	3705 1	6806 17	2795 7	3920 2	2775 7	3872 1
WI88-083	39	2072 27	3323 9	3022 28	6698 19	2818 6	3586 12	1378 39	3769 2
XH1231	36	2014 29	3132 12	3524 5	6691 20	2423 30	3557 13	1449 36	3762 3
TX89V4138	15	2843 9	2978 20	3434 7	7664 1	3015 2	3987 1	2359 18	3723 4
T21-3	43	1789 32	3049 16	3167 20	6577 23	2759 10	3468 19	1674 31	3709 5
T19-3	41	2248 22	3002 18	3401 8	6797 18	3096 1	3709 4	2699 9	3676 6
XH900	35	2420 21	3042 17	3295 12	6998 12	2694 12	3690 6	1299 41	3652 7
KS88H12-2	29	1456 35	2506 33	3277 13	7146 8	2551 21	3387 24 ⁻	2581 13	3617 8
HBC197F	26	2838 10	3572 4	2842 34	6422 24	2466 27	3628 9	1717 30	3615 9
KSSB-192-3	25	1315 37	2187 37	3044 27	7034 9	2506 23	3217 3 5	2153 25	3608 10
XH1514	38	1240 38	2941 22	3311 11	7427 4	2670 14	3518 14	1375 40	3600 11
PI495594	3	2158 24	2657 30	3013 29	6 682 21	2981 3	3498 17	3002 2	3590 12
TX88V4635	12	2167 23	2915 23	3199 17	7 577 2	2623 19	3696 5	2280 19	3553 13
NE87615	30	1487 33	2225 36	3273 14	6402 25	2688 13	3215 36	1449 37	3538 14
CO850061	21	2138 25	2074 39	3524 4	7030 10	2780 8	3509 15	2272 22	3530 15
TX88V5433	16	2870 6	3762 2	2856 33	6183 32	2318 35	3598 11	2953 3	3517 16
TH901	44	2740 14	3124 13	3167 21	5501 39	2399 32	338 6 26	2715 8	3514 17
TX88V5440	11	2584 16	3503 6	2683 43	5667 38	2464 28	3380 27	2850 6	3506 18
XH1322	37	2751 13	3525 5	3201 16	6174 38	2506 23	3632 8	2274 21	3501 19
NE88595	33	947 41	2280 35	3369 9	6933 15	2625 18	3231 34	1841 29	3481 20
K\$88H12-1	28	1481 34	2685 28	3219 15	7368 7	2047 41	3360 30	2695 10	3478 21
TH902	45	2607 15	2948 21	3640 2	6165 34	1921 42	3456 22	2915 5	3448 22
OK88767	7	3257 3	3122 14	2744 40	6059 35	2112 40	3459 20	2501 16	3446 23
OK88W833	8	2853 8	3232 10	2739 41	5990 37	2470 26	3457 21	2540 14	3440 24
TX88V4524	14	2794 11	3988 1	2968 31	6270 29	2780 8	3760 3	1499 34	3436 26
KS87H6	27	2119 26	2681 29	2768 38	6059 35	2437 29	3213 37	2164 24	3436 25
TX88V4636	9	1349 36	2617 31	3188 18	7402 5	2331 34	3377 28	2247 23	3411 28
NE87451	32	1915 31	2436 34	3046 26	6978 13	2558 20	3387 25	1256 4 2	3411 27
TX87V1613	13	2854 7	3102 15	3161 22	6588 22	1834 44	3508 16	2528 15	3396 29
TX84V1418HF	10	2753 12	2997 19	2 7 95 37	6344 27	2163 38	3410 23	2276 20	3373 30
NE87409	31	986 40	2043 40	2988 30	6976 14	2742 11	3147 38	2152 26	3372 31
OK87630	6	2881 5	3419 7	3170 19	6191 31	2477 25	3628 10	3099 1	3337 32
T67	42	2430 19	2782 27	3085 25	5136 42	2170 37	3120 39	2676 11	3336 33
WI88-024	40	2033 28	2524 32	3123 24	6328 28	2549 22	3311 32	1248 43	3310 34
OK87542	5	2423 20	2911 24	2901 32	6205 30	1912 43	3270 33	2930 4	3306 35
NE88427	34	531 42	1826 41	2840 35	6828 16	2898 5	2985 42	1535 33	3272 36
CO860086	22	309 44	1174 44	3445 6	7391 6	2923 4	3048 40	1412 38	3232 37
TX86D1310	17	3453 1	3573 3	2820 36	4914 44	2634 17	3479 18	1844 28	3205 38
C0860094	23	375 43	1192 42	3336 10	7552 3	2641 15	3019 41	638 45	3204 39
TX86D1332	18	3392 2	3396 8	2638 44	4947 43	2414 31	3357 31	1539 32	3200 40
OK87W663	4	2505 17	2856 26	2712 42	6382 26	2399 32	3371 29	2661 12	3186 41
C0850034	20	2495 18	2895 25	3625 3	7016 11	2284 36	3663 7	2500 17	3097 42
CI13996	2	1206 39	2093 38	3132 23	5311 41	2636 16	2875 43	2016 27	3002 43
TX88D3424	1 9	2009 30	1183 43	2751 39	5398 40	2121 39	2692 44	1486 35	2726 4 4
CI1442	1	238 45	1047 45	2329 45	4286 45	1383 45	1857 45	864 44	2062 45
MEAN		2097	2750	3099		2489	3378	2096	3410
LSD(.05)		552	501	413	701	620	727	702	299
c.v.		16.5	11.2	8.2	6.7	15.3	10.3	20.6	14.1

Table 3. Summary of mean yields (kg/ha) and ranks of 45 wheats grown in the 1991 Southern Regional Performance Nursery at 16 locations from which a CV of 15 or less and a significant F test for entries were obtained.

C.I. OR SEL. NO.	:ENTRY: :NO.:	PROSPER TEXAS	CHILLI- COTHE TEXAS	BUSHLAND (IRR.) TEXAS	HUTCHINSON : KANSAS :	HAYS KANSAS	: MANHATTAN : : KANSAS :	COLBY KANSAS	GARDEN CITY KANSAS
KSSB-369-7	24	3214 11	3705 1	6806 17	3945 1	2605 20	3702 5	4598 3	3791 32
WI88-083	39 .	3323 9	3022 28	6698 19	3433 8	2542 27	4196 1	4268 21	4553 5
HBC197F	26	3572 4	2842 34	6422 24	3214 11	2390 34	3397 11	4118 22	4432 12
XH1231	36	31 3 2 12	3524 5	6691 20	2886 18	3044 2	3805 3	4093 23	4882 1
XH900	35	3042 17	3295 12	6998 12	2980 13	2981 7	3573 7	4468 10	4651 3
T21-3	43	3049 16	3167 20	6577 23	1570 38	2582 22	2997 25	4483 8	4463 11 .
TX89V4138	15	2978 20	3434 7	7664 1	2871 19	2791 12	3326 14	4562 5	4102 20
XH1514	38	2941 22	3311 11	7427 4	1883 34	3008 4	3154 18	3932 32	4326 17
TX88V4635	12	2915 23	3199 17	7577 2	2351 28	2336 37	2058 40	4604 2	4546 7
T19-3	41	3002 18	3401 8	6797 18	2566 25	3020 3	2925 29	4479 9	4235 19
NE87615	30	2225 36	3273 14	6402 25	1730 35	2930 8	2900 31	4546 6	4533 8
KS88H12-2	29	2506 33	3277 13	7146 B	1938 33	2529 28	2642 35	4326 15	4344 16
KS88H12-1	28	2685 28	3219 15	7368 7	1963 32	2562 25	2997 26	4329 13	4403 13
XH1322	37	3525 5	3201 16	6174 33	3473 6	2473 30	3717 4	3629 38	3954 26
TX88V4636	9	2617 31	3188 18	7402 5	1709 37	2659 15	2381 37	4618 1	4403 13
KSSB-192-3	2 5	2187 37	3044 27	7034 9	2824 20	2632 18	3979 2	4017 29	3842 30
NE87451	32	2436 34	3046 26	6978 13	2683 23	2587 21	2754 34	4270 19	4528 9
KS87H6	27	2681 29	2768 38	6059 35	3102 12	2547 26	3097 20	4338 12	4098 21
TH901	44	3124 13	3167 21	5501 39	2965 15	2511 29	3517 9	4270 19	4035 23
C0850061	21	2074 39	3524 4	7030 10	2115 29	2984 6	3382 12	4275 18	4551 6
NE88595	33	2280 35	3369 9	6933 15	1265 42	3002 5	2375 38	4461 11	4741 2
TH902	45	2948 21	3640 2	6165 34	2632 24	2842 10	3351 13	4082 25	3927 27
OK88767	7	3122 14	2744 40	6059 35	2890 17	2582 23	3694 6	4057 26	3584 38
TX88V4524	14	3988 1	2968 31	6270 29	2969 14	2206 41	2888 32	4019 28	3750 33
NE87409	31	2043 40	2988 30	6976 14	1520 39	2809 11	2362 39	4302 17	4492 10
OK87542	5	2911 24	2901 32	6205 30	2698 22	2410 33	2998 24	3954 31	3916 28
TX88V5433	16	3762 2	2856 33	6183 32	3557 4	2381 35	2874 33	4569 4	3632 35
PI495594	3	2657 30	3013 29	6682 21	1978 31	3098 1	2919 30	4037 27	3625 36
TX87V1613	13	3102 15	3161 22	6588 22	2931 16	1858 45	2968 28	3791 33	3909 29
TX88V5440	11	3503 6	2683 43	5667 38	3569 3	2304 39	3296 15	4504 7	3378 42
C0860094	23	1192 42	3336 10	7552 3	868 43	2645 16	1232 44	4317 16	4580 4
WI88-024	40	2524 32	3123 24	6328 28	2702 21	2360 36	3075 21	3625 39	4064 22
NE88427	34	1826 41	2840 35	6828 16	1719 36	2847 9	2454 36	4089 24	4360 15
OK87630	6	3419 7	3170 19	6191 31	3547 5	2432 32	3146 19	3723 35	3239 45
T67	42	2782 27	3085 25	5136 42	3726 2	2636 17	3482 10	3983 30	3835 31
TX84V1418HF	10	2997 19	2795 37	6344 27	3339 10	2316 38	3063 22	3497 41	3495 39
TX86D1332	18	3396 8	2638 44	4947 43	3451 7	2206 41	3289 16	3410 42	3643 34
OK88W833	8	3232 10	2739 41	5990 37	2471 27	2768 13	3521 8	3614 40	3616 37
C0860086	22	1174 44	3445 6	7391 6	406 44	2629 19	1458 43	3692 36	4304 18
OK87W663	4	2856 26	2712 42	6382 26	2525 26	2670 14	2978 27	3232 43	3266 44
CI13996	2	2093 38	3132 23	5311 41	1978 30	2564 24	1466 42	4329 13	3990 25
TX86D1310	17	3573 3	2820 36	4914 44	3344 9	2239 40	3003 23	3634 37	3407 41
C0850034	20	2895 25	3625 3	7016 11	1388 41	2448 31		3062 44	4013 24
		1183 43	2751 39	5398 40	1519 40			3788 34	3445 40
TX88D3424 CI1442	19 1	1047 45	2751 39 2329 45	4286 45	372 45	1988 43 1894 44	2043 41 693 45	2484 45	3293 43
	<u> </u>			4200 43	372 45				
MEAN		2750	3099	6455	2479	2574	2941	4055	4048
LSD(.05)		501	413	701	5 78	276	483	292	492
c.v. ′		11.2	8.2	6.7	14.4	6.6	10.1	4.4	7.5

Table 3. Concluded.

C.I. OR SEL. NO.		BROOKINGS S. DAKOTA	STILLWATER :	LAHOMA OKLAHOMA	GOODWELL OKLAHOMA	: FORT : COLLINS : COLORADO	AKRON COLORADO	: JULESBURG : COLORADO	WALSH COLORADO	: REGIONAL : AVERAGE
K\$\$B-369-7	24	3173 35	3179 7	3434 1	6365 3	6709 12	5065 9	3534 10	3691 18	4220 1
WI88-083	39	4065 5	3396 4	2514 16	5905 16	6354 16	5219 5	3606 8	3783 16	4180 2
HBC197F	26	3657 13	3768 1	2600 11	6317 5	7269 6	4871 16	3771 6	3895 9	4158 3
XH1231	36	3702 11	3056 15	2574 13	6396 2	6272 20	4786 20	3612 7	3452 28	4119 4
XH900	35	3460 22	2859 19	2737 8	6090 10	6507 14	4744 22	3317 21	3958 6	4104 5
T21-3	43	4175 2	3635 2	2465 21	6215 6	7765 3	5330 3	3871 3	3283 32	4102 6
TX89V4138	15	2726 39	2848 20	3397 2	5518 27	6873 11	4836 17	2675 38	4174 2	4048 7
XH1514	38	3413 25	3151 10	2251 30	5748 21	7164 9	4779 21	3840 5	3900 7	4014 8
TX88V4635	12	3360 27	2353 35	2749 7	6054 12	7258 7	5083 8	3348 17	4160 3	3997 9
T19-3	41	3861 9	3081 14	2288 28	5673 23	6317 18	5131 7	3053 29	3851 11	3980 10
NE87615	30	4119 3	2707 24	2463 22	6038 14	7228 8	5351 2	3380 15	3807 15	3977 11
K\$88H12-2	29	3420 23	3090 13	2070 37	6327 4	6694 13	5389 1	3238 23	4075 4	3938 12
KS88H12-1	28	3520 19	2666 26	2252 29	6472 1	6156 23	5030 10	3318 20	3877 10	3926 13
XH1322	37	3263 33	3113 12	2789 6	5440 28	6130 24	4375 36	3851 4	3709 17	3926 14
TX88V4636	9_	3361 26	2498 31	2798 4	6187 7	7276 5	5272 4	2836 34	3539 24	3921 15
KSSB-192-3	25	1727 44	3178 8	2564 15	6179 8	8012 2	4940 13	2547 40	4011 5	3920 16
NE87451	32	3977 6	2878 18	2099 36	5343 32	6231 21	5195 6	3220 24	3811 14	3877 17
K\$87H6	27	4091 4	3172 9	2502 17	5811 18	5111 37	4647 30	4051 1	3466 27	3846 18
TH901	44	3306 30	3466 3	2610 10	4886 40	6126 25	4509 33	3900 2	3209 34	3819 19
CO850061	21	2230 41	2060 42	2208 32	5905 16	7642 4	4898 14	2566 39	3572 22	3814 20
NE88595	33	3642 14	2150 40	2187 34	6064 11	6339 17	4787 19	3129 27	3848 12	3786 21
TH902	<u>4</u> 5	3341 28	3207 6	2797 5	5161 36	5660 32	4606 32	3084 28	3037 38	3780 22
DK88767	7	3611 16	3121 11	2424 23	5630 26	5813 29	4888 15	2678 37	2930 43.	3739 23
TX88V4524	14	2921 37	2955 17	2412 24	5669 24	5302 35	4736 24	3215 25	3527 26	3737 24
NE87409	31	3879 7	2398 34	1819 42	5358 31	6309 19	4976 11	3261 22	4217 1	3732 25
DK87542	5	4213 1	2575 27	2349 26	5437 29	6100 26	4704 26	3155 26	3150 35	3730 26
TX88V5433	16	3514 20	2739 23	2312 27	5678 22 5707 10	4334 43	4610 31	3352 16	3251 33	3725 27
PI495594	3	2573 40	2273 39	2957 3	5787 19	6358 15	4941 12	2731 36	3898 8	3720 28
TX87V1613	13	3298 31	2564 28	2734 9	5310 35 5749 20	5981 27	4367 39 4707 25	2993 30	3680 20	3702 29
TX88V5440 CO860094	11	3596 17	2686 25 2133 41	2597 12		4327 44		3450 13 3553 9	3108 36	3695 30
	23 4 0	3216 34		1557 44	6047 13 5336 34	8187 1			3691 18	3683 31
NI 88-024 NE 88427	34	3520 18 3871 8	2534 30 1890 44	2248 31 1908 40	5988 15	5649 33 6223 22	4658 29 4744 22		3572 22 3425 30	3674 32
NE 00 42 / DK 8 7 6 3 0	6	3871 8 3672 12	2795 21	2500 18	5013 38	4368 42	4351 40	3495 11 2744 35	3423 30 3423 31	3657 33 3608 34
167	42	3768 10	3045 16	2566 14	3254 44	5481 34	4484 34	3389 14		
TX84V1418HF	10	3615 15	2477 32	1948 39	4973 39	5753 31	4372 37	3319 19	2953 41 2951 42	
TX86D1332	18	3419 24	3247 5	1974 38	3866 4 2	5753 31 5772 30	4368 38	3329 18	3046 37	3578 36 3500 37
0K88W833	8	3341 29	2447 33	2477 19	5667 25	4812 39	4048 41	1980 42	3028 39	3484 38
0860086	22	3003 36	1910 43	1705 43	6148 9	6996 10	4692 27	2849 33	3824 13	3477 39
X800080 X87W663	4	2782 38	2332 37	2375 25	5434 30	4753 40	4480 35	1940 43	3438 29	3385 40
CI 13996	2	3284 32	2307 38	2188 33	4255 41	5831 28	4681 28	2978 32	3533 25	3370 41
TX86D1310	17	3513 21	2745 22	2113 35	3792 43	4484 41	4038 42	2976 32 2981 31	3003 40	3350 42
0850034	20	2192 42	2341 36	2473 20	5161 36	4914 38	3522 44	1256 45	3621 21	3321 4 3
TX88D3424	19	1323 45	2547 29	1851 41	5340 33	5223 36	4001 43	2383 41	2641 45	2964 44
CI1442	1	2044 43	1523 45	1221 45	2822 45	4316 45	2569 45	1493 44	2660 44	2190 45
 IEAN		3328		2379	 550 7	6097	4680	3105		3735
.SD(.05)		598	2735 599	312	650	1481	581	5105 558	5526 551	3735 375
2.V.		11.1	13.5	8.1	7.3	15.0	7.6	11.1	9.6	10.3
			10.5	J. 1		13.0	7.0	11.1	5.0	10.5

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).

	: :	SOUTH	1-	: NORTH	1-	: NORTHE		: INTER	-	: SOUTHE	RN	:	
C.I. OR	:ENTRY:	CENT	IAL	: CENTE	WL	: HIGH		: MOUNTA	IN	: HIGH		: REGIO	NAL
SEL. NO.	<u>: NO. :</u>	<u> PLAIN</u>	<u> </u>	: PLAIN	<u> </u>	: PLAIN	S	_: WEST		: PLAIN	<u>s_</u>	: AVERA	\GE_
NO. OF	LOCATIONS	9		4		5		4		5		28	
(SSB-369-7	24	4037	1	3041	3	3291	14	6147	13	3220	11	3872	1
188-083	39	3656	7	3428	1	3553	3	5982	16	3169	13	3769	2
H1231	36	3702	5	2922	8	3259	16	6583	3	3253	9	3762	3
X89V4138	15	3816	2	2482	33	3008	29	6600	2	3235	10	3723	4
21-3	43	3450	17	2849	13	3609	1	6231	9	3355	3	3709	5
19-3	41	3564	10	3011	4	3478	4	5526	26	3326	4	3676	6
H900	35	3711	4 .	2859	12	3142	25	5776	20	3462	1	3652	7
S88H12-2	29	3371	26	2482	34	3468	6	6401	7	3097	16	3617	8
BC197F	26	3774	3	2841	16	3358	12	5478	29	3094	17	3615	9
SSB-192-3	25	3440	20	2842	15	2907	32	6558	4	3156	14	3608	10
H1514	38 3	3440 3400	19 24	2728	23 28	3289 3066	15 27	6151	12	3299	5	3600	11
1495594 X88V4635	3 12	3522	24 14	2568 2134	38	3223	20	6228 6105	10 14	3280 3286	7 6	3590 3553	12 13
x88V4033 E87615	12 30	3250	33	2741	22	3560	20	5906	18	3195	12	3538	13
0850061	21	3338	27	2463	35	2890	34	6469	6	3269	8	3530	15
X88V5433	16	3593	8	2973	7	3422	9	5201	39	2678	36	3517	16
H901	44	3441	18	2904	9	3385	11	5465	30	2860	31	3514	17
X88V5440	11	3482	15	2866	11	3239	17	5481	28	2877	29	3506	18
H1322	37	3660	6	2989	6	3020	28	5283	37	2927	26	3501	19
E88595	33	3133	38	2509	31	3390	10	6175	11	3149	15	3481	20
S88H12-1	28	3408	22	2548	29	3470	5	5655	22	2774	34	3478	21
H902	45	3556	11	2829	17	3200	23	5568	24	2411	43	3448	22
K88767	7	3537	13	3004	5	2864	36	5699	21	2606	39	3446	23
K88W833	8	3405	23	2805	18	2311	42	6486	5	2882	27	3440	24
X88V4524	14	3581	9	2770	20	2936	30	5487	27	2955	23	3436	26
S87H6	27	3418	.21	2713	25	3454	7	5194	40	2879	28	3436	25
X88V4636	9	3378	25	2032	40	3217	21	5985	15	2938	25	3411	28
E87451	32	3330	28	2726	24	3184	24	5548	25	3053	20	3411	27
X87V1613	13	3456	16	2525	30	2667	39	5911	17	2876	30	3396	29
X84V1418HF	10	3327	29	2892	10	2877	35	5858	19	2569	41	3373	30
E87409	31	2989	39	2411	36	3428	8	5444	33	3360	2	3372	31
K87630	6	3550	12	2793	19	2571	40	5343	35	2599	40	3337	32
67	42	3184	37	3085	2	3227	18	5115	42	2630	37	3336	33
188-024	40	3243	34	2506	32	3074	26	5449	32	3008	21	3310	34
K87542	5	3323	30	2848	14	2890	33	5388	34	2466	42	3306	35
E88427	34	2931	40	2749	21	3343	13	5287	36	2968	22	3272	36
0860086	22	2791	42	1672	43	2909	31	6821	1	3089	18	3232	37
X8601310	17	3221	36	2694	26	2794	38	5094	43	2755	35	3205	38
0860094	23	2856	41	1738	42	3215	22	6249	8	3068	19	3204	39
X86D1332	18	3235	35	2683	27	2818	37	5270	38	2611	38	3200	40
K87 W 66 3	4	3310	32	2293	37	2265	43	5585	23	2786	32	3186	41
0850034	20	3316	31	2039	39	1936	44	5462	31	2940	24	3097	42
I 13996	2	2782	43	1832	41	3225	19	4918	44	2778	33	3002	43
X88D3424	19	2732	44	1488	44	2405	41	5162	41	2325	44	2726	44
I1442 	1 	1748 ———	45 	1118 	45	1815 	45 	4108	45	2234	45 	2062 ———	45
EAN	•	3341		2587		3059		5730		2950		3410	
SD(.05)		526		695		439		1153		460		299	
.v.`		9.7		14.3		11.0		15.5		17.2		14.1	

Table 5. Summary of mean yields (kg/ha) and ranks for 12 wheats grown in the Southern Regional Performance Nursery at 26 sites in 1990 and 1991 with state means and ranks.

VARIETY OR PEDIGREE	: C.I. OR : SEL. NO.	ENTRY:	LÍNCOLN NEBRASKA	CLAY CENTER NEBRASKA	: NORTH : PLATTE : NEBRASK		: NEBRASKA : : STATE MEAN :
NE68513/NE684457//Ctk/3/Brule NS14/NS25//2*Vona TAM-107 H15A13333/3/5*Led/Egl//Sage/4/TAM-105 TAM-101/OK79286//Csm Csm*3/3/Ntn/Largo//Csm Century sib/Csm NS14/NS603//Newton/3/PB835 TAM-106/Collin Thunderbird//Payne/Collin Scout 66 Kharkof	NE87615 C0850061 PI495594 KS87H6 OK87630 OK87W663 OK87542 C0850034 TX86D1332 TX86D1310 CI13996 CI1442	30 21 3 27 6 4 5 20 18 17 2	3462 5 3447 6 3649 2 3464 4 3670 1 3555 3 3367 7 3170 8 3000 10 3145 9 2142 11 1748 12	2818 3 2555 7 2136 8 2936 1 2695 6 2042 10 2774 5 1852 11 2834 2 2797 4 2118 9 1013 12	2499 1 2060 6 2366 2 2294 3 2119 5 1813 1 1938 9 1713 1 1987 8 1994 7 2207 4 1637 1	2319 5 2808 1 2025 10 0 1716 12 2172 8 1 1858 11 2186 7 2301 6 2500 3	2888 1 2632 3 2618 5 2875 2 2627 4 2281 9 2563 6 2148 11 2502 8 2559 7 2242 10 1620 12
	MEAN LSD(.05) C.V.		3152 957 12.0	2381 998 18.5	2052 N.S. 18.2	2265 N.S. 14.4	2463 677 15.5

Table 5. Continued.

C.I. OR SEL. NO,	ENTRY:			LAHO OKLAH			WELL HOMA	OKLAH STATE		AKR		JULESB COLOR		: WALS		: COLOF	
NE87615 C0850061 PI495594 KS87H6 0K87630 0K87863 0K87542 C0850034 TX86D1332 TX86D1310 CI13996 CI1442	30 21 3 27 6 4 5 20 18 17 2	2998 2112 2261 3143 2655 2787 2802 2259 2846 2846 1857 1391	2 10 8 1 6 5 4 9 3 7 11	2769 2510 2812 2845 2943 2906 2940 2740 2276 2616 1805 1062	6 9 5 4 1 3 2 7 10 8 11 12	5561 5574 5559 5252 4957 5414 5022 5147 3951 3998 4380 2947	1 3 5 8 4 7 6 11 9	3776 3399 3544 3747 3519 3702 3588 3382 3024 3065 2681 1800	1 7 5 2 6 3 4 8 10 9 11	4310 4212 4135 4190 3654 3823 4167 3494 3556 3444 3932 2370	1 2 5 3 8 7 4 10 9 11 6 12	2429 2308 2281 2695 2396 1989 2488 1288 2584 2305 2135 1457	4 6 8 1 5 10 3 12 2 7 9	3690 3553 3242 3045 2947 2931 2766 3571 2726 2527 3009 2453	1 3 4 5 7 8 9 2 10 11 6 12	3476 3358 3219 3310 2999 2914 3140 2784 2955 2759 3025 2093	1 2 4 3 7 9 5 10 8 11 6
MEAN LSD(.05) C.V.		2474 823 9.9		2519 955 9.8		4814 816 5.3		3269 654 7.6		3774 858 8.1		2196 N.S. 13.1	-	3038 638 10.8		3003 N.S. 10.2	

Table 5. Continued.

C.I. OR SEL. NO.	ENTRY:	DALLAS TEXAS	PROSPER TEXAS	:	CHILLI - COTHE TEXAS	BUSHLAND (IRR.) TEXAS	:	BUSHLAND (DRYL.) TEXAS	:	TEXAS State M	EAN :	COLUM MISSO	
NE87615 C0850061 PI495594 KS87H6 0K87630 0K87663 0K87542 C0850034 TX86D1332 TX86D1310 CI13996 CI1442	30 21 3 27 6 4 5 20 18 17 2	1517 10 2167 8 2399 6 1904 9 2971 3 2756 5 2855 4 2314 7 3423 1 3331 2 937 11 363 12	1714 10 1799 9 2108 7 1915 8 2910 2 2480 5 2485 4 2356 6 2639 3 2939 1 1482 11 558 12		3729 3 4050 2 3690 4 3531 8 3653 6 3637 7 3663 5 4209 1 3014 11 3305 9 3207 10 2087 12	6536 5 6783 1 6692 3 5987 8 6277 6 6648 4 6029 7 6735 2 5028 10 5233 9 4622 11 3795 12		1881 7 2146 2 2316 1 1837 8 2014 4 2037 3 1678 11 1750 10 1837 9 1918 5 1884 6 996 12		3389 3441 3035 3565 3512 3342 3473 3188 3345 2426	9 5 4 10 1 2 7 7 3 8 6 11 11	899 1317 1837 1472 1681 1569 1754 1388 904 1134 1146 529	11 7 1 5 3 4 2 6 10 9 8 12
MEAN LSD(.05) C.V.		2209 620 12.4	2115 447 10.1		3481 986 9.3	5864 939 7.2		1858 530 15.9		3105 704 10.2		:	

^{*} Not included in regional averages.

Table 5. Continued.

C.I. OR SEL. NO.	ENTRY:	CLOV (IRR New Me	.)	: CLOV : (DRYL : NEW ME		: : FARMIN : NEW ME		: NEW ME			ERDEEN DAHO	:	CRAWFO SVILL IOWA	.E *
NE87615	30	5346	3	616	3	5298	4	3753	3	83	23 4		2668	9
CO850061	21	5817	2	433	5	6174	1	4141	1	97				
PI495594	3	6370	1	637	2	5383	3	4130	2	86	94 3		2850	8
KS87H6	27	5044	6	417	6	5 452	2	3638	4	70	57 10		3068	5
OK87630	6	4887	9	184	12	4586	8	3219	9	79	94 6		3838	2
OK87W663	4	4935	8	332	9	5060	5	3443	5	82	11 5			
OK87542	5	4249	10	355	8	4362	10	2989	11	76	34 7			
CO850034	20	5257	4	319	10	4650	7	3409	6	90	87 2			
TX86D1332	18	4942	7	437	4	4734	6	3371	7	73	71 8			
TX86D1310	17	5114	5	414	7	4377	9	3302	8	71	08 9			
CI13996	2	4154	11	755	1	4273	11	3061	10	63	34 12		1991	11
CI1442	1	3536	12	313	11	3980	12	2610	12	63	64 11		1328	12
MEAN		4971		438		4861		3423		78		_		
LSD(.05)		1157		N.S.		N.S.		805			28			
C.V.		17.5		53.5		13.5		18.1		17	.4			

^{*} Not included in regional averages.

Table 5. Concluded.

C.I. OR SEL. NO.	ENTRY:	HAYS KANSAS	MANHATTAN KANSAS	: COLB		GARDEN CITY KANSAS	KANSAS STATE MEAN	BROOKINGS S. DAKOTA	: REGIONAL : AVERAGE
NE87615 CO850061 PI495594 KS87H6 OK87630 OK87W663 OK87542 CO850034 TX86D1332 TX86D1310 CI13996 CI1442	30 21 3 27 6 4 5 20 18 17 2	3959 1 3738 2 3656 3 3582 5 3243 7 3623 4 3155 8 3489 6 2875 11 3099 10 3132 9 2273 12	3199 9 3468 5 3488 4 3232 8 3814 1 3517 3 3421 6 3723 2 3374 7 3074 10 2298 11 1246 12	5067 4927 4927 5121 4361 4231 4552 3976 4418 4114 4103 2538	2 3 4 1 7 8 5 11 6 9 10	4575 1 4321 2 3986 5 3972 6 3818 9 3891 8 3998 4 4041 3 3599 10 3455 11 3924 7 2905 12	3436 10 3364 11	3223 1 1160 11 1616 8 3037 2 1902 7 1487 9 2414 3 1110 12 2049 5 1957 6 2386 4 1416 10	3679 1 3649 2 3613 3 3532 4 3445 5 3409 6 3387 7 3338 8 3237 9 3214 10 2899 11 2105 12
MEAN LSD(.05) C.V.		3319 665 7.3	3145 835 13.2	4361 1166 5.7		3874 N.S. 7.2	3675 608 8.2	1991 1252 15.3	3291 352 13.6

Table 6. Mean yield, regression coefficient, correlation coefficient, and coefficient of determination from linear regression analysis of variety mean yield on nursery mean yield for the 45 entries in the 1991 Southern Regional Performance Nursery grown at 28 locations.

	: :	MEAN YIELD	:		:		:	COEFFICIENT
C.I. OR	:ENTRY:	OVER	:	REGRESSION	:	CORRELATION	:	0F
SEL. NO.	: NO. :	LOCATIONS	:	COEFFICIENT	:	COEFFICIENT	:	DETERMINATION
	<u>: : : : : : : : : : : : : : : : : : : </u>	KG/HA	:	<u>(B)</u>	;	<u>(R)</u>	:	(R²)
KSSB-369-7	24	3872		1.01		0.98		0.96
K556-369-7 WI88-083	2 4 39	3872 3769		1.00		0.98		0.95
W166-063 XH1231	38	3769 3762		1.22		0.98		0.96
XH1231 TX89V4138	36 15	3762 3723						0.96
121-3	43	3723 3709		1.17 1.12		0.98		0.93
121-3 T19-3	43 41	3709 3676		0.94		0.97		
	35					0.98		0.97
XH900	35 29	3652 3617		1.03		0.98		0.97
KS88H12-2		3617		1.21		0.99		0.97
HBC197F	26	3615		0.92		0.96		0.92
KSSB-192-3	25	3608		1.13		0.96		0.91
XH1514	38	3600		1.14		0.98		0.96
PI495594	3	3590		1.06		0.97		0.94
TX88V4635	12	3553		1.20		0.98		0.97
NE87615	30	3538		1.03		0.97		0.94
0850061	21	3530		1.11		0.97		0.95
TX88V5433	16	3517		0.81		0.95		0.90
Г Н 901	44	3514		0.84		0.98		0.96
ΓX88V5440	11	3506		0.89		0.95		0.91
(H1322	37	3501		0.82		0.96		0.93
NE88595	33	3481		1.13		0.98		0.96
KS88H12-1	28	3478		1.03		0.97		0.95
ГН902	45	3448		0.87		0.97		0.94
DK88767	7	3446		0.93		0.97		0.95
DK88W833	8	3440		1.14		0.94		0.89
TX88V4524	14	3436		0.94 -		0.97		0.94
KS87H6	27	3436		0.86		0.97		0.93
TX88V4636	9	3411		1.18		0.98		0.96
NE87451	32	3411		0.99		0.98		0.96
TX87V1613	13	3396		1.06		0.98		0.96
TX84V1418HF	10	3373		0.99		0.97		0.94
NE87409	31	3372		0.99		0.96		0.93
0K87630	6	3337		0.88		0.95		0.90
T67	42	3336		0.76		0.94		0.88
VI88-024	40	3310		0.95		0.99		0.97
0K87542	5	3306		0.93		0.97		0.95
NE88427	34	3272		0.92		0.93		0.87
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	22	3232		1.33		0.96		0.93
X86D1310	17	3232 3205		0.77		0.94		0.88
0860094	23	320 3 3204		1.30		0.96		0.91
	23 18	3204		0.78		0.94		0.89
TX86D1332				0.78		0.94		0.89
0K87W663	4	3186						
XX 10008	20	3097		1.03		0.94		0.89
CI13996	2	3002		0.82		0.95		0.90
X88D3424	19	2726		1.00		0.97		0.94
CI1442	1	2062		0.76		0.94		0.88

Table 7. Mean yield, regression coefficient, correlation coefficient, and coefficient of determination from linear regression analysis of variety mean yield on nursery mean yield for the 12 entries in the 1990 and 1991 Southern Regional Performance Nursery grown at 24 locations.

	: :	MEAN YIELD	:		:		:	COEFFICIENT
C.I. OR	:ENTRY:	OVER	:	REGRESSION	:	CORRELATION	:	OF
SEL. NO.	: NO. :	LOCATIONS	:	COEFFICIENT	:	COEFFICIENT	:	DETERMINATION
	<u>_: :</u>	KG/HA	:	(B)	:	(R)	:	(R ²)
NE87615	30	3679		1.07		0.97		0.94
CO850061	21	3649		1.25		0.97		0.95
PI495594	3	3613		1.14		0.98		0.95
KS87H6	27	3532		0.97		0.96		0.92
OK87630	6	3445		1,02		0.97		0.94
0K87W663	4	3409		1.10		0.97		0.94
OK87542	5 `	3387		0.97		0.97		0.94
C0850034	20	3338		1.17		0.97		0.93
TX86D1332	18	3237		0.87		0.96		0.92
TX86D1310	17	3214		0.86		0.96		0.91
CI13996	2	2899		0.81		0.92		0.85
CI1442	1	2105		0.77		0.92		0.84