

Table 19. Summary of mean yields (kg/ha) of 29 wheats grown in the 1996 Northern Regional Performance Nursery at 14 locations with state means and ranks.

VARIETY OR PEDIGREE	: : C.I. OR : SEL. NO.	: : ENTRY: : NO. :	: : PIERRE : S. DAKOTA	: : WINNER : S. DAKOTA	: : SOUTH : DAKOTA : STATE MEAN :
Rri/ND7571//Arapahoe	ND9257	12	4317 1	3073 28	3695 13
OK81306//SD82102/NWN	SD92191	9	3986 4	4311 3	4148 1
Rri/ND7656//Arapahoe	ND9274	14	3954 7	3486 23	3720 12
NE82651/Redland	SD92266	11	3685 13	3690 20	3688 14
Rri/ND7656//Arapahoe	ND9272	13	3407 16	3753 15	3580 18
SD76463-16//SD82195/SD82144	SD92227	10	4140 3	3914 10	4027 2
Rust resistant bulk (1B/1R)	AMQ3KF4B7A	29	3970 6	3365 24	3667 15
NWN/RRI	SD92174	8	3735 12	3515 22	3625 16
Rust resistant bulk (1B/1R)	AMP3JP4A7A	26	3896 8	3237 26	3566 19
Rust resistant bulk (1B/1R)	AMQ3NQ4A7D	28	3363 17	4102 4	3732 11
NE82419/Arapahoe	NE93554	18	3264 19	4647 1	3955 4
Colt/Rita	SD91192	5	3979 5	3885 11	3932 5
Quantum Hybrid Wheat	KNH1798	20	2955 25	3930 9	3442 22
Brule//BNT/CSM/3/Arap	SD92107	6	3414 15	3809 13	3611 17
Roughrider	ROUGH RIDER	2	3342 18	3694 19	3518 20
NE82419/Arapahoe	NE93613	19	3616 14	4044 6	3830 6
Redland/NE82419	NE92662	16	4266 2	3746 16	4006 3
Brule/Chisholm	SD89153	4	3766 11	3773 14	3769 10
Brule/T105//NE82651	SD92124	7	2959 24	4032 7	3495 21
Rust resistant bulk (1B/1R)	AMQ3KC4C7B	27	3782 10	3828 12	3805 7
NE82413/3/Newton sib/Agate//Sage sib	NE92652	17	3073 21	3744 17	3408 23
Quantum Hybrid Wheat	KNH1800	21	3042 23	4506 2	3774 9
Abilene	ABILENE	3	3856 9	3703 18	3779 8
MV11-85/Redland	NE92628	15	2372 27	4069 5	3220 25
Kharkof	KHARKOF	1	3073 21	3120 27	3097 27
PMN 5//Froid/Bez/3/HP394/Froid	MT88046	22	2780 26	3977 8	3378 24
A76327W-2-3T/A7457W-13-1-1T-2P	IDO467	24	3224 20	2999 29	3111 26
Lew/Tiber//Redwin	MT892042	23	1876 28	3336 25	2606 28
Sumner/Posavka-2	IDO483	25	11 29	3661 21	1836 29
	MEAN		3348	3757	3553
	LSD (.05)		1432	638	N.S.
	C.V.		26.2	10.4	19.2

Table 19. Continued.

	:	:	:	:	:	:	:	:	:	:	:	:	:
C.I. OR	:	ENTRY:	WASECA	:	ROSEMOUNT	:	MINNESOTA	:	WILLISTON	:	HETTINGER	:	NORTH
SEL. NO.	:	NO.	MINNESOTA	:	MINNESOTA	:	STATE MEAN	:	N. DAKOTA	:	N. DAKOTA	:	STATE MEAN
ND9257	12	5872	1	4302	2	5087	1	2723	1	4724	2	3723	1
SD92191	9	4020	7	3947	10	3984	6	1939	12	4138	16	3039	12
ND9274	14	4580	3	3347	20	3964	7	2479	3	3684	19	3081	9
SD92266	11	4234	6	4193	3	4213	2	1944	11	4186	13	3065	10
ND9272	13	4570	4	3770	13	4170	3	2179	7	4210	12	3194	7
SD92227	10	2870	14	4013	5	3442	11	2156	8	4820	1	3488	2
AMQ3KF4B7A	29	2687	16	3676	17	3181	18	2252	6	4234	6	3243	6
SD92174	8	3155	10	3958	8	3557	10	2120	9	4222	8	3171	8
AMP3JP4A7A	26	2361	19	4148	4	3254	16	1983	10	4676	3	3330	4
AMQ3NQ4A7D	28	1537	24	2235	27	1886	26	2383	5	4222	8	3302	5
NE93554	18	4366	5	3649	18	4007	4	1248	18	4234	6	2741	16
SD91192	5	2839	15	3999	6	3419	13	1920	13	4150	14	3035	13
XNH1798	20	2992	11	3850	11	3421	12	695	26	4210	11	2452	19
SD92107	6	2198	20	4483	1	3341	14	1253	17	4449	4	2851	14
ROUGH RIDER	2	3552	9	3949	9	3751	8	2507	2	4269	5	3388	3
NE93613	19	5526	2	2474	26	4000	5	1021	22	4222	10	2621	17
NE92662	16	2921	12	3681	16	3301	15	790	25	4138	15	2464	18
SD89153	4	1689	22	3744	14	2717	20	1720	14	3887	17	2803	15
SD92124	7	3654	8	3787	12	3720	9	1072	21	3707	18	2390	20
AMQ3KC4C7B	27	1547	23	3718	15	2633	22	2463	4	3636	20	3049	11
NE92652	17	2499	18	3963	7	3231	17	662	27	2966	22	1814	26
XNH1800	21	600	27	2106	28	1353	28	1269	16	2739	25	2004	23
ABILENE	3	2890	13	2484	25	2687	21	1326	15	2571	26	1948	24
NE92628	15	2595	17	3316	21	2956	19	826	24	2954	23	1890	25
KHARKOV	1	2158	21	2913	23	2536	23	1117	20	2918	24	2017	22
MT88046	22	855	26	3040	22	1948	25	1128	19	3349	21	2238	21
IDO467	24	122	28	2741	24	1431	27	857	23	1746	28	1302	28
MTS92042	23	1486	25	3351	19	2418	24	461	28	2559	27	1510	27
IDO483	25	0	29	1998	29	999	29	0	29	383	29	191	29
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MEAN		2772		3477		3124		1534		3662		2598	
LSD (.05)		1748		1133		1904		959		915		1060	
C.V.		38.6		19.9		28.9		44.2		15.3		25.9	

Table 19. Continued.

C.I. OR SEL. NO.	: ENTRY: : NO. :	SIDNEY : MONTANA :	MOCCASIN : MONTANA :	BOZEMAN : MONTANA :	LOMA* : MONTANA :	MONTANA : STATE MEAN :
ND9257	12	2850 3	2634 1	4943 14	2976 10	3476 2
SD92191	9	2584 7	2041 18	4920 15	2613 24	3182 8
ND9274	14	2900 1	2150 11	5237 5	2759 21	3429 3
SD92266	11	2876 2	2056 17	4896 16	2900 14	3276 4
ND9272	13	2505 9	2233 8	4970 12	2823 20	3236 6
SD92227	10	2246 14	1696 26	4981 11	3186 6	2974 18
AMQ3KF4B7A	29	2773 6	2036 19	4712 21	2881 16	3174 10
SD92174	8	2778 4	1996 21	4620 23	2979 9	3131 11
AMP3JP4A7A	26	2426 11	2059 16	4770 19	3260 5	3085 12
AMQ3NQ4A7D	28	2778 4	2404 3	5586 1	3490 1	3589 1
NE93554	18	1439 21	2095 14	4788 18	2735 22	2774 22
SD91192	5	2428 10	1752 25	4768 20	3064 8	2983 17
XNH1798	20	2308 13	2107 13	5308 4	3111 7	3241 5
SD92107	6	2166 15	2024 20	5349 3	2475 28	3180 9
ROUGH RIDER	2	2521 8	2111 12	3903 29	2911 11	2845 19
NE93613	19	1798 18	1981 22	4622 22	2571 27	2801 20
NE92662	16	1649 19	2234 7	5084 9	2909 12	2989 16
SD89153	4	2129 16	2272 5	5145 8	2635 23	3182 7
SD92124	7	2383 12	2181 9	4620 24	2468 29	3062 14
AMQ3KC4C7B	27	1323 24	1786 24	4369 26	2861 18	2493 25
NE92652	17	1625 20	2382 4	5185 6	2607 25	3064 13
XNH1800	21	972 25	2246 6	5183 7	3277 3	2800 21
ABILENE	3	682 27	1955 23	4539 25	2894 15	2392 27
NE92628	15	909 26	1410 28	4970 13	3472 2	2430 26
KHARKOF	1	1813 17	2483 2	3959 28	2901 13	2751 23
MT88046	22	1394 22	2087 15	4214 27	3274 4	2565 24
IDO467	24	1377 23	2158 10	5461 2	2879 17	2999 15
MT892042	23	541 28	1446 27	4831 17	2586 26	2273 28
IDO483	25	0 29	713 29	5019 10	2832 19	1911 29
MEAN		1937	2025	4860	2908	2933
LSD (.05)		999	614	512	N.S.	819
C.V.		36.5	18.6	6.4	17.8	18.7

* Not included in state or regional means.

Table 19. Concluded.

C.I. OR SEL. NO.	: ENTRY: NO.	: SIDNEY* NEBRASKA	: HEMING- FORD NEBRASKA	: AMES * IOWA	: LETHBRIDGE ALBERTA	: REGIONAL AVERAGE	:
ND9257	12	3611 23	3655 22	4479 2	1810 26	3718 1	
SD92191	9	4316 6	4363 5	4153 8	2782 5	3548 2	
ND9274	14	3540 24	3614 24	4163 7	2198 12	3421 3	
SD92266	11	4270 7	4278 7	4566 1	1574 28	3419 4	
ND9272	13	3904 14	3770 19	4284 4	2004 17	3397 5	
SD92227	10	3801 18	4444 4	3810 18	1946 21	3384 6	
AMQ3KF4B7A	29	4150 9	3272 28	3087 26	3210 2	3290 7	
SD92174	8	4122 11	3534 27	4243 5	2439 9	3279 8	
AMP3JP4A7A	26	3874 15	3923 16	4062 10	2592 7	3279 9	
AMQ3NQ4A7D	28	4247 8	4137 9	3050 27	3321 1	3279 10	
NE93554	18	4627 2	4134 10	3840 15	2162 14	3275 11	
SD91192	5	3617 22	4081 12	3904 14	2000 18	3255 12	
XNH1798	20	4378 5	4538 3	4102 9	2595 6	3226 13	
SD92107	6	4149 10	4027 14	4032 11	2165 13	3212 14	
ROUGH RIDER	2	3203 25	3577 26	3800 19	1855 25	3207 15	
NE93613	19	3820 17	3812 18	4391 3	2136 15	3205 16	
NE92662	16	3754 20	4260 8	4015 12	1964 20	3158 17	
SD89153	4	3870 16	4036 13	3480 22	2391 10	3141 18	
SD92124	7	3718 21	3671 21	3837 17	2135 16	3109 19	
AMQ3KC4C7B	27	4504 4	3649 23	3265 24	2835 4	2994 20	
NE92652	17	4572 3	3979 15	3840 15	1989 19	2915 21	
XNH1800	21	5050 1	4101 11	3114 25	3098 3	2715 22	
ABILENE	3	2634 28	4316 6	3672 20	1371 29	2699 23	
NE92628	15	3924 12	4588 2	4227 6	1676 27	2699 24	
KHARKOV	1	3048 27	3200 29	3379 23	2230 11	2635 25	
MT88046	22	3086 26	3862 17	3638 21	1930 22	2601 26	
IDO467	24	3756 19	3699 20	2865 28	2540 8	2448 27	
MTS92042	23	3907 13	3614 24	3931 13	1910 23	2310 28	
IDO483	25	2409 29	4846 1	2798 29	1909 24	1685 29	
MEAN		3857	3965	3794	2233	3052	
LSD (.05)		729	702	.	322	548	
C.V.		11.6	10.8	.	10.2	21.0	

* Not included in state or regional means.

Table 20. Summary of mean yields (kg/ha) and ranks of 29 wheats grown in the 1996 Northern Regional Performance Nursery at 5 locations for which a CV of 15.5 or less and a significant F test for entries were obtained.

C.I. OR SEL. NO.	: ENTRY: NO.	: HEMING- FORD NEBRASKA	: WINNER S. DAKOTA	: BOZEMAN MONTANA	: HETTINGER N. DAKOTA	: LETHBRIDGE ALBERTA	: REGIONAL AVERAGE
AMQ3NQ4A7D	28	4137 9	4102 4	5586 1	4222 8	3321 1	4274 1
XNH1798	20	4538 3	3930 9	5308 4	4210 11	2595 6	4116 2
SD92191	9	4363 5	4311 3	4920 15	4138 16	2782 5	4103 3
SD92227	10	4444 4	3914 10	4981 11	4820 1	1946 21	4021 4
NE93554	18	4134 10	4647 1	4788 18	4234 6	2162 14	3993 5
SD92107	6	4027 14	3809 13	5349 3	4449 4	2165 13	3960 6
XNH1800	21	4101 11	4506 2	5183 7	2739 25	3098 3	3925 7
SD89153	4	4036 13	3773 14	5145 8	3887 17	2391 10	3846 8
AMP3JP4A7A	26	3923 16	3237 26	4770 19	4676 3	2592 7	3840 9
NE92662	16	4260 8	3746 16	5084 9	4138 15	1964 20	3839 10
SD91192	5	4081 12	3885 11	4768 20	4150 14	2000 18	3777 11
NE93613	19	3812 18	4044 6	4622 22	4222 10	2136 15	3767 12
AMQ3KF4B7A	29	3272 28	3365 24	4712 21	4234 6	3210 2	3758 13
ND9272	13	3770 19	3753 15	4970 12	4210 12	2004 17	3741 14
SD92266	11	4278 7	3690 20	4896 16	4186 13	1574 28	3725 15
SD92174	8	3534 27	3515 22	4620 23	4222 8	2439 9	3666 16
AMQ3KC4C7B	27	3649 23	3828 12	4369 26	3636 20	2835 4	3663 17
NE92628	15	4588 2	4069 5	4970 13	2954 23	1676 27	3651 18
ND9274	14	3614 24	3486 23	5237 5	3684 19	2198 12	3644 19
ND9257	12	3655 22	3073 28	4943 14	4724 2	1810 26	3641 20
SD92124	7	3671 21	4032 7	4620 24	3707 18	2135 16	3633 21
NE92652	17	3979 15	3744 17	5185 6	2966 22	1989 19	3572 22
MT88046	22	3862 17	3977 8	4214 27	3349 21	1930 22	3466 23
ROUGH RIDER	2	3577 26	3694 19	3903 29	4269 5	1855 25	3460 24
ABILENE	3	4316 6	3703 18	4539 25	2571 26	1371 29	3300 25
IDO467	24	3699 20	2999 29	5461 2	1746 28	2540 8	3289 26
MTS92042	23	3614 24	3336 25	4831 17	2559 27	1910 23	3250 27
IDO483	25	4846 1	3661 21	5019 10	383 29	1909 24	3163 28
KHARKOF	1	3200 29	3120 27	3959 28	2918 24	2230 11	3085 29
MEAN		3965	3757	4860	3662	2233	3695
LSD (.05)		702	638	512	915	322	N.S.
C.V.		10.8	10.4	6.4	15.3	10.2	10.8

Table 21. Summary of mean yields (kg/ha) and ranks of 29 wheats grown in the 1996 Northern Regional Performance Nursery for 5 intra-regional production zones (after Peterson, 1992).

C.I. OR SEL. NO.	: : NO. :	: NORTH- CENTRAL PLAINS :	: NORTHERN HIGH PLAINS :	: NORTHERN PLAINS :	: NORTH- WEST PLAINS :	: NORTH- WEST PLAINS :	: REGIONAL AVERAGE :
NUMBER OF LOCATIONS	3	1	1	3	3	11	
ND9257	12	4416 1	3655 22	4724 2	3297 1	3129 12	3718 1
SD92191	9	4093 3	4363 5	4138 16	2836 7	3248 7	3548 2
ND9274	14	3804 8	3614 24	3684 19	3111 2	3195 8	3421 3
SD92266	11	4039 4	4278 7	4186 13	2835 8	2842 22	3419 4
ND9272	13	4031 5	3770 19	4210 12	2697 12	3069 14	3397 5
SD92227	10	3599 10	4444 4	4820 1	2848 5	2874 21	3384 6
AMQ3KF4B7A	29	3242 19	3272 28	4234 6	2999 3	3319 5	3290 7
SD92174	8	3543 13	3534 27	4222 8	2878 4	3018 15	3279 8
AMP3JP4A7A	26	3249 18	3923 16	4676 3	2768 11	3140 11	3279 9
AMQ3NQ4A7D	28	2625 25	4137 9	4222 8	2841 6	3770 1	3279 10
NE93554	18	4221 2	4134 10	4234 6	1984 21	3015 16	3275 11
SD91192	5	3574 12	4081 12	4150 14	2776 10	2840 23	3255 12
XNH1798	20	3590 11	4538 3	4210 11	1986 20	3337 4	3226 13
SD92107	6	3497 14	4027 14	4449 4	2278 15	3179 10	3212 14
ROUGH RIDER	2	3732 9	3577 26	4269 5	2790 9	2623 27	3207 15
NE93613	19	4015 6	3812 18	4222 10	2145 17	2913 19	3205 16
NE92662	16	3449 15	4260 8	4138 15	2235 16	3094 13	3158 17
SD89153	4	3069 20	4036 13	3887 17	2538 13	3269 6	3141 18
SD92124	7	3824 7	3671 21	3707 18	2138 18	2979 18	3109 19
AMQ3KC4C7B	27	3031 21	3649 23	3636 20	2523 14	2997 17	2994 20
NE92652	17	3402 16	3979 15	2966 22	1787 24	3185 9	2915 21
XNH1800	21	2404 27	4101 11	2739 25	1761 26	3509 2	2715 22
ABILENE	3	3026 22	4316 6	2571 26	1954 22	2622 28	2699 23
NE92628	15	3327 17	4588 2	2954 23	1369 27	2685 26	2699 24
KHARKOV	1	2730 23	3200 29	2918 24	2001 19	2890 20	2635 25
MT88046	22	2624 26	3862 17	3349 21	1767 25	2744 24	2601 26
IDO467	24	1954 28	3699 20	1746 28	1819 23	3386 3	2448 27
MTS92042	23	2724 24	3614 24	2559 27	959 28	2729 25	2310 28
IDO483	25	1886 29	4846 1	383 29	4 29	2547 29	1685 29
MEAN		3335	3965	3662	2273	3040	3052
LSD (.05)		N.S.	702	915	701	614	548
C.V.		23.1	10.8	15.3	34.1	10.2	21.0

Table 22. Summary of mean yields (kg/ha) and ranks for 11 wheats grown in the Northern Regional Performance Nursery at 11 locations in 1995 and 1996 with state means and ranks.

VARIETY OR PEDIGREE	C.I. OR SEL. NO.	ENTRY: NO.	PIERRE S. DAKOTA	WINNER S. DAKOTA	SOUTH DAKOTA STATE MEAN
Rri/ND7571//Arapahoe	ND9257	12	3499 3	2663 9	3081 6
Rri/ND7656//Arapahoe	ND9272	13	3128 7	3078 5	3103 5
Quantum Hybrid Wheat	XNH1798	20	2383 10	3597 2	2990 8
Rri/ND7656//Arapahoe	ND9274	14	3139 6	2948 7	3044 7
Redland/NE82419	NE92662	16	3839 1	3573 3	3706 1
Brule/Chisholm	SD89153	4	3398 4	3054 6	3226 4
MV11-85/Redland	NE92628	15	3156 5	3819 1	3487 3
ABILENE	ABILENE	3	3543 2	3479 4	3511 2
ROUGH RIDER	ROUGH RIDER	2	2396 9	2271 11	2334 11
PMN 5//Froid/Bez/3/HP394/Froid	MT88046	22	2912 8	2928 8	2920 9
KHARKOF	KHARKOF	1	2353 11	2385 10	2369 10
MEAN			3068	3072	3070
LSD(.05)			N.S.	N.S.	N.S.
C.V.			22.6	11.6	18.0

Table 22. Continued.

C.I. OR SEL. NO.	ENTRY: NO.	SIDNEY MONTANA	MOCCASIN MONTANA	BOZEMAN MONTANA	MONTANA STATE MEAN	WILLISTON N. DAKOTA	HETTINGER N. DAKOTA	NORTH DAKOTA STATE MEAN
ND9257	12	3568 1	2915 2	5927 7	4137 2	2787 1	4243 2	3515 1
ND9272	13	3416 3	2823 3	5796 9	4012 4	2381 4	4084 4	3232 2
XNH1798	20	3235 5	2957 1	7075 1	4422 1	1718 7	4155 3	2937 7
ND9274	14	3450 2	2539 6	6177 5	4055 3	2531 2	3853 6	3192 3
NE92662	16	3017 7	2332 9	6626 2	3992 6	1706 8	4391 1	3048 5
SD89153	4	3055 6	2777 4	6186 3	4006 5	2007 6	4026 5	3017 6
NE92628	15	2471 10	1958 11	6178 4	3536 9	1701 9	3853 7	2777 8
ABILENE	3	2396 11	2380 8	6007 6	3594 8	2095 5	2694 11	2394 10
ROUGH RIDER	2	3246 4	2132 10	4991 10	3456 10	2529 3	3673 8	3101 4
MT88046	22	2500 9	2605 5	5908 8	3671 7	1685 10	3392 9	2539 9
KHARKOF	1	2628 8	2436 7	4654 11	3239 11	1571 11	3003 10	2287 11
MEAN		2998	2532	5957	3829	2064	3761	2913
LSD(.05)		N.S.	N.S.	1136	N.S.	N.S.	N.S.	N.S.
C.V.		19.3	20.2	7.0	13.8	20.2	17.0	18.6

Table 22. Concluded.

C.I. OR SEL. NO.	: ENTRY: NO.	: WASECA MINNESOTA	: ROSEMOUNT MINNESOTA	: MINNESOTA STATE MEAN	: SIDNEY* NEBRASKA	: LETHBRIDGE ALBERTA	: REGIONAL AVERAGE	:
ND9257	12	4963 1	4209 1	4586 1	4405 5	2828 6	3760 1	
ND9272	13	4292 2	4196 3	4244 2	4672 4	3406 4	3660 2	
XNH1798	20	3560 7	4042 4	3801 5	5386 1	3652 1	3637 3	
ND9274	14	4260 3	3816 7	4038 3	4240 7	3521 3	3623 4	
NE92662	16	3728 4	4207 2	3967 4	5061 2	2810 8	3623 5	
SD89153	4	2697 9	3867 5	3282 9	4255 6	3525 2	3459 6	
NE92628	15	3728 5	3827 6	3777 6	4716 3	2512 11	3320 7	
ABILENE	3	3440 8	3128 10	3284 8	3961 9	2641 9	3180 8	
ROUGH RIDER	2	3718 6	3723 8	3720 7	3199 10	2609 10	3129 9	
MT88046	22	2412 11	3493 9	2953 10	4023 8	2817 7	3065 10	
KHARKOF	1	2508 10	2849 11	2678 11	2572 11	2875 5	2726 11	
MEAN		3573	3760	3666	4226	3018	3380	
LSD(.05)		N.S.	N.S.	N.S.	N.S.	N.S.	N.S.	
C.V.		23.0	14.7	19.1	11.7	13.5	16.5	

* Not included in state or regional means.

Table 23. 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 29 entries in the 1996 Northern Regional Performance Nursery grown at 11 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)
ND9257	12	3718	0.69	0.34	1090385
SD92191	9	3548	0.94	0.90	113274
ND9274	14	3421	0.73	0.61	398692
SD92266	11	3419	0.95	0.75	346143
ND9272	13	3397	0.84	0.72	326381
SD92227	10	3384	1.11	0.88	206368
AMQ3KF4B7A	29	3290	0.68	0.72	210149
SD92174	8	3279	0.77	0.85	124303
AMP3JP4A7A	26	3279	0.91	0.80	238307
AMQ3NQ4A7D	28	3279	0.85	0.56	665915
NE93554	18	3275	1.15	0.81	365501
SD91192	5	3255	1.01	0.91	113027
XNH1798	20	3226	1.21	0.92	152287
SD92107	6	3212	1.22	0.91	173913
ROUGH RIDER	2	3207	0.65	0.68	240289
NE93613	19	3205	0.99	0.53	1019779
NE92662	16	3158	1.26	0.93	132887
SD89153	4	3141	1.04	0.88	178743
SD92124	7	3109	0.94	0.85	180534
AMQ3KC4C7B	27	2994	0.85	0.69	387726
NE92652	17	2915	1.18	0.91	164831
XNH1800	21	2715	1.11	0.60	960527
ABILENE	3	2699	1.12	0.79	392933
NE92628	15	2699	1.34	0.92	187819
KHARKOF	1	2635	0.71	0.88	79988
MT88046	22	2601	1.03	0.78	342080
IDO467	24	2448	1.08	0.57	1006689
MTS92042	23	2310	1.24	0.88	246288
IDO483	25	1685	1.40	0.53	2026007

Table 24. Mean yield, regression coefficient, coefficient of determination, and mean square deviations from regression from linear regression analysis of variety mean yield on nursery mean yield for the 11 entries in the 1995 and 1996 Northern Regional Performance Nursery grown at 10 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)
ND9257	12	3760	0.84	0.69	516178
ND9272	13	3660	0.90	0.89	156404
XNH1798	20	3637	1.27	0.91	248083
ND9274	14	3623	0.93	0.87	213611
NE92662	16	3623	1.22	0.92	202039
SD89153	4	3459	1.01	0.89	196042
NE92628	15	3320	1.14	0.81	513239
ABILENE	3	3180	1.07	0.85	334348
ROUGH RIDER	2	3129	0.80	0.72	407744
MT88046	22	3065	1.10	0.85	333963
KHARKOF	1	2726	0.72	0.88	116894