

Table 19. Summary of mean yields (kg/ha) of 29 wheats in the 1994 Northern Regional Performance Nursery at 15 locations with state means and ranks.

C.I. OR SEL. NO.	: : ENTRY: : NO. :	LINCOLN : NEBRASKA :	NORTH : PLATTE :	SIDNEY : NEBRASKA :	HEMING- : FORD :	NEBRASKA : NEBRASKA :	WASECA : MINNESOTA :	ROSEMOUNT : MINNESOTA :	MINNESOTA : STATE MEAN :
XNH1772	25	4330 3	4209 3	.	.	4269 1	5289 1	6764 2	6027 1
XNH1727	24	4072 6	3941 8	4798 2	3297 22	4027 7	4601 5	6824 1	5712 2
XNH1564	23	4415 2	4045 5	.	.	4230 2	4541 6	6511 3	5526 3
NE90625	18	4107 4	4455 1	4472 4	3661 11	4174 3	4443 10	5545 13	4994 10
NE91562	20	3892 11	3639 15	4461 5	3587 13	3895 9	4786 2	5947 7	5366 4
NE91648	22	4491 1	3973 7	4354 6	3573 14	4098 5	4539 7	5991 6	5265 6
NE91631	21	3649 17	3691 13	4788 3	3324 21	3863 11	4153 17	6086 4	5120 8
NE90616	19	3779 15	3760 12	4310 8	3485 18	3834 12	4771 3	5756 9	5263 7
XNH-2	27	4036 7	3536 19	.	.	3786 16	3772 23	5249 19	4511 22
SD89205	9	3846 13	4165 4	4928 1	3480 19	4105 4	4187 16	5706 11	4947 11
SD89119	4	3965 9	3690 14	3737 21	3874 3	3816 13	4232 15	5833 8	5033 9
ND8889	13	3866 12	3584 18	4137 13	3448 20	3759 18	4233 14	5378 16	4806 15
SD89333	5	4102 5	4010 6	4304 9	3704 8	4030 6	3874 21	5068 23	4471 23
SD89153	6	3642 18	3432 22	4337 7	3691 9	3775 17	3925 19	5733 10	4829 14
XNH-1	26	3573 21	3777 11	.	.	3675 21	4234 13	5252 18	4743 17
ND8955	12	3619 20	3822 10	4052 15	3487 17	3745 19	4611 4	6069 5	5340 5
SD89186	8	3628 19	3828 9	3970 17	3785 5	3803 14	3861 22	5583 12	4722 18
SD89180	7	3806 14	3603 16	4037 16	3730 6	3794 15	3687 24	5411 14	4549 21
ND9064	17	3556 23	3471 21	3899 19	3232 23	3540 23	4534 8	5326 17	4930 12
PI511307	3	3775 16	4230 2	4122 14	3942 2	4017 8	3319 27	5043 24	4181 26
ND8933	11	3343 26	3512 20	3896 20	2903 25	3413 27	4517 9	5247 20	4882 13
ND8974	15	3502 25	3216 23	3612 22	3494 16	3456 25	3919 20	5386 15	4653 19
HBC197F	10	3969 8	3590 17	4261 11	3666 10	3872 10	3423 26	5106 22	4265 25
CI17439	2	3224 29	3134 25	3522 23	3953 1	3458 24	4280 12	5234 21	4757 16
ND90109	14	3532 24	3209 24	3926 18	3807 4	3619 22	4091 18	4584 27	4338 24
ND9043	16	3341 27	2900 28	3048 25	3202 24	3122 29	4436 11	4775 25	4605 20
IDO355HW	29	3946 10	3028 27	4212 12	3651 12	3709 20	2241 28	3772 28	3006 28
CI1442	1	3568 22	3062 26	3200 24	3718 7	3387 28	3536 25	4650 26	4093 27
IDO426	28	3312 28	2556 29	4279 10	3551 15	3424 26	1553 29	3034 29	2294 29
MEAN		3789	3623	4107	3570	3767	4055	5409	4732
LSD (.05)		545	577	557	N.S.	425	556	723	642
C.V.		8.8	9.8	8.3	9.8	9.0	8.4	8.2	8.3

Table 19. Continued.

C.I. OR SEL. NO.	ENTRY: NO.	BROOKINGS S. DAKOTA	PIERRE S. DAKOTA	WINNER S. DAKOTA	SOUTH DAKOTA STATE MEAN	WILLISTON N. DAKOTA	CASSELTON N. DAKOTA	NORTH DAKOTA STATE MEAN
XNH1772	25	2206 6	2560 15	4508 4	3091 1	4433 1	4538 2	4486 1
XNH1727	24	1204 26	2659 14	4817 1	2893 5	4018 4	4309 5	4164 2
XNH1564	23	1345 23	2728 11	3768 10	2614 17	3917 5	3802 13	3860 9
NE90625	18	1414 21	2739 9	4598 3	2917 3	3754 14	4440 4	4097 5
NE91562	20	1349 22	2015 28	4788 2	2718 12	3537 21	4725 1	4131 4
NE91648	22	1466 19	1876 29	4470 5	2604 18	3775 11	4504 3	4140 3
NE91631	21	1459 20	2538 16	3788 8	2595 19	3760 13	3666 15	3713 14
NE90616	19	1652 16	2697 13	3508 14	2619 16	3619 17	3950 9	3784 12
XNH-2	27	1335 24	2730 10	3217 21	2427 23	4027 3	4008 8	4018 6
SD89205	9	1903 11	2526 17	3241 20	2557 20	3537 22	3625 16	3581 17
SD89119	4	1816 13	2912 5	4008 6	2912 4	3538 20	3939 10	3738 13
ND8889	13	2282 4	2724 12	3853 7	2953 2	3882 6	3012 22	3447 19
SD89333	5	1908 10	2818 8	2694 26	2473 22	3589 18	4020 7	3804 11
SD89153	6	2284 2	2898 6	3268 18	2817 9	3721 15	3922 11	3822 10
XNH-1	26	968 29	2874 7	3398 16	2414 24	3761 12	2585 26	3173 25
ND8955	12	2242 5	2513 19	3508 14	2754 10	3517 23	2715 25	3116 26
SD89186	8	1883 12	2224 26	3786 9	2631 15	3853 9	4097 6	3975 7
SD89180	7	1654 15	3150 1	3723 11	2842 7	3069 28	3561 18	3315 22
ND9064	17	2197 8	3015 3	3313 17	2842 8	3799 10	2766 24	3283 24
PI511307	3	1280 25	2204 27	2721 25	2068 27	4105 2	3753 14	3929 8
ND8933	11	2598 1	2354 22	3663 12	2872 6	3575 19	3565 17	3570 18
ND8974	15	1930 9	2410 21	3250 19	2530 21	3871 7	3541 19	3706 15
HBC197F	10	1537 18	2340 24	3190 22	2356 26	3496 24	3243 21	3370 20
CI17439	2	2284 2	2972 4	2905 24	2721 11	3392 26	3821 12	3606 16
ND90109	14	1773 14	2515 18	3645 13	2644 14	3142 27	2551 28	2846 28
ND9043	16	1636 17	2352 23	3125 23	2371 25	3429 25	3303 20	3366 21
IDO355HW	29	998 28	2430 20	1511 29	1646 29	3867 8	2125 29	2996 27
CI1442	1	2204 7	3100 2	2681 27	2662 13	2649 29	2582 27	2616 29
IDO426	28	999 27	2253 25	1885 28	1712 28	3707 16	2891 23	3299 23
MEAN		1717	2591	3477	2595	3667	3571	3619
LSD(.05)		761	N.S.	1452	N.S.	591	932	N.S.
C.V.		26.8	25.5	25.6	26.7	11.5	16.0	13.4

Table 19. Concluded.

C.I. OR SEL. NO.	ENTRY: NO.	SIDNEY MONTANA	BOZEMAN MONTANA	MONTANA STATE MEAN	ARCHER WYOMING	LETHBRIDGE ALBERTA	REGIONAL AVERAGE
KNH1772	25	3953 11	5916 9	4935 8	1085 19	4792 8	4199 1 *
KNH1727	24	4209 2	6467 4	5338 2	1520 1	4605 10	4089 2
KNH1564	23	3832 14	6515 3	5174 3	1352 7	4808 7	3968 3 *
NE90625	18	4072 4	5174 17	4623 14	1224 10	4214 18	3888 4
NE91562	20	3789 15	5576 12	4683 12	1085 19	4589 12	3851 5
NE91648	22	3656 17	5341 14	4499 16	1139 13	4586 13	3849 6
NE91631	21	3947 12	6112 7	5029 7	982 24	5110 3	3804 7
NE90616	19	3634 19	5907 10	4770 10	1116 16	4943 5	3792 8
KNH-2	27	4061 5	6276 5	5169 4	1352 6	5257 1	3758 9 *
SD89205	9	3552 21	5337 15	4444 19	1083 21	4641 9	3717 10
SD89119	4	3484 24	5059 20	4272 23	1123 14	4470 16	3712 11
ND8889	13	4057 6	5698 11	4878 9	894 27	4573 14	3708 12
SD89333	5	3365 27	5958 8	4661 13	1251 9	4595 11	3684 13
SD89153	6	3992 9	4948 22	4470 18	1397 4	4056 22	3683 14
KNH-1	26	4302 1	6723 1	5512 1	1399 3	5023 4	3682 15 *
ND8955	12	4039 8	5446 13	4743 11	926 26	4527 15	3673 16
SD89186	8	3717 16	4641 26	4179 25	1202 11	3963 25	3601 17
SD89180	7	3914 13	4778 24	4346 21	1103 17	4097 21	3555 18
ND9064	17	4054 7	4932 23	4493 17	1370 5	3778 27	3549 19
PI511307	3	3371 26	5225 16	4298 22	1401 2	4243 17	3516 20
ND8933	11	3542 23	4772 25	4157 26	1121 15	3830 26	3496 21
ND8974	15	3984 10	5033 21	4509 15	894 27	4181 19	3482 22
HBC197F	10	3280 28	5098 19	4189 24	1316 8	4055 23	3438 23
CI117439	2	3648 18	4255 27	3952 27	928 25	3738 28	3419 24
ND90109	14	3570 20	5167 18	4368 20	874 29	4139 20	3368 25
ND9043	16	3464 25	4012 28	3738 28	1004 23	4022 24	3203 26
IDO355HW	29	4081 3	6200 6	5141 5	1027 22	4904 6	3199 27
CI11442	1	3136 29	3864 29	3500 29	1170 12	3512 29	3109 28
IDO426	28	3552 21	6641 2	5096 6	1089 18	5247 2	3103 29
MEAN		3768	5416	4592	1153	4431	3619
LSD(.05)		519	481	N.S.	302	640	338
C.V.		9.8	5.4	7.6	16.0	8.8	12.5

* Not grown at all locations

Table 20. Summary of mean yields (kg/ha) and ranks of 29 wheats grown in the 1994 Northern Regional Performance Nursery at 9 locations from which a CV of 15.0 or less and a significant F test for entries were obtained.

C.I. OR SEL. NO.	: ENTRY: : NO. :	LINCOLN : NEBRASKA :	NORTH : PLATTE : NEBRASKA :	SIDNEY : NEBRASKA :	ROSEMOUNT : MINNESOTA :	WASECA : MINNESOTA :
XNH1772	25	4330 3	4209 3	. .	6764 2	5289 1
XNH1727	24	4072 6	3941 8	4798 2	6824 1	4601 5
XNH1564	23	4415 2	4045 5	. .	6511 3	4541 6
NE91631	21	3649 17	3691 13	4788 3	6086 4	4153 17
XNH-1	26	3573 21	3777 11	. .	5252 18	4234 13
XNH-2	27	4036 7	3536 19	. .	5249 19	3772 23
NE91648	22	4491 1	3973 7	4354 6	5991 6	4539 7
NE90616	19	3779 15	3760 12	4310 8	5756 9	4771 3
NE90625	18	4107 4	4455 1	4472 4	5545 13	4443 10
NE91562	20	3892 11	3639 15	4461 5	5947 7	4786 2
SD89205	9	3846 13	4165 4	4928 1	5706 11	4187 16
ND8955	12	3619 20	3822 10	4052 15	6069 5	4611 4
ND8889	13	3866 12	3584 18	4137 13	5378 16	4233 14
SD89333	5	4102 5	4010 6	4304 9	5068 23	3874 21
SD89119	4	3965 9	3690 14	3737 21	5833 8	4232 15
SD89153	6	3642 18	3432 22	4337 7	5733 10	3925 19
PI511307	3	3775 16	4230 2	4122 14	5043 24	3319 27
ND9064	17	3556 23	3471 21	3899 19	5326 17	4534 8
SD89186	8	3628 19	3828 9	3970 17	5583 12	3861 22
ND8974	15	3502 25	3216 23	3612 22	5386 15	3919 20
SD89180	7	3806 14	3603 16	4037 16	5411 14	3687 24
HBC197F	10	3969 8	3590 17	4261 11	5106 22	3423 26
IDO355HW	29	3946 10	3028 27	4212 12	3772 28	2241 28
ND8933	11	3343 26	3512 20	3896 20	5247 20	4517 9
ND90109	14	3532 24	3209 24	3926 18	4584 27	4091 18
CI17439	2	3224 29	3134 25	3522 23	5234 21	4280 12
IDO426	28	3312 28	2556 29	4279 10	3034 29	1553 29
ND9043	16	3341 27	2900 28	3048 25	4775 25	4436 11
CI1442	1	3568 22	3062 26	3200 24	4650 26	3536 25
MEAN		3789	3623	4107	5409	4055
LSD(.05)		545	577	557	723	556
C.V.		8.8	9.8	8.3	8.2	8.4

Table 20. Concluded.

C.I. OR SEL. NO.	: ENTRY: : NO. :	SIDNEY : MONTANA	: BOZEMAN : MONTANA	: WILLISTON : N. DAKOTA	: LETHBRIDGE : ALBERTA	: REGIONAL : AVERAGE	: :
XNH1772	25	3953 11	5916 9	4433 1	4792 8	4961 1 *	:
XNH1727	24	4209 2	6467 4	4018 4	4605 10	4837 2	:
XNH1564	23	3832 14	6515 3	3917 5	4808 7	4823 3 *	:
NE91631	21	3947 12	6112 7	3760 13	5110 3	4589 4	:
XNH-1	26	4302 1	6723 1	3761 12	5023 4	4580 5 *	:
XNH-2	27	4061 5	6276 5	4027 3	5257 1	4527 6 *	:
NE91648	22	3656 17	5341 14	3775 11	4586 13	4523 7	:
NE90616	19	3634 19	5907 10	3619 17	4943 5	4498 8	:
NE90625	18	4072 4	5174 17	3754 14	4214 18	4471 9	:
NE91562	20	3789 15	5576 12	3537 21	4589 12	4469 10	:
SD89205	9	3552 21	5337 15	3537 22	4641 9	4433 11	:
ND8955	12	4039 8	5446 13	3517 23	4527 15	4411 12	:
ND8889	13	4057 6	5698 11	3882 6	4573 14	4379 13	:
SD89333	5	3365 27	5958 8	3589 18	4595 11	4318 14	:
SD89119	4	3484 24	5059 20	3538 20	4470 16	4223 15	:
SD89153	6	3992 9	4948 22	3721 15	4056 22	4198 16	:
PI511307	3	3371 26	5225 16	4105 2	4243 17	4159 17	:
ND9064	17	4054 7	4932 23	3799 10	3778 27	4150 18	:
SD89186	8	3717 16	4641 26	3853 9	3963 25	4116 19	:
ND8974	15	3984 10	5033 21	3871 7	4181 19	4078 20	:
SD89180	7	3914 13	4778 24	3069 28	4097 21	4045 21	:
HBC197F	10	3280 28	5098 19	3496 24	4055 23	4031 22	:
IDO355HW	29	4081 3	6200 6	3867 8	4904 6	4028 23	:
ND8933	11	3542 23	4772 25	3575 19	3830 26	4026 24	:
ND90109	14	3570 20	5167 18	3142 27	4139 20	3929 25	:
CI17439	2	3648 18	4255 27	3392 26	3738 28	3825 26	:
IDO426	28	3552 21	6641 2	3707 16	5247 2	3765 27	:
ND9043	16	3464 25	4012 28	3429 25	4022 24	3714 28	:
CI1442	1	3136 29	3864 29	2649 29	3512 29	3464 29	:
MEAN		3768	5416	3667	4431	4261	:
LSD(.05)		519	481	591	640	413	:
C.V.		9.8	5.4	11.5	8.8	8.8	:

Not grown at all locations

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

C.I. OR SEL. NO.	:	:	NORTH- CENTRAL PLAINS	:	NORTHERN HIGH PLAINS	:	NORTHERN PLAINS	:	NORTH- WEST PLAINS	:	NORTH- WEST	:	REGIONAL AVERAGE	:
Number of sites		7			3		1		3		2		15	
XNH1772	25	4551	1	1085	29	4538	2	3649	1	5354	9	4199	1 *	
XNH1727	24	4243	2	3205	1	4309	5	3629	3	5536	7	4089	2	
XNH1564	23	4104	4	1352	28	3802	13	3493	9	5661	4	3968	3 *	
NE90625	18	4094	5	3119	5	4440	4	3522	8	4694	18	3888	4	
NE91562	20	4067	6	3044	8	4725	1	3114	24	5083	12	3851	5	
NE91648	22	4155	3	3022	10	4504	3	3103	25	4964	15	3849	6	
NE91631	21	3805	13	3031	9	3666	15	3415	12	5611	5	3804	7	
NE90616	19	3871	9	2970	13	3950	9	3316	16	5425	8	3792	8	
XNH-2	27	3524	21	1352	27	4008	8	3606	5	5767	3	3758	9 *	
SD89205	9	3842	11	3164	2	3625	16	3205	21	4989	13	3717	10	
SD89119	4	3924	8	2911	16	3939	10	3311	17	4765	16	3712	11	
ND8889	13	3866	10	2826	19	3012	22	3554	6	5136	11	3708	12	
SD89333	5	3610	18	3086	6	4020	7	3257	19	5276	10	3684	13	
SD89153	6	3714	16	3141	4	3922	11	3537	7	4502	22	3683	14	
XNH-1	26	3534	20	1399	26	2585	26	3645	2	5873	2	3682	15 *	
ND8955	12	3979	7	2822	20	2715	25	3356	14	4986	14	3673	16	
SD89186	8	3762	14	2986	11	4097	6	3264	18	4302	25	3601	17	
SD89180	7	3648	17	2957	15	3561	18	3378	13	4438	23	3555	18	
ND9064	17	3733	15	2834	18	2766	24	3623	4	4355	24	3549	19	
PI511307	3	3395	25	3155	3	3753	14	3227	20	4734	17	3516	20	
ND8933	11	3813	12	2640	24	3565	17	3157	23	4301	26	3496	21	
ND8974	15	3534	19	2667	23	3541	19	3422	11	4607	20	3482	22	
HBC197F	10	3469	24	3081	7	3243	21	3039	28	4576	21	3438	23	
CI17439	2	3510	22	2801	21	3821	12	3338	15	3997	28	3419	24	
ND90109	14	3472	23	2869	17	2551	28	3076	27	4653	19	3368	25	
ND9043	16	3369	26	2418	25	3303	20	3081	26	4017	27	3203	26	
IDO355HW	29	2583	28	2963	14	2125	29	3459	10	5552	6	3199	27	
CI1442	1	3283	27	2696	22	2582	27	2962	29	3688	29	3109	28	
IDO426	28	2223	29	2973	12	2891	23	3170	22	5944	1	3103	29	
MEAN		3678		2709		3571		3342		4924		3619		
LSD(.05)		511		296		932		478		574		338		
C.V.		13.1		10.4		16.0		14.0		7.0		12.5		

* Not grown at all locations

Table 22. Summary of mean yields (kg/ha) and ranks for 11 wheats grown in the Northern Regional Performance Nursery at 13 locations in 1993 and 1994 with state means and ranks.

C.I. OR SEL. NO.	ENTRY: NO.	NORTH PLATTE NEBRASKA	HEMING- FORD NEBRASKA	NEBRASKA STATE MEAN	PIERRE S. DAKOTA	WINNER S. DAKOTA	BROOKINGS S. DAKOTA	SOUTH DAKOTA STATE MEAN
NE90625	18	4348 1	4257 1	4302 1	4017 1	4533 1	1852 6	3468 1
ND8955	12	3656 5	3886 4	3771 5	3640 5	3763 5	2722 1	3375 3
SD89333	5	3737 3	4126 2	3931 2	3781 4	3286 7	1700 10	2922 8
ND8889	13	3623 6	4016 3	3820 4	3180 8	3827 3	2401 4	3136 4
SD89119	4	3712 4	3801 6	3756 6	3885 2	4072 2	2363 5	3440 2
ND90109	14	3483 7	3753 7	3618 7	3361 6	3768 4	1774 7	2968 7
PI511307	3	3925 2	3806 5	3865 3	3874 3	3727 6	1704 9	3102 5
ND8933	11	3450 8	3402 10	3426 8	3018 9	3239 8	2648 2	2968 6
CI17439	2	3193 9	3478 8	3335 9	3245 7	2944 9	2528 3	2906 9
CI1442	1	2940 10	3300 11	3120 10	2933 10	2650 10	1743 8	2442 10
IDO426	28	1981 11	3468 9	2725 11	2483 11	2110 11	607 11	1733 11
MEAN		3459	3754	3606	3402	3447	2020	2956
LSD(.05)		705	N.S.	N.S.	N.S.	1180	1089	N.S.
C.V.		10.1	8.9	9.5	17.9	17.2	27.4	19.7

Table 22. Continued.

C.I. OR SEL. NO.	ENTRY: NO.	WASECA MINNESOTA	ROSEMOUNT MINNESOTA	MINNESOTA STATE MEAN	WILLISTON N. DAKOTA	CASSELTON N. DAKOTA	NORTH DAKOTA STATE MEAN
NE90625	18	3061 3	4331 2	3696 2	3702 3	5072 1	4387 1
ND8955	12	3087 1	4562 1	3825 1	3695 5	3540 7	3617 7
SD89333	5	2494 8	3615 7	3054 7	3472 7	4510 2	3991 2
ND8889	13	2706 4	3899 5	3302 5	4004 1	3694 6	3849 4
SD89119	4	2643 6	4144 3	3394 4	3367 9	4123 3	3745 5
ND90109	14	2659 5	3629 6	3144 6	3411 8	3404 8	3408 9
PI511307	3	2158 9	3325 9	2742 9	3699 4	3363 9	3531 8
ND8933	11	3080 2	3926 4	3503 3	3813 2	4093 4	3953 3
CI17439	2	2542 7	3513 8	3028 8	3686 6	3737 5	3711 6
CI1442	1	2068 10	3071 10	2570 10	2984 10	2809 10	2897 10
IDO426	28	924 11	2030 11	1477 11	2659 11	1853 11	2256 11
MEAN		2493	3641	3067	3499	3654	3577
LSD(.05)		913	852	764	N.S.	N.S.	N.S.
C.V.		14.0	8.0	10.5	8.8	10.6	9.5

Table 22. Concluded.

C.I. OR SEL. NO.	ENTRY: NO.	SIDNEY MONTANA	BOZEMAN MONTANA	MONTANA STATE MEAN	ARCHER WYOMING	LETHBRIDGE ALBERTA	REGIONAL AVERAGE
NE90625	18	3335 3	4198 4	3766 4	2651 2	5158 3	3886 1
ND8955	12	3476 2	3937 6	3706 5	2380 4	5028 6	3644 2
SD89333	5	2927 9	5378 2	4152 2	2469 3	5383 2	3606 3
ND8889	13	3543 1	4330 3	3936 3	2209 8	5105 5	3580 4
SD89119	4	2966 8	3328 9	3147 9	2282 6	5125 4	3524 5
ND90109	14	3297 4	4093 5	3695 6	2339 5	4912 7	3376 6
PI511307	3	3055 6	3473 8	3264 7	2937 1	4629 8	3360 7
ND8933	11	2966 7	3477 7	3222 8	2004 10	4474 10	3353 8
CI17439	2	3080 5	2834 10	2957 10	2174 9	4526 9	3191 9
CI1442	1	2637 10	2786 11	2712 11	1929 11	4007 11	2758 10
IDO426	28	2487 11	5961 1	4224 1	2225 7	5732 1	2655 11
MEAN		3070	3981	3526	2327	4922	3359
LSD(.05)		N.S.	1219	N.S.	N.S.	476	501
C.V.		16.2	12.5	14.4	17.8	9.3	13.1

Table 23. Mean yield, regression coefficient, correlation coefficient, and coefficient of determination from linear regression analysis of variety mean yield on nursery mean yield for the 29 entries in the 1994 Northern Regional Performance Nursery grown at 15 locations.

C.I. OR SEL. NO.	: ENTRY: NO.	: 15 SITE REGIONAL AVERAGE KG/HA	: REGRESSION COEFFICIENT (b)	: CORRELATION COEFFICIENT (r)	: COEFFICIENT OF DETERMINATION (r ²)
XNH1772	25 *	4199	1.20	0.97	0.94
XNH1727	24	4089	1.27	0.96	0.92
XNH1564	23 *	3968	1.26	0.99	0.98
NE90625	18	3888	1.01	0.94	0.89
NE91562	20	3851	1.17	0.94	0.89
NE91648	22	3849	1.14	0.95	0.90
NE91631	21	3804	1.24	0.99	0.98
NE90616	19	3792	1.13	0.99	0.97
XNH-2	27 *	3758	1.12	0.96	0.93
SD89205	9	3717	1.05	0.97	0.95
SD89119	4	3712	0.97	0.97	0.94
ND8889	13	3708	1.01	0.97	0.95
SD89333	5	3684	0.99	0.95	0.91
SD89153	6	3683	0.86	0.97	0.94
XNH-1	26 *	3682	1.18	0.94	0.88
ND8955	12	3673	1.07	0.96	0.92
SD89186	8	3601	0.90	0.96	0.91
SD89180	7	3555	0.89	0.96	0.93
ND9064	17	3549	0.82	0.94	0.88
PI511307	3	3516	0.96	0.94	0.87
ND8933	11	3496	0.82	0.93	0.87
ND8974	15	3482	0.96	0.98	0.96
HBC197F	10	3438	0.92	0.98	0.95
CI17439	2	3419	0.77	0.91	0.82
ND90109	14	3368	0.91	0.95	0.91
ND9043	16	3203	0.80	0.93	0.87
IDO355HW	29	3199	1.02	0.80	0.633
CI1442	1	3109	0.62	0.87	0.76
IDO426	28	3103	0.98	0.73	0.54

* Not grown at all locations

Table 24. Mean yield, regression coefficient, correlation coefficient, and coefficient of determination from linear regression analysis of variety mean yield on nursery mean yield for the 11 entries in the 1993 and 1994 Northern Regional Performance Nursery grown at 13 locations.

	:	:	13 SITE	:	:	:	COEFFICIENT	:
	:	:	REGIONAL	:	REGRESSION	:	CORRELATION	:
C.I. OR	:	ENTRY:	AVERAGE	:	COEFFICIENT	:	COEFFICIENT	:
SEL. NO.	:	NO.	KG/HA	:	(b)	:	(r)	:
	:			:		:	(r ²)	:
NE90625		18	3886		1.09		0.92	
ND8955		12	3644		1.01		0.94	
SD89333		5	3606		1.12		0.92	
ND8889		13	3580		1.03		0.97	
SD89119		4	3524		1.07		0.95	
ND90109		14	3376		0.98		0.96	
PI511307		3	3360		1.05		0.89	
ND8933		11	3353		0.84		0.90	
CI17439		2	3191		0.91		0.90	
CI1442		1	2758		0.80		0.91	
IDO426		28	2655		1.10		0.70	