Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Lincoln, Nebraska Three Replications

Line/Selection No.	Entry No.	Yield kg/ha	Volume weight	Days to heading from 1/1
NE94482	13	5718	74.4	141
NE95656	20	5508	76.3	139
XH1872	27	5473	74.8	137
NE95473	18	5237	75.9	140
SD94149	9	5225	74.8	139
SD93338	7	5179	73.5	141
NE94654	16	5152	73.5	141
NE94479	12	5109	73.0	141
XH1881	26	5053	73.3	139
NE94655	15	4971	73.3	141
XNH1778	28	4913	73.3	139
N95L1224	22	4907	73.9	143
Abilene	3	4861	75.5	139
N95L1226	23	4742	73.9	144
SD93380	6	4692	74.5	141
XNH1824	25	4674	72.5	139
NE94653	14	4507	72.5	141
SD94241	11	4488	74.9	142
SD93528	8	4482	73.1	141
N95L1229	24	4350	73.5	144
N95L189	21	4289	72.8	143
SD94227	10	4226	75.3	142
SD93267	5	4143	76.2	140
NE95553	19	4053	71.3	141
SD92107	4	3876	75.3	143
NE94589	17	3825	75.5	142
Roughrider	2	2978	75.9	143
Kharkof	1	2431	76.9	143
mean		4568		
LSD (0.05)		840		
C.V. (%)		11.3		

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

North Platte, Nebraska Three Replications

Line/Selection No.	Entry No.	Yield kg/ha
NE94479	12	5251
XNH1824	25	5081
XH1872	27	4964
XH1881	26	4925
NE94653	14	4665
N95L1229	24	4358
N95L189	21	4336
SD94227	10	4256
N95L1226	23	4202
NE94655	15	4118
N95L1224	22	4084
SD94241	11	4050
SD93338	7	3996
NE94482	13	3950
NE95656	20	3931
SD93380	6	3910
SD94149	9	3771
XNH1778	28	3758
NE94654	16	3677
NE95473	18	3569
SD93528	8	3546
NE95553	19	3488
SD93267	5	3472
NE94589	17	3367
Abilene	3	3185
Roughrider	2	3049
SD92107	4	2847
Kharkof	1	2619
mean		3918
LSD (0.05)		997
C.V. (%)		15.6

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Sidney, Nebraska	Three Replications		
Line/Selection No.	Entry No.	Yield kg/ha	Volume weight
XH1881	26	5173	76.5
N95L1229	24	5026	79.1
XNH1778	28	4997	77.1
NE94482	13	4979	77.8
XNH1824	25	4974	78.3
N95L1226	23	4927	78.0
N95L189	21	4848	77.0
NE94654	16	4816	76.8
XH1872	27	4802	78.9
NE94589	17	4710	77.9
NE94653	14	4625	76.5
N95L1224	22	4622	78.6
NE94479	12	4595	77.9
SD94149	9	4502	79.6
NE94655	15	4487	77.7
Abilene	3	4462	80.5
NE95473	18	4453	78.0
NE95553	19	4435	75.3
SD93338	7	4419	77.7
SD94241	11	4407	78.7
SD93528	8	4382	74.7
SD93380	6	4359	78.4
SD92107	4	4267	74.7
SD93267	5	4196	78.9
SD94227	10	4098	73.3
Roughrider	2	3959	79.6
NE95656	20	3670	78.8
Kharkof	1	3619	79.1
mean		4513	
LSD (0.05)		750	
C.V. (%)		10.2	

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Alliance, Nebraska Three			
Line/Selection No.	Entry No.	Yield kg/ha	Volume weight
XH1881	26	7245	74.0
XNH1778	28	6864	73.8
XH1872	27	5836	75.1
NE94589	17	5651	74.7
NE94482	13	5633	68.2
XNH1824	25	5557	74.6
SD94227	10	5410	68.6
NE95473	18	5323	71.7
SD93267	5	5262	72.0
NE95553	19	5224	68.6
NE94654	16	5200	72.1
NE94653	14	5121	68.2
NE95656	20	5111	72.0
NE94479	12	5011	68.2
N95L189	21	4864	70.6
N95L1229	24	4753	72.8
SD93380	6	4722	72.4
SD94149	9	4667	70.4
SD93528	8	4591	70.7
NE94655	15	4400	70.8
N95L1224	22	4319	71.2
N95L1226	23	4227	73.3
SD93338	7	3999	72.5
SD92107	4	3657	68.9
Kharkof	1	3466	71.9
Roughrider	2	3376	73.7
SD94241	11	3300	73.1
Abilene	3	3074	72.6
mean		4901	
LSD (0.05)		1132	
C.V. (%)		14.2	

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Brookings, South Dakota Three Replications

Line/Selection No.	Entry No.	Yield kg/ha	Volume weight	Days to heading from 1/1	Plant height (cm)
NE94655	15	5077	76.4	147	79
N95L1229	24	5075	76.0	148	82
Roughrider	2	5019	76.0	150	98
N95L1226	23	5010	75.7	148	76
NE95473	18	4992	73.8	146	81
NE95553	19	4972	74.6	147	85
XH1872	27	4959	76.8	142	82
NE95656	20	4927	75.3	146	87
Abilene	3	4914	75.7	147	69
SD93528	8	4911	76.4	147	93
SD93267	5	4905	76.0	146	103
XNH1778	28	4896	76.8	146	85
NE94653	14	4885	78.6	147	85
NE94479	12	4864	75.7	147	86
SD92107	4	4817	75.3	147	90
Kharkof	1	4806	78.9	149	108
NE94482	13	4790	79.3	147	88
SD94227	10	4770	78.9	147	90
NE94589	17	4721	77.8	148	86
SD94241	11	4708	71.3	147	85
NE94654	16	4656	77.5	146	85
N95L189	21	4651	76.4	148	84
N95L1224	22	4593	75.7	148	82
XH1881	26	4566	78.6	145	84
SD94149	9	4560	76.4	146	80
SD93380	6	4490	80.0	147	84
SD93338	7	4391	81.1	145	80
XNH1824	25	4248	77.8	147	79
mean		4799			
LSD (0.05)		476			
C.V. (%)		6.1			

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Dakota Lakes, South Dakota Three Replications

Line/Selection No.	Entry No.	Yield kg/ha	Volume weight	Days to heading from 1/1	Plant height (cm)	Lodging (0-9)
XH1872	27	6969	78.2	144	98	1
XNH1824	25	6938	78.2	147	101	2
XH1881	26	6797	75.7	147	105	3
Abilene	3	6373	81.1	153	91	1
SD93338	7	6165	79.3	146	99	2
N95L1226	23	5936	75.7	151	100	3
NE95473	18	5855	77.8	147	109	3
NE94479	12	5853	78.9	148	110	7
N95L189	21	5828	75.3	151	101	2
XNH1778	28	5748	75.3	147	109	6
NE94653	14	5736	77.1	149	105	3
N95L1229	24	5734	75.7	151	104	4
N95L1224	22	5550	79.3	150	104	4
SD93380	6	5508	77.1	147	103	3
NE94482	13	5416	76.4	151	113	4
SD94149	9	5169	78.2	149	103	7
SD93528	8	4757	77.8	149	114	9
NE95656	20	4483	78.6	149	112	7
NE94655	15	4481	78.6	150	111	3
SD92107	4	4273	78.2	150	114	5
SD94227	10	4158	79.3	150	117	6
SD93267	5	4080	80.0	145	119	7
NE95553	19	4066	75.3	149	112	7
NE94654	16	4008	73.8	148	106	7
SD94241	11	3979	75.3	150	111	8
NE94589	17	3681	77.5	150	111	8
Roughrider	2	3524	79.3	151	114	6
Kharkof	1	2751	78.6	150	117	9
mean		5133				
LSD (0.05)		851				
C.V. (%)		10.2				

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Winner, South Dakota Three Replications

Line/Selection No.	Entry No.	Yield kg/ha	Volume weight	Days to heading from 1/1	Plant height (cm)
XH1881	26	3685	74.6	141	84
XH1872	27	3640	74.6	140	83
NE94589	17	3096	72.4	143	92
SD94149	9	2910	76.0	143	85
XNH1778	28	2782	71.0	144	86
NE94654	16	2755	67.7	143	88
XNH1824	25	2744	73.8	142	82
Abilene	3	2697	76.8	142	77
NE94479	12	2668	70.2	144	92
NE95473	18	2652	71.0	143	86
NE94653	14	2625	68.4	146	88
SD93267	5	2585	74.2	142	107
N95L189	21	2446	70.2	147	85
SD94241	11	2443	73.5	147	92
NE94482	13	2387	68.8	145	90
N95L1226	23	2367	71.3	148	82
N95L1224	22	2363	72.4	148	87
SD94227	10	2360	71.7	146	95
SD93380	6	2316	69.1	143	85
NE95553	19	2307	64.8	145	91
N95L1229	24	2293	71.0	148	94
NE94655	15	2251	68.0	148	86
SD93528	8	2204	68.8	143	94
SD93338	7	2201	70.6	142	85
SD92107	4	2181	74.2	148	93
NE95656	20	2004	72.0	144	90
Kharkof	1	1587	72.4	150	104
Roughrider	2	1125	66.2	149	97
mean		2487			
LSD (0.05)		585			
C.V. (%)		14.4			

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Hettinger, North Dakota Three Replications

Line/Selection No.	Entry No.	Yield kg/ha	Volume weight	Days to heading from 1/1	Plant height (cm)
SD94241	11	5700	81.0	153	87
XNH1778	28	5553	82.0	151	81
SD94227	10	5083	82.3	153	86
SD93338	7	5056	81.9	152	73
SD93380	6	4788	81.8	152	74
XH1881	26	4761	82.0	152	71
SD94149	9	4694	82.2	153	73
SD92107	4	4641	78.6	158	81
Abilene	3	4574	83.0	152	69
N95L1229	24	4560	81.6	157	79
Roughrider	2	4547	81.4	160	85
XH1872	27	4547	81.9	149	71
N95L1226	23	4507	81.7	157	75
SD93528	8	4413	80.3	156	82
N95L1224	22	4346	81.5	157	74
XNH1824	25	4346	79.6	154	74
NE94653	14	4319	80.4	153	75
NE94654	16	4211	80.5	152	77
N95L189	21	4211	81.2	156	69
NE95656	20	4171	82.8	151	77
SD93267	5	4131	80.6	154	82
NE94482	13	4077	80.3	156	79
NE94479	12	4051	81.2	152	79
NE94655	15	4010	80.4	157	78
NE95553	19	3957	80.0	153	79
NE94589	17	3930	80.4	155	76
Kharkof	1	3890	81.6	159	99
NE95473	18	3595	80.9	151	67
mean		4452			
LSD (0.05)		584			
C.V. (%)		8.0			

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Williston, North Dakota Four Replications

Line/Selection No.	Entry No.	Yield kg/ha	Volume weight	Days to heading from 1/1	Plant height (cm)	tanspot / Septori
XNH1778	28	3874	81.5	176	58	20
NE94589	17	3777	79.7	177	54	13
SD94241	11	3554	81.9	178	67	3
SD93267	5	3521	82.0	176	64	20
SD94227	10	3501	81.5	177	58	18
Abilene	3	3446	82.3	176	52	25
NE95553	19	3398	79.2	177	58	13
XNH1824	25	3387	80.9	176	56	10
N95L1226	23	3381	81.5	177	54	18
NE94655	15	3378	81.5	177	56	15
N95L189	21	3341	80.9	177	54	18
N95L1229	24	3332	81.2	177	58	20
N95L1224	22	3311	81.7	178	55	33
SD93528	8	3309	80.9	177	60	10
Roughrider	2	3263	80.9	178	69	18
SD93338	7	3263	81.7	176	54	8
NE94479	12	3206	81.0	176	61	15
NE94482	13	3200	80.8	177	60	23
NE95656	20	3190	81.7	176	58	6
SD92107	4	3097	78.7	178	59	2
Kharkof	1	3090	81.1	179	77	10
XH1881	26	3082	82.1	176	54	23
SD94149	9	3068	83.3	176	54	35
NE94653	14	3042	80.4	176	57	8
NE94654	16	3025	80.2	176	55	20
SD93380	6	3006	80.5	176	56	15
XH1872	27	2973	81.7	174	53	28
NE95473	18	2756	80.8	175	55	8
mean		3289				
LSD (0.05)		300				
C.V. (%)		6.4				

*Percentage of flag leaf infected by tanspot and Septoria diseases.

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Archer, Wyoming Three Replications

Line/Selection No.	Entry No.	Yield kg/ha	Volume weight	Days to heading from 1/1	Plant height (cm)
XH1881	26	3013	75.6	154	52
NE94589	17	2946	76.6	159	58
XH1872	27	2854	77.1	152	52
N95L1226	23	2816	75.7	161	55
XNH1778	28	2816	75.7	159	55
XNH1824	25	2813	76.2	154	52
N95L189	21	2757	73.9	162	56
NE94654	16	2715	75.0	156	51
N95L1224	22	2715	75.8	160	55
NE94482	13	2643	76.3	158	52
NE95553	19	2634	73.2	158	55
NE95656	20	2609	77.1	156	53
SD94241	11	2524	75.9	160	55
SD93528	8	2508	76.2	157	53
SD93267	5	2479	76.7	152	58
SD93338	7	2446	77.3	154	51
NE94479	12	2437	76.9	157	52
SD94149	9	2432	77.4	155	51
SD94227	10	2412	75.8	155	53
NE94655	15	2309	76.3	160	49
NE94653	14	2284	75.3	158	50
N95L1229	24	2266	76.3	162	55
SD93380	6	2257	76.7	155	49
Kharkof	1	2246	77.8	162	60
NE95473	18	2206	75.6	155	52
Roughrider	2	2033	79.1	163	57
Abilene	3	1991	78.4	155	47
SD92107	4	1957	76.2	161	52
mean		2489			
LSD (0.05)		464			
C.V. (%)		11.4			

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Billings, Montana Four Replications

Line/Selection No.	Entry No.	Yield kg/ha	Days to heading from 1/1	Plant height (cm)
XH1872	27	7270	146	82
SD94149	9	7136	149	185
XH1881	26	6975	148	86
Abilene	3	6742	149	82
NE95473	18	6504	150	90
XNH1824	25	6498	150	91
NE95656	20	6473	151	106
N95L189	21	6412	151	92
NE94482	13	6375	151	92
NE94589	17	6327	152	98
NE95553	19	6326	151	104
SD93267	5	6319	152	107
NE94653	14	6301	151	91
NE94479	12	6264	150	94
SD94227	10	6141	151	102
N95L1229	24	6057	152	92
SD93338	7	6055	150	91
NE94654	16	6018	151	92
N95L1226	23	5843	152	90
NE94655	15	5839	151	94
XNH1778	28	5787	149	94
SD93528	8	5731	152	107
N95L1224	22	5601	151	91
SD94241	11	5395	151	102
SD93380	6	5325	151	102
SD92107	4	5156	152	97
Roughrider	2	4577	153	116
Kharkof	1	3114	153	122
mean		6037		
LSD (0.05)		1011		
C.V. (%)		11.8		

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Moccasin, Montana Three Replications

Line/Selection No.	Entry No.	Yield kg/ha	Volume weight	Days to heading from 1/1	Plant height (cm)
XNH1778	28	5489	79.3	161	80
XH1881	26	5265	78.2	161	77
XNH1824	25	5063	79.7	161	78
N95L189	21	5060	78.5	164	76
XH1872	27	5014	79.6	155	70
NE94654	16	4926	78.3	161	82
NE95553	19	4760	77.7	162	81
SD94227	10	4735	80.0	162	84
NE94589	17	4690	78.8	163	83
N95L1229	24	4578	78.3	164	80
SD94149	9	4569	80.8	161	81
SD93338	7	4561	79.7	162	79
N95L1224	22	4495	79.5	164	78
NE94655	15	4440	78.8	161	84
NE95656	20	4427	80.1	162	81
NE94653	14	4353	78.4	161	81
SD93380	6	4351	79.2	162	79
N95L1226	23	4312	78.5	164	75
NE94482	13	4202	79.2	162	84
Roughrider	2	4198	79.7	165	98
SD93267	5	4096	80.7	159	95
NE94479	12	4076	79.1	161	82
SD94241	11	4061	79.2	163	87
SD93528	8	4000	78.4	162	87
Abilene	3	3846	81.1	159	66
SD92107	4	3838	76.6	163	85
Kharkof	1	3699	79.0	164	103
NE95473	18	3480	78.9	159	77
mean		4418			
LSD (0.05)		525			
C.V. (%)		7.3			

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Bozeman, Montana Three Replications

Line/Selection No.	Entry No.	Yield kg/ha	Volume weight	Days to heading from 1/1	Plant height (cm)
XH1881	26	9235	81.2	161	91
XNH1824	25	9155	81.2	163	92
XNH1778	28	8904	81.3	162	93
XH1872	27	8814	82.3	159	88
N95L1226	23	8612	80.9	165	87
N95L189	21	8541	80.3	165	86
N95L1224	22	8491	81.5	164	92
N95L1229	24	8138	80.6	164	94
NE94653	14	8011	80.3	163	96
NE95553	19	8011	79.8	164	96
NE94654	16	7921	79.7	163	93
SD94227	10	7916	81.0	163	102
SD94149	9	7793	82.5	162	92
NE94589	17	7658	81.1	164	96
SD94241	11	7502	81.0	163	105
SD93338	7	7247	81.4	162	88
SD93380	6	7220	81.0	162	90
NE94655	15	7067	80.2	163	92
NE95656	20	7017	81.9	162	97
NE94482	13	6962	80.0	162	101
Abilene	3	6939	81.8	161	78
SD92107	4	6882	79.4	165	99
NE94479	12	6867	80.1	163	99
SD93528	8	6747	79.9	163	100
NE95473	18	6534	80.4	161	89
SD93267	5	6516	81.1	162	104
Roughrider	2	6504	81.2	169	114
Kharkof	1	5773	80.5	167	118
mean		7606			
LSD (0.05)		470			
C.V. (%)		3.8			

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Rosemount, Minnesota Three Replications

Line/Selection No.	Entry No.	Yield kg/ha	Volume weight	Days to heading from 1/1	Plant height (cm)	Protein content (%)	Leaf rust
LINE	ENTRY	KGHA	TWT	HDT	PHT	PROT	LR
NE94479	12	5549	76.4	145	100	11	20S
SD94227	10	5401	78.0	145	107	12	30S
XNH1824	25	5355	75.3	142	89	12	TR
N95L1226	23	5309	73.6	148	93	12	TR
SD93338	7	5140	77.3	145	93	12	DL
NE94482	13	5135	76.0	145	106	11	30S
NE94655	15	5109	76.6	144	94	11	5MS-S
XNH1778	28	5073	74.7	142	95	11	20S
N95L1229	24	5065	73.3	148	97	12	TR
NE94653	14	5045	76.0	144	97	11	5MS-S
XH1881	26	5013	76.2	140	92	11	10S
N95L189	21	4972	73.6	147	93	10	TR
NE94654	16	4962	74.6	143	95	11	10S
SD93267	5	4913	77.1	143	110	12	20S
SD93380	6	4907	76.9	144	92	11	DL,20S
NE94589	17	4870	76.9	144	107	11	30S
SD94241	11	4727	75.3	146	105	11	30S
SD94149	9	4702	76.0	143	95	12	DL
NE95656	20	4662	78.4	144	102	12	10MS-S
N95L1224	22	4646	74.0	148	95	11	TR
NE95473	18	4555	76.6	142	102	11	5MR-MS
SD93528	8	4536	75.6	144	111	12	20S
NE95553	19	4458	73.6	144	106	11	30S
Abilene	3	3810	76.7	143	82	11	DL
Roughrider	2	3676	76.7	147	116	12	40S
SD92107	4	3361	71.6	145	109	13	20S
XH1872	27	3113	76.6	139	87	11	DL
Kharkof	1	2605	74.6	146	118	13	DL,30S
mean		4667					
LSD (0.05)		720					
C.V. (%)		9.4					

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Waseca, Minnesota Three Replications

Line/Selection No.	Entry No.	Yield kg/ha	Volume weight	Days to heading from 1/1	Plant height (cm)
XH1881	26	3853	76.9	147	83
NE94653	14	3742	77.5	147	91
NE94479	12	3563	77.1	148	91
NE95656	20	3511	78.2	147	90
NE94655	15	3506	77.5	147	82
NE94482	13	3481	77.3	148	92
XNH1824	25	3469	76.7	147	81
NE95473	18	3402	77.8	146	95
XNH1778	28	3208	76.4	147	86
SD93528	8	3204	77.6	147	91
SD94227	10	3166	79.8	147	100
NE94654	16	3145	76.9	146	88
N95L189	21	3073	74.2	150	85
Abilene	3	3049	79.3	147	78
SD93338	7	3040	78.0	147	84
SD93380	6	2976	77.5	147	87
SD93267	5	2871	77.3	146	95
N95L1226	23	2835	76.6	151	83
NE95553	19	2791	75.3	148	87
SD94149	9	2757	79.3	146	80
N95L1224	22	2755	77.3	150	88
N95L1229	24	2708	76.6	150	86
XH1872	27	2640	76.6	147	82
SD94241	11	2498	77.6	149	89
SD92107	4	2363	75.1	148	88
NE94589	17	1978	76.9	148	90
Roughrider	2	1741	77.1	150	91
Kharkof	1	1048	75.6	150	93
mean		2941			
LSD (0.05)		570			
C.V. (%)		11.9			

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Ames, Iowa Two Replications

Line/Selection No.	Entry No.	Yield kg/ha	Volume weight	Days to heading from 1/1	Plant height (cm)	Powdery mildew (0-9)	Leaf rust (0-9)
XNH1824	25	4992	73.0	170	94	3	7
SD94227	10	4755	77.2	171	101	5	9
NE95656	20	4702	77.8	171	96	5	7
XH1872	27	4675	76.7	168	89	5	7
XH1881	26	4375	73.7	170	92	4	7
SD93528	8	3945	75.2	172	100	7	8
NE94653	14	3862	73.4	172	100	7	4
NE94655	15	3812	73.7	172	93	6	8
NE95473	18	3739	74.5	171	100	6	5
XNH1778	28	3659	73.0	171	91	6	8
N95L1229	24	3588	68.8	176	95	5	2
NE94654	16	3461	71.8	172	97	9	5
SD93267	5	3441	76.9	171	105	5	5
N95L1224	22	3340	68.2	177	96	3	2
NE94479	12	3299	73.4	173	100	5	5
SD93380	6	3237	73.9	172	97	8	8
SD94149	9	3138	73.2	172	94	3	7
NE94589	17	3132	72.0	174	100	7	8
Abilene	3	3107	77.3	170	86	9	7
NE94482	13	3054	71.6	174	101	8	5
N95L1226	23	3051	63.0	178	95	5	3
NE95553	19	2829	66.7	174	98	6	6
SD93338	7	2814	75.6	171	94	7	7
Roughrider	2	2739	75.0	175	105	7	8
N95L189	21	2635	63.3	178	94	7	2
SD92107	4	2532	69.2	176	102	6	4
SD94241	11	2032	69.6	175	101	5	8
Kharkof	1	1533	69.8	176	109	6	8
mean		3409					
LSD (0.05)		1050					
C.V. (%)		15.5					

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Lethbridge, Alberta		Four Replications		
Line/Selection No.	Entry No.	Yield kg/ha	Days to heading from 1/1	Plant height (cm)
N95L1224	22	6020	171	71
SD94149	9	5743	167	69
N95L1229	24	5369	171	70
N95L1226	23	5359	172	70
NE94655	15	5289	170	77
NE94482	13	5288	169	72
SD94227	10	4957	169	82
N95L189	21	4938	172	65
SD94241	11	4933	171	77
XNH1778	28	4794	166	70
SD92107	4	4770	171	83
NE95473	18	4746	168	67
SD93380	6	4711	170	69
XNH1824	25	4683	168	66
NE94479	12	4650	170	74
XH1881	26	4584	165	62
Abilene	3	4539	168	63
XH1872	27	4461	165	58
NE95656	20	4407	166	66
NE94653	14	4366	170	70
SD93338	7	4328	171	69
NE95553	19	4285	168	77
NE94589	17	4241	169	79
SD93528	8	4218	169	75
SD93267	5	4104	165	89
NE94654	16	3755	170	70
Kharkof	1	3489	171	108
Roughrider	2	3325	172	89
mean		4541		
LSD (0.05)		1123		
C.V. (%)		17.5		

Table 1. Yield and agronomic performance of 28 wheats grown in the 1998 NRPN.

Lind, Washington Four Replications

Line/Selection No.	Entry No.	Yield kg/ha	Volume weight	Days to heading from 1/1	Plant height (cm)	Protein content (%)
N95L189	21	5348	78.3	139	86	10.4
NE94482	13	5229	77.3	136	97	10.4
XNH1778	28	5203	76.6	136	90	9.2
SD94241	11	5170	79.7	139	100	10.5
XH1881	26	5121	79.4	134	91	9.0
NE95553	19	5092	76.6	133	98	9.8
N95L1229	24	5053	77.9	139	93	10.9
NE94653	14	4950	74.8	137	95	10.2
XNH1824	25	4937	78.3	132	86	9.1
N95L1226	23	4920	79.1	140	85	10.5
NE94655	15	4856	76.3	136	93	9.7
SD93528	8	4773	76.7	135	100	11.1
NE94479	12	4731	77.4	136	94	9.7
SD94227	10	4720	77.9	134	97	10.9
NE94654	16	4689	74.1	134	89	10.0
NE94589	17	4514	78.1	135	95	8.9
NE95656	20	4514	79.0	135	94	9.0
SD92107	4	4468	76.1	137	92	11.2
SD93380	6	4437	73.0	135	88	10.4
SD94149	9	4354	80.0	134	86	9.9
SD93338	7	4318	79.3	133	83	10.9
Abilene	3	3941	79.0	134	87	8.1
Kharkof	1	3700	78.8	138	116	11.2
Roughrider	2	3491	75.8	136	100	10.3
SD93267	5	3342	79.9	132	104	10.6
NE95473	18	2745	69.3	132	86	10.3
N95L1224	22		79.2	140	91	11.2
XH1872	27		70.4	131	85	11.6
mean		4603				
LSD (0.05)		728				
C.V. (%)		11.2				