Table 1. Yield and agronomic data for 45 wheats in the Southern Regional Performance Nursery in 1991.

CLOVIS (IRR.)

NEW MEXICO

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM
T21-3	43	6128	74.7	80
XH900	35	5851	76.3	82
PI495594	3	5782	77.1	64
KSSB-369-7	24	5611	81.9	74
XH1514	38	5487	78.7	72
XH1231	36	5377	77.2	74
TX88V5440	11	5353	76.2	74
CO850061	21	5336	75.5	69
T19-3	41	5319	79.6	73
KSSB-192-3	25	5262	79	69
NE87409	31	5244	77.5	69
OK88W833	8	5198	80	74
TX88V4635	12	4927	76.2	67
NE87615	30	4816	75.1	59
TX87V1613	13	4767	79.6	69
WI88-024	40	4757	79.6	76
OK87W663	4	4755	80.2	69
CO850034	20	4736	79.4	65
TX89V4138	15	4696	79.9	70
TX86D1310	17	4646	74.6	68
WI88-083	39	4615	77.1	67
TX88V4524	14	4577	79.9	65
TH901	44	4568	77.4	69
HBC197F	26	4560	73.7	62
KS88H12-2	29	4423	76.9	67
NE88595	33	4378	74.3	64
XH1322	37	4371	76	69
OK88767	7	4359	77.4	67
CO860086	22	4315	77.6	54
KS87H6	27	4305	77.6	65
CO860094	23	4287	75.9	59
TX88V4636	9	4246	76.9	64
NE87451	32	4206	70.8	60
TX84V1418HF	10	4185	76.7	73
TX88V5433	16	4134	78.7	65
T67	42	4099	77.9	70
NE88427	34	3974	77.1	59
TX86D1332	18	3830	78.3	58
OK87630	6	3803	73.2	69
CI1442	1	3754	75	77
CI13996	2	3593	79.4	75
KS88H12-1	28	3483	77.7	59
TX88D3424	19	3347	71.9	62
OK87542	5	3306	76.9	75
TH902	45	3091	72.8	69
MEAN		4575		
LSD(.05)		1573		
C.V.		21.2		

CLOVIS (DRYL.)

NEW MEXICO

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY: NO.	YIELD KG/HA	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1:
KSSB-369-7	24	213	30	112
TX87V1613	13	190	38	112
TX89V4138	15	185	30	115
NE88427	34	181	30	120
TX88V4636	9	172	30	115
TX88V4635	12	172	34	114
NE87451	32	163	30	116
KSSB-192-3	25	158	34	113
NE88595	33	154	28	117
XH900	35	154	31	115
TX88V4524	14	140	27	114
CO860094	23	140	34	124
T21-3	43	140	31	118
CI13996	2	136	34	117
NE87615	30	131	28	117
XH1231	36	131	30	120
T19-3	41	131	32	116
TX86D1332	18	122	30	115
HBC197F	26	118	29	118
PI495594	3	113	27	114
XH1514	38	113	30	124
CO850061	21	109	25	119
NE87409	31	104	29	123
OK88W833	8	99	31	117
WI88-024	40	99	30	117
XH1322	37	95	35	115
KS87H6	27	90	26	120
KS88H12-2	29	90	28	122
T67	42	90	30	122
TH901	44	90	30	115
TX86D1310	17	86	30	117
CI1442	1	81	34	127
TX88V5440	11	81	29	116
CO860086	22	77	29	123
WI88-083	39	77	25	116
TH902	45	77	29	115
OK87W663	4	72	30	116
TX88D3424	19	72	26	115
KS88H12-1	28	63	30	125
OK87630	6	54	26	119
TX88V5433	16	54	25	118
TX84V1418HF	10	50	34	121
OK87542	5	45	25	120
OK88767	7	45	29	118
CO850034	20	45	26	122
MEAN		111		
LSD(.05)		70		
C.V.		38.6		

FARMINGTON

NEW MEXICO

FOUR REPLICATIONS

C.I. OR SEL. NO.	ENTRY: NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1:	LODGING %
PI495594	3	6627	76.4	78	141	15
KSSB-192-3	25	6305	73.9	89	143	72
CO850061	21	6085	72.9	88	142	61
NE87615	30	6085	74.8	77	141	59
CO860086	22	6012	71.3	81	148	65
OK87W663	4	5894	72.9	91	142	79
NE88427	34	5821	73.2	93	142	79
NE88595	33	5762	74.8	86	141	96
OK88W833	8	5733	74.8	85	142	92
KSSB-369-7	24	5689	76.1	81	143	24
OK88767	7	5674	75.1	92	143	54
TX88V5440	11	5660	73.5	81	143	36
KS87H6	27	5645	73.9	85	143	99
TX89V4138	15	5630	75.1	81	141	78
TX87V1613	13	5586	75.8	84	141	24
XH1322	37	5528	71.9	99	143	61
TX88V5433	16	5484	74.5	86	142	38
WI88-083	39	5454	75.1	83	141	41
WI88-024	40	5440	75.5	91	143	25
TH902	45	5337	74.2	87	141	25
XH1231	36	5279	71.3	95	147	88
OK87630	6	5220	74.8	100	142	15
TX86D1332	18	5205	77.1	88	141	68
T19-3	41	5205	75.8	93	141	74
KS88H12-2	29	5161	71.9	85	147	100
XH900	35	5161	70.3	94	142	89
NE87451	32	5103	75.8	69	141	23
T21-3	43	5059	73.5	86	141	60
TH901	44	5029	71.3	90	143	46
NE87409	31	4912	74.8	93	143	70
KS88H12-1	28	4868	70.6	87	148	100
TX86D1310	17	4736	76.4	87	142	74
TX84V1418HF	10	4575	71	95	148	94
TX88V4524	14	4560	76.8	74	141	0
T67	42	4516	72.2	93	146	68
HBC197F	26	4487	71.6	87	143	82
XH1514	38	4487	72.9	91	146	78
CI13996	2	4428	75.1	95	142	93
OK87542	5	4384	71.6	97	142	96
TX88V4635	12	4369	71.3	91	145	99
TX88V4636	9	4267	71	81	144	80
CO850034	20	4252	72.2	91	147	91
CO860094	23	4252	69	88	149	74
CI1442	1	4164	70.6	99	152	90
TX88D3424	19	4135	73.2	67	141	8
MEAN		5184				
LSD(.05)		1153				
C.V.		15.9				

BUSHLAND (IRR.)

TEXAS

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1	LODGING %
TX89V4138	15	7664	80.8	84	118	13
TX88V4635	12	7577	76.9	86	122	13
CO860094	23	7552	79.7	87	128	10
XH1514	38	7427	78.8	92	123	10
TX88V4636	9	7402	76.8	87	123	15
CO860086	22	7391	78.7	84	126	10
KS88H12-1	28	7368	79.6	86	127	15
KS88H12-2	29	7146	79.2	87	126	10
KSSB-192-3	25	7034	78.8	85	120	10
CO850061	21	7030	78.6	86	121	10
CO850034	20	7016	79.9	87	122	8
XH900	35	6998	76.6	90	121	20
NE87451	32	6978	76.9	81	123	20
NE87409	31	6976	79.3	90	125	15
NE88595	33	6933	77.7	86	123	13
NE88427	34	6828	78.7	86	125	15
KSSB-369-7	24	6806	79.9	83	117	8
T19-3	41	6797	78	89	121	22
WI88-083	39	6698	78.2	86	120	10
XH1231	36	6691	77.3	89	123	18
PI495594	3	6682	77.8	83	117	5
TX87V1613	13	6588	78.7	86	118	8
T21-3	43	6577	76	87	122	18
HBC197F	26	6422	77.7	80	123	0
NE87615	30	6402	76.4	87	123	20
OK87W663	4	6382	79.6	82	119	0
TX84V1418HF	10	6344	78.8	90	122	10
WI88-024	40	6328	78.7	90	123	0
TX88V4524	14	6270	78.3	82	117	0
OK87542	5	6205	77.3	86	121	8
OK87630	6	6191	76.8	86	118	0
TX88V5433	16	6183	76.5	84	121	10
XH1322	37	6174	77.5	93	121	10
TH902	45	6165	75.7	89	118	17
OK88767	7	6059	79.2	86	121	10
KS87H6	27	6059	78.8	86	123	8
OK88W833	8	5990	78.8	85	118	8
TX88V5440	11	5667	75.9	82	117	10
TH901	44	5501	75.7	86	119	18
TX88D3424	19	5398	72.6	71	117	0
CI13996	2	5311	78	97	123	33
T67	42	5136	79.3	87	122	10
TX86D1332	18	4947	80	86	119	5
TX86D1310	17	4914	79.9	85	121	17
CI1442	1	4286	75.9	110	132	57
MEAN		6455				
LSD(.05)		701				
C.V.		6.7				

BUSHLAND (DRYL.)

TEXAS

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1	WINTER SURVIVAL %
T19-3	41	3096	72.2	58	113	87
TX89V4138	15	3015	77.3	52	110	83
PI495594	3	2981	74.3	56	111	88
CO860086	22	2923	78	48	121	88
NE88427	34	2898	74.9	48	118	83
WI88-083	39	2818	73.5	51	114	87
KSSB-369-7	24	2795	76.1	49	111	77
TX88V4524	14	2780	76.4	51	111	88
CO850061	21	2780	71.2	50	117	80
T21-3	43	2759	69.9	55	116	85
NE87409	31	2742	75.6	48	120	88
XH900	35	2694	74	58	117	80
NE87615	30	2688	73.1	47	117	90
XH1514	38	2670	75.9	55	119	85
CO860094	23	2641	73.3	49	123	85
CI13996	2	2636	76	60	117	90
TX86D1310	17	2634	76.6	54	115	73
NE88595	33	2625	72.5	50	118	87
TX88V4635	12	2623	73.5	47	116	82
NE87451	32	2558	72.5	46	117	88
KS88H12-2	29	2551	73.1	51	121	87
WI88-024	40	2549	77.4	52	117	83
KSSB-192-3	25	2506	74.6	53	114	77
XH1322	37	2506	75.6	58	114	83
OK87630	6	2477	74.9	54	114	82
OK88W833	8	2470	76.2	50	114	85
HBC197F	26	2466	74.4	48	116	83
TX88V5440	11	2464	72.5	52	113	88
KS87H6	27	2437	75.2	53	116	87
XH1231	36	2423	74.4	52	118	85
TX86D1332	18	2414	76.1	53	116	75
OK87W663	4	2399	75.7	53	113	80
TH901	44	2399	73.4	52	113	87
TX88V4636	9	2331	74	47	116	77
TX88V5433	16	2318	72.9	49	115	85
CO850034	20	2284	77.1	50	117	87
T67	42	2170	74.9	48	120	87
TX84V1418HF	10	2163	76.6	52	118	85
TX88D3424	19	2121	70.7	46	110	82
OK88767	7	2112	77	51	115	85
KS88H12-1	28	2047	73.8	47	121	87
TH902	45	1921	73.9	52	114	90
OK87542	5	1912	74.6	47	115	87
TX87V1613	13	1834	76.1	53	115	42
CI1442	1	1383	76.6	58	130	87
MEAN		2489				
LSD(.05)		620				
C.V.		15.3				

CHILLICOTHE

TEXAS

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1
KSSB-369-7	24	3705	77.8	68	95
TH902	45	3640	76.7	74	98
CO850034	20	3625	78.6	62	99
CO850061	21	3524	75.8	57	97
XH1231	36	3524	77.6	65	100
CO860086	22	3445	78.5	55	106
TX89V4138	15	3434	79.6	64	97
T19-3	41	3401	77.4	67	102
NE88595	33	3369	76.5	58	104
CO860094	23	3336	78.9	60	109
XH1514	38	3311	78.8	64	105
XH900	35	3295	76.8	66	100
KS88H12-2	29	3277	76.6	58	105
NE87615	30	3273	76.7	56	105
KS88H12-1	28	3219	77.1	63	105
XH1322	37	3201	77	67	98
TX88V4635	12	3199	75.7	60	98
TX88V4636	9	3188	75.9	62	98
OK87630	6	3170	77.7	63	97
T21-3	43	3167	77.4	69	102
TH901	44	3167	76.5	69	97
TX87V1613	13	3161	77.7	70	96
CI13996	2	3132	78.6	76	102
WI88-024	40	3123	78.2	67	101
T67	42	3085	78.9	63	100
NE87451	32	3046	77	55	104
KSSB-192-3	25	3044	76.8	66	95
WI88-083	39	3022	77.8	61	103
PI495594	3	3013	75.6	62	97
NE87409	31	2988	77	64	106
TX88V4524	14	2968	77.1	58	100
OK87542	5	2901	77.7	59	97
TX88V5433	16	2856	76.7	63	98
HBC197F	26	2842	75.9	60	100
NE88427	34	2840	78	57	106
TX86D1310	17	2820	78.1	70	100
TX84V1418HF	10	2795	77.1	61	99
KS87H6	27	2768	76.8	60	103
TX88D3424	19	2751	72.8	54	95
OK88767	7	2744	78.4	60	98
OK88W833	8	2739	77.8	60	98
OK87W663	4	2712	78.8	63	97
TX88V5440	11	2683	76.4	61	97
TX86D1332	18	2638	78.6	69	99
CI1442	1	2329	78.8	77	114
MEAN		3099			
LSD(.05)		413			
C.V.		8.2			

DALLAS

TEXAS

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	DAYS TO HEADING FROM 1/1	LEAF RUST SEV. %	RUST RESP: 0-9	FREEZE DAMAGE 0-5
TX86D1310	17	3453	97	0	2	2
TX86D1332	18	3392	97	0	2	2
OK88767	7	3257	95	40	7	3
KSSB-369-7	24	3082	119	70	8	1.3
OK87630	6	2881	95	80	8	2.3
TX88V5433	16	2870	93	40	8	1.5
TX87V1613	13	2854	94	1	3	2.5
OK88W833	8	2853	94	100	8	2.5
TX89V4138	15	2843	95	100	8	2.5
HBC197F	26	2838	96	0	2	2.3
TX88V4524	14	2794	97	1	7	2
TX84V1418HF	10	2753	95	60	8	2
XH1322	37	2751	93	50	8	1.5
TH901	44	2740	94	100	8	1.5
TH902	45	2607	95	100	8	2
TX88V5440	11	2584	91	75	8	1.7
OK87W663	4	2505	95	100	8	2.3
CO850034	20	2495	93	100	8	1.7
T67	42	2430	95	50	8	2.5
OK87542	5	2423	97	60	7	2.3
XH900	35	2420	95	75	8	1.5
T19-3	41	2248	100	100	8	1.5
TX88V4635	12	2167	98	80	8	3
PI495594	3	2158	94	100	8	1.7
CO850061	21	2138	95	100	8	2
KS87H6	27	2119	97	80	8	3
WI88-083	39	2072	102	1	3	2.5
WI88-024	40	2033	102	30	8	2.3
XH1231	36	2014	97	40	8	2.5
TX88D3424	19	2009	94	0	2	4.5
NE87451	32	1915	102	1	7	1.5
T21-3	43	1789	101	60	7	1.5
NE87615	30	1487	115	1	7	1.3
KS88H12-1	28	1481	102	70	8	2
KS88H12-2	29	1456	103	70	8	2
TX88V4636	9	1349	95	80	8	3.3
KSSB-192-3	25	1315	93	75	8	4.5
XH1514	38	1240	101	90	8	1.5
CI13996	2	1206	116	100	8	1.3
NE87409	31	986	103	70	8	1.5
NE88595	33	947	103	90	8	1.3
NE88427	34	531	119	70	8	1.3
CO860094	23	375	117	40	8	1.3
CO860086	22	309	118	50	8	1.5
CI1442	1	238	120	100	8	1.5
MEAN		2097				
LSD(.05)		552				
C.V.		16.5				

PROSPER

TEXAS

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1	LEAF RUST SEV. %	RUST RESP 0-9	FREEZE DAMAGE 0-5	MILDEW 0-9
TX88V4524	14	3988	77.8	74	100	30	7	1.7	4
TX88V5433	16	3762	77.5	76	96	90	8	1.3	0
TX86D1310	17	3573	78.7	81	101	1	2	1.7	0
HBC197F	26	3572	75.6	64	98	10	3	1.7	0
XH1322	37	3525	76.6	76	96	50	8	1.5	0
TX88V5440	11	3503	78	74	94	100	8	1.5	0
OK87630	6	3419	78	69	96	100	8	1.7	5
TX86D1332	18	3396	79.3	81	100	1	2	1.7	0
WI88-083	39	3323	74.7	79	105	20	3	2	0
OK88W833	8	3232	78.9	71	96	100	8	2.3	0
KSSB-369-7	24	3214	78.4	71	96	70	7	3.5	6
XH1231	36	3132	75.3	76	98	50	8	2	2
TH901	44	3124	75.6	71	96	100	8	1.3	0
OK88767	7	3122	79.5	74	97	40	7	2.7	0
TX87V1613	13	3102	77.9	76	94	5	3	2	5
T21-3	43	3049	75.3	81	102	60	7	1.3	5
XH900	35	3042	74.7	84	99	90	8	1.5	0
T19-3	41	3002	74.3	86	102	100	8	1.5	0
TX84V1418HF	10	2997	77.8	74	97	100	8	1.7	4
TX89V4138	15	2978	72.8	69	96	100	8	2.3	0
TH902	45	2948	73.1	84	97	100	8	1.7	0
XH1514	38	2941	74.9	86	103	40	8	1.3	5
TX88V4635	12	2915	75.9	74	96	100	8	2.7	0
OK87542	5	2911	74.9	61	100	80	7	1.7	0
CO850034	20	2895	76	74	96	100	8	1.5	4
OK87W663	4	2856	76.8	69	97	100	8	2	0
T67	42	2782	79.3	71	100	90	8	2.3	2
KS88H12-1	28	2685	68.4	76	104	90	8	1.7	5
KS87H6	27	2681	71.5	71	99	100	8	2.7	0
PI495594	3	2657	71.9	76	96	100	8	1.5	0
TX88V4636	9	2617	73.7	79	97	100	8	3	0
WI88-024	40	2524	68.6	81	103	70	8	2	1
KS88H12-2	29	2506	71	79	102	70	8	1.7	0
NE87451	32	2436	70.8	79	106	30	7	1.3	0
NE88595	33	2280	69.8	86	108	100	8	1	0
NE87615	30	2225	67.7	76	105	50	7	1.3	0
KSSB-192-3	25	2187	74	71	96	100	8	4.3	0
CI13996	2	2093	74.6	102	106	100	8	1.3	5
CO850061	21	2074	71.5	66	98	100	8	1.7	5
NE87409	31	2043	71.7	86	104	100	8	1	5
NE88427	34	1826	68.5	86	107	100	8	1	4
CO860094	23	1192	66	84	111	80	8	1	6
TX88D3424	19	1183	67.5	56	98	0	2	4.7	0
CO860086	22	1174	66.3	76	110	80	8	1.3	4
CI1442	1	1047	67.6	97	118	100	8	1.5	5

MEAN	2750
LSD(.05)	501
C.V.	11.2

STILLWATER

OKLAHOMA

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1
HBC197F	26	3768	72.5	77	105
T21-3	43	3635	68.5	87	108
TH901	44	3466	70.3	87	104
WI88-083	39	3396	69.7	82	106
TX86D1332	18	3247	72.8	82	106
TH902	45	3207	70.7	82	105
KSSB-369-7	24	3179	68.6	77	101
KSSB-192-3	25	3178	66.6	80	102
KS87H6	27	3172	72	70	109
XH1514	38	3151	67.7	88	109
OK88767	7	3121	74.2	69	104
XH1322	37	3113	72.1	89	103
KS88H12-2	29	3090	65.5	84	112
T19-3	41	3081	71.1	84	108
XH1231	36	3056	68.8	79	106
T67	42	3045	71	86	105
TX88V4524	14	2955	73	74	106
NE87451	32	2878	68.1	73	110
XH900	35	2859	67.1	84	105
TX89V4138	15	2848	74.6	79	103
OK87630	6	2795	73.9	74	104
TX86D1310	17	2745	72	77	106
TX88V5433	16	2739	69.8	75	105
NE87615	30	2707	68.6	71	113
TX88V5440	11	2686	69.7	77	102
KS88H12-1	28	2666	68.1	80	112
OK87542	5	2575	71.9	72	106
TX87V1613	13	2564	72.5	81	103
TX88D3424	19	2547	64.9	61	104
WI88-024	40	2534	68	82	108
TX88V4636	9	2498	65.7	73	106
TX84V1418HF	10	2477	70.2	80	106
OK88W833	8	2447	72.2	75	105
NE87409	31	2398	70.2	79	113
TX88V4635	12	2353	68.4	75	106
CO850034	20	2341	71	78	106
OK87W663	4	2332	71.7	66	105
CI13996	2	2307	69.1	93	109
PI495594	3	2273	65.4	75	103
NE88595	33	2150	65.7	73	110
CO860094	23	2133	65.7	73	118
CO850061	21	2060	65.1	67	106
CO860086	22	1910	63.5	69	115
NE88427	34	1890	69.4	72	114
CI1442	1	1523	71.5	97	122
MEAN		2735			
LSD(.05)		599			
C.V.		13.5			

LAHOMA

OKLAHOMA

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1
KSSB-369-7	24	3434	71.2	68	105
TX89V4138	15	3397	72	80	107
PI495594	3	2957	67.9	75	106
TX88V4636	9	2798	63.5	65	108
TH902	45	2797	66.7	83	108
XH1322	37	2789	67.9	78	108
TX88V4635	12	2749	63.9	78	109
XH900	35	2737	65.4	75	108
TX87V1613	13	2734	68.8	73	108
TH901	44	2610	64.6	78	107
HBC197F	26	2600	62.2	68	112
TX88V5440	11	2597	66.8	68	106
XH1231	36	2574	63.2	70	113
T67	42	2566	68.8	70	111
KSSB-192-3	25	2564	64.4	70	106
WI88-083	39	2514	65.3	78	114
KS87H6	27	2502	64.1	70	116
OK87630	6	2500	67.3	70	107
OK88W833	8	2477	68	70	107
CO850034	20	2473	67.6	70	108
T21-3	43	2465	61.7	80	113
NE87615	30	2463	64.5	68	116
OK88767	7	2424	68.9	75	108
TX88V4524	14	2412	67.5	68	110
OK87W663	4	2375	68.5	68	107
OK87542	5	2349	65.5	58	108
TX88V5433	16	2312	67.5	73	108
T19-3	41	2288	63.7	73	112
KS88H12-1	28	2252	59.3	73	117
XH1514	38	2251	60.6	73	117
WI88-024	40	2248	66.2	80	115
CO850061	21	2208	66.2	70	108
CI13996	2	2188	69	88	112
NE88595	33	2187	65.1	75	116
TX86D1310	17	2113	67.7	78	113
NE87451	32	2099	61.8	63	115
KS88H12-2	29	2070	60.2	70	117
TX86D1332	18	1974	67	70	112
TX84V1418HF	10	1948	65.9	73	108
NE88427	34	1908	65	70	117
TX88D3424	19	1851	63.6	60	107
NE87409	31	1819	62.7	78	117
CO860086	22	1705	61.7	75	117
CO860094	23	1557	59.2	73	123
CI1442	1	1221	61.4	88	126
MEAN		2379			
LSD(.05)		312			
C.V.		8.1			

GOODWELL

OKLAHOMA

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1
KS88H12-1	28	6472	78.8	105	131
XH1231	36	6396	77.8	108	129
KSSB-369-7	24	6365	79.5	98	121
KS88H12-2	29	6327	79.2	102	131
HBC197F	26	6317	77	97	129
T21-3	43	6215	77.7	103	129
TX88V4636	9	6187	75.9	102	130
KSSB-192-3	25	6179	76.8	98	125
CO860086	22	6148	75.1	95	132
XH900	35	6090	77.7	106	128
NE88595	33	6064	77.3	105	130
TX88V4635	12	6054	75.3	103	129
CO860094	23	6047	76.4	102	133
NE87615	30	6038	77	95	130
NE88427	34	5988	78.9	106	130
CO850061	21	5905	76.8	102	127
WI88-083	39	5905	78.2	105	129
KS87H6	27	5811	78.8	101	129
PI495594	3	5787	77.5	101	125
TX88V5440	11	5749	77.3	89	124
XH1514	38	5748	77.3	110	129
TX88V5433	16	5678	77.1	95	128
T19-3	41	5673	77.4	112	128
TX88V4524	14	5669	78.3	97	122
OK88W833	8	5667	78.7	99	126
OK88767	7	5630	78.8	99	126
TX89V4138	15	5518	80.1	99	124
XH1322	37	5440	77.5	112	127
OK87542	5	5437	78.2	102	128
OK87W663	4	5434	79.2	95	126
NE87409	31	5358	78.3	113	130
NE87451	32	5343	78	97	129
TX88D3424	19	5340	74.6	86	121
WI88-024	40	5336	78	106	129
TX87V1613	13	5310	77.7	106	123
CO850034	20	5161	79.2	100	129
TH902	45	5161	75.7	106	128
OK87630	6	5013	77.8	99	126
TX84V1418HF	10	4973	78.7	107	128
TH901	44	4886	76.6	107	127
CI13996	2	4255	78.7	116	128
TX86D1332	18	3866	78.6	97	128
TX86D1310	17	3792	79.2	98	128
T67	42	3254	80.1	108	129
CI1442	1	2822	75.1	118	136
MEAN		5507			
LSD(.05)		650			
C.V.		7.3			

HUTCHINSON

KANSAS

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1	LODGING %	LEAF RUST SEV. %	LEAF RUST RESP. 0-9	SEPTORIA NODORUM 0-9
KSSB-369-7	24	3945	79.5	84	117	3	5	7	5
T67	42	3726	79.3	102	126	0	60	8	6
TX88V5440	11	3569	77.5	85	120	37	10	8	2
TX88V5433	16	3557	78.8	89	123	7	5	8	3
OK87630	6	3547	77.6	99	122	0	20	8	5
XH1322	37	3473	77.4	97	124	0	30	8	7
TX86D1332	18	3451	80	94	125	7	5	3	3
WI88-083	39	3433	76.8	91	128	3	20	3	3
TX86D1310	17	3344	78.6	95	127	10	5	3	2
TX84V1418HF	10	3339	76.5	98	125	13	10	8	5
HBC197F	26	3214	71.8	88	128	50	0	2	3
KS87H6	27	3102	76.8	96	128	27	5	8	4
XH900	35	2980	73.8	98	125	7	20	7	7
TX88V4524	14	2969	77.3	91	124	7	5	8	4
TH901	44	2965	76.2	99	122	3	40	8	6
TX87V1613	13	2931	76.8	98	123	0	10	7	5
OK88767	7	2890	76.7	95	124	0	40	8	4
XH1231	36	2886	73.3	101	126	3	20	3	5
TX89V4138	15	2871	78.7	94	124	83	10	8	7
KSSB-192-3	25	2824	74.4	88	121	0	30	8	6
WI88-024	40	2702	77.3	100	128	0	20	8	5
OK87542	5	2698	77.6	96	122	40	20	8	8
NE87451	32	2683	74.2	87	133	33	10	7	3
TH902	45	2632	74.4	97	123	0	100	8	9
T19-3	41	2566	75.8	102	127	43	60	8	9
OK87W663	4	2525	74.6	94	121	0	50	8	8
OK88W833	8	2471	76	95	122	20	40	8	5
TX88V4635	12	2351	70.5	96	126	67	20	8	8
CO850061	21	2115	73.6	94	122	67	60	8	6
CI13996	2	1978	76.3	109	131	80	40	8	8
PI495594	3	1978	74	96	120	0	100	8	9
KS88H12-1	28	1963	74	94	131	90	20	8	7
KS88H12-2	29	1938	72.6	92	131	73	10	8	7
XH1514	38	1883	73.1	96	128	7	20	8	6
NE87615	30	1730	72.5	89	132	73	10	3	4
NE88427	34	1719	74.4	96	131	7	80	8	7
TX88V4636	9	1709	70.6	94	126	57	30	8	8
T21-3	43	1570	71.3	98	129	93	40	7	8
NE87409	31	1520	75.4	100	132	70	60	8	9
TX88D3424	19	1519	72	73	124	73	20	3	7
CO850034	20	1388	75.1	95	125	87	60	8	6
NE88595	33	1265	71.8	94	132	7	80	8	8
CO860094	23	868	69.1	92	136	23	5	8	6
CO860086	22	406	67.2	89	132	70	20	8	7
CI1442	1	372	.	121	136	90	80	8	8
MEAN		2479							
LSD(.05)		578							
C.V.		14.4							

MANHATTAN

KANSAS

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1	LODGING %	LEAF SEV. %	RUST RESP 0-9	SBM VIRUS 0-9
WI88-083	39	4196	71.5	95	132	0	40	2	2
KSSB-192-3	25	3979	70.7	90	125	0	40	8	2
XH1231	36	3805	69	101	128	0	1	7	2
XH1322	37	3717	71.9	102	127	0	80	8	2
KSSB-369-7	24	3702	74.6	86	121	0	10	7	2
OK88767	7	3694	72.1	95	127	3	20	8	8
XH900	35	3573	69	100	127	0	40	8	2
OK88W833	8	3521	74	93	126	0	80	8	5
TH901	44	3517	69.3	100	128	7	100	8	2
T67	42	3482	72.1	104	129	27	100	8	2
HBC197F	26	3397	63.6	90	129	33	1	3	2
CO850061	21	3382	67.7	93	127	7	80	8	8
TH902	45	3351	67.9	102	128	3	100	8	3
TX89V4138	15	3326	72.1	92	126	20	50	8	5
TX88V5440	11	3296	72.2	89	125	10	30	8	2
TX86D1332	18	3289	72.2	96	129	77	10	3	2
CO850034	20	3216	71.3	95	128	47	80	8	2
XH1514	38	3154	69.7	101	132	13	60	8	2
OK87630	6	3146	70.6	90	125	17	80	8	8
KS87H6	27	3097	69.7	96	130	0	1	3	8
WI88-024	40	3075	69.5	101	132	3	90	8	8
TX84V1418HF	10	3063	66.7	96	128	7	20	8	8
TX86D1310	17	3003	73.7	97	129	67	20	3	2
OK87542	5	2998	71.2	101	126	13	80	8	8
KS88H12-1	28	2997	68.6	95	133	7	50	8	2
T21-3	43	2997	64	102	131	87	60	8	2
OK87W663	4	2978	72.9	91	123	0	100	8	5
TX87V1613	13	2968	67.1	96	126	3	10	8	8
T19-3	41	2925	68	104	129	60	100	8	8
PI495594	3	2919	65.9	94	123	0	100	8	8
NE87615	30	2900	66.4	92	134	23	5	3	8
TX88V4524	14	2888	71	86	127	0	10	8	8
TX88V5433	16	2874	71.7	92	128	30	60	8	2
NE87451	32	2754	67.2	89	133	50	20	3	5
KS88H12-2	29	2642	68.1	93	133	13	60	8	2
NE88427	34	2454	70	93	133	7	90	8	7
TX88V4636	9	2381	68.1	96	128	33	60	8	8
NE88595	33	2375	64.9	94	132	13	80	8	7
NE87409	31	2362	68.9	103	132	27	80	8	2
TX88V4635	12	2058	59.9	96	130	37	50	8	8
TX88D3424	19	2043	64.2	74	126	100	10	8	8
CI13996	2	1466	67	122	132	100	100	8	8
CO860086	22	1458	61.3	87	134	0	90	8	8
CO860094	23	1232	59.9	93	136	43	20	8	8
CI1442	1	693	.	117	138	100	100	8	8
MEAN		2941							
LSD(.05)		483							
C.V.		10.1							

HAYS

KANSAS

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1
PI495594	3	3098	79.2	53	124
XH1231	36	3044	74.1	55	130
T19-3	41	3020	77.1	56	128
XH1514	38	3008	74.4	54	131
NE88595	33	3002	75.9	51	131
CO850061	21	2984	75.2	52	128
XH900	35	2981	74.4	56	128
NE87615	30	2930	73.1	51	131
KS87H325-2	50	2878	79	58	124
NE88427	34	2847	76.2	52	132
TH902	45	2842	76.6	54	125
NE87409	31	2809	75.4	50	132
TX89V4138	15	2791	80.5	57	126
OK88W833	8	2768	77.2	53	124
OK87W663	4	2670	76.7	52	124
TX88V4636	9	2659	73.5	54	129
CO860094	23	2645	71	48	135
T67	42	2636	76.7	55	130
KSSB-192-3	25	2632	75.5	55	125
CO860086	22	2629	73.4	49	133
KSSB-369-7	24	2605	78.8	53	122
NE87451	32	2587	73.7	49	130
OK88767	7	2582	76.1	52	128
T21-3	43	2582	73	58	130
CI13996	2	2564	78.5	57	131
KS88H12-1	28	2562	73.3	54	133
KS87H6	27	2547	75.4	50	131
WI88-083	39	2542	76.3	53	129
KS88H12-2	29	2529	74.2	53	133
TH901	44	2511	74.6	55	125
XH1322	37	2473	75.2	57	128
CO850034	20	2448	76.6	54	129
KS831374-74	48	2439	76.1	53	126
OK87630	6	2432	75.6	53	125
OK87542	5	2410	74	54	126
HBC197F	26	2390	71.1	50	130
KS8010-72-4	46	2387	72.8	54	129
TX88V5433	16	2381	73.8	51	128
WI88-024	40	2360	76.2	56	131
TX88V4635	12	2336	73.9	52	129
TX84V1418HF	10	2316	74	55	130
KS831374-142	49	2311	75	52	125
TX88V5440	11	2304	74	52	123
TX86D1310	17	2239	78.7	57	129
TX88V4524	14	2206	76	52	127
TX86D1332	18	2206	78.2	56	129
KS8010-72-8	47	2174	72.5	54	128
TX88D3424	19	1988	72.1	46	124
CI1442	1	1894	72.5	60	137
TX87V1613	13	1858	77.7	55	129
MEAN		2561			
LSD(.05)		315			
C.V.		7.6			

GARDEN CITY

KANSAS

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1
XH1231	36	4882	79.1	80	133
NE88595	33	4741	79.2	76	133
XH900	35	4651	79.2	82	132
CO860094	23	4580	76.8	75	138
WI88-083	39	4553	80.2	75	133
CO850061	21	4551	80.5	76	132
TX88V4635	12	4546	79.5	79	133
NE87615	30	4533	78.9	72	135
NE87451	32	4528	80.1	70	134
NE87409	31	4492	81.3	81	134
T21-3	43	4463	80.5	84	133
HBC197F	26	4432	80.8	75	134
TX88V4636	9	4403	79.5	74	133
KS88H12-1	28	4403	80.6	78	134
NE88427	34	4360	79.9	75	134
KS88H12-2	29	4344	80.1	75	134
XH1514	38	4326	77.1	86	134
CO860086	22	4304	78.2	73	135
T19-3	41	4235	81.6	79	132
TX89V4138	15	4102	81.7	77	131
KS87H6	27	4098	81.2	77	133
WI88-024	40	4064	80.7	81	133
TH901	44	4035	80.2	79	132
KS8010-72-4	46	4035	80.5	79	132
CO850034	20	4013	79.5	78	133
CI13996	2	3990	81.2	89	133
XH1322	37	3954	79.2	80	132
TH902	45	3927	79.6	83	132
OK87542	5	3916	80.6	75	131
TX87V1613	13	3909	82.1	80	132
KSSB-192-3	25	3842	80.8	75	131
T67	42	3835	80.6	79	133
KSSB-369-7	24	3791	82	69	129
KS8010-72-8	47	3782	80.1	77	132
TX88V4524	14	3750	82.3	69	130
KS831374-142	49	3735	81.1	76	130
TX86D1332	18	3643	82	82	132
TX88V5433	16	3632	80.9	71	131
PI495594	3	3625	79.6	71	131
OK88W833	8	3616	81.1	75	130
OK88767	7	3584	80.7	75	131
TX84V1418HF	10	3495	80.5	75	132
TX88D3424	19	3445	78.3	67	130
TX86D1310	17	3407	81.9	78	132
KS831374-74	48	3407	80.9	75	130
TX88V5440	11	3378	79.9	71	129
CI1442	1	3293	77.1	100	139
OK87W663	4	3266	80.8	71	130
OK87630	6	3239	79.6	75	130
MEAN		4023			
LSD(.05)		488			
C.V.		7.5			

COLBY

KANSAS

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1	LODGING %
KS831374-142	49	5147	75	72	134	6
KS831374-74	48	4817	75.9	73	135	7
TX88V4636	9	4618	72.8	79	139	13
TX88V4635	12	4604	71.4	85	139	13
KSSB-369-7	24	4598	76.5	72	134	10
KS8010-72-8	47	4577	71.5	80	137	3
TX88V5433	16	4569	75.3	73	137	6
TX89V4138	15	4562	76.2	77	135	20
NE87615	30	4546	72.9	78	140	7
TX88V5440	11	4504	73.7	68	135	8
T21-3	43	4483	71.5	83	136	12
T19-3	41	4479	73.5	86	136	15
XH900	35	4468	72.2	82	137	6
NE88595	33	4461	72.7	81	138	7
KS8010-72-4	46	4407	72	80	138	4
KS87H6	27	4338	74.4	78	137	4
CI13996	2	4329	76.7	95	138	63
KS88H12-1	28	4329	72.6	81	140	6
KS88H12-2	29	4326	71.9	82	140	5
CO860094	23	4317	73.2	84	143	13
NE87409	31	4302	74.5	82	140	13
CO850061	21	4275	71.5	77	138	8
NE87451	32	4270	72.6	72	137	5
TH901	44	4270	72.5	82	136	4
WI88-083	39	4268	73.7	77	136	3
HBC197F	26	4118	69.2	75	138	4
XH1231	36	4093	72.1	81	139	3
NE88427	34	4089	74.5	80	139	3
TH902	45	4082	73	83	136	4
OK88767	7	4057	74.3	77	136	5
PI495594	3	4037	74.2	78	135	8
TX88V4524	14	4019	74	74	134	2
KSSB-192-3	25	4017	74.3	75	135	4
T67	42	3983	74.6	86	139	5
OK87542	5	3954	72.5	80	137	7
XH1514	38	3932	71.9	88	141	7
TX87V1613	13	3791	75.2	77	137	6
TX88D3424	19	3788	69.8	64	134	12
OK87630	6	3723	72.9	79	135	5
CO860086	22	3692	68.8	77	141	6
TX86D1310	17	3634	76.4	75	137	17
XH1322	37	3629	71.8	86	137	3
WI88-024	40	3625	74.2	86	140	4
OK88W833	8	3614	71.9	76	136	3
TX84V1418HF	10	3497	71.3	83	138	4
TX86D1332	18	3410	76.4	79	138	12
OK87W663	4	3232	72.2	75	135	3
CO850034	20	3062	68.4	79	139	4
CI1442	1	2484	73.1	107	145	53
MEAN		4055				
LSD(.05)		292				
C.V.		4.4				

FORT COLLINS

COLORADO

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	DAYS TO HEADING FROM 1/1	LEAF RUST SEV. %	LEAF RUST RESP. 0-9
CO860094	23	8187	74.9	155	5	
KSSB-192-3	25	8012	75.2	148	10	
T21-3	43	7765	72.4	149	5	
CO850061	21	7642	74	151	40	
TAM-200	46	7407	77.7	149	10	
TX88V4636	9	7276	74	151	20	
HBC197F	26	7269	73.7	152	0	
TX88V4635	12	7258	74.6	151	10	
NE87615	30	7228	75.2	149	5	
XH1514	38	7164	75.8	152	0	
CO860086	22	6996	73.3	156	30	
TX89V4138	15	6873	77.7	149	10	
KSSB-369-7	24	6709	75.8	147	0	
KS88H12-2	29	6694	75.5	151	10	
SANDY	47	6694	76.8	153	20	
LAMAR	48	6533	76.1	152	5	
XH900	35	6507	76.1	150	5	
PI495594	3	6358	74	147	70	
WI88-083	39	6354	75.5	149	0	
NE88595	33	6339	74.9	150	40	
T19-3	41	6317	74.3	146	10	
NE87409	31	6309	75.2	149	20	
XH1231	36	6272	75.8	153	0	
NE87451	32	6231	73	149	10	
NE88427	34	6223	75.8	149	30	
KS88H12-1	28	6156	76.8	152	20	
XH1322	37	6130	74.3	150	10	
TH901	44	6126	72.4	148	10	
OK87542	5	6100	73.7	149	20	
MV16-85	50	5985	72.7	152	0	
TX87V1613	13	5981	75.5	150	10	
CO840186	49	5835	77.4	154	50	
CI13996	2	5831	75.5	148	50	
OK88767	7	5813	76.1	149	10	
TX86D1332	18	5772	75.8	149	0	
TX84V1418HF	10	5753	73.3	150	5	
TH902	45	5660	73.7	148	40	
WI88-024	40	5649	75.8	151	0	
T67	42	5481	77.4	151	10	
TX88V4524	14	5302	75.5	146	10	
TX88D3424	19	5223	69.6	146	0	
KS87H6	27	5111	75.5	150	10	
CO850034	20	4914	71.8	152	80	
OK88W833	8	4812	75.5	147	30	
OK87W663	4	4753	74.6	147	30	
TX86D1310	17	4484	75.8	148	0	
OK87630	6	4368	75.2	146	10	
TX88V5433	16	4334	72.4	149	5	
TX88V5440	11	4327	72.4	146	10	
CI1442	1	4316	70.6	158	40	
MEAN		6137				
LSD(.05)		1456				
C.V.		14.6				

JULESBURG

COLORADO

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	LODGING 0-9	STEM RUST: SEV. %	STEM RUST: RESP. 0-9	ROOT ROT %
KS87H6	27	4051	75.6	86	0	0		0
TH901	44	3900	72.5	91	1	0		10
T21-3	43	3871	72.5	86	3	10		20
XH1322	37	3851	72.7	86	0	0		10
XH1514	38	3840	71.4	91	0	0		15
HBC197F	26	3771	69.7	86	0	0		0
XH1231	36	3612	68.9	86	0	30		10
WI88-083	39	3606	74	81	0	0		5
CO860094	23	3553	71.4	91	2	0		0
KSSB-369-7	24	3534	74.5	79	0	0		0
NE88427	34	3495	75	89	0	0		5
WI88-024	40	3460	76	89	0	0		0
LAMAR	48	3457	76.2	97	2	0		0
TX88V5440	11	3450	72.2	81	4	10		10
T67	42	3389	74.5	97	0	0		10
NE87615	30	3380	70.9	86	5	0		0
TX88V5433	16	3352	73.7	86	1	10		10
TX88V4635	12	3348	70.5	91	4	0		0
TX86D1332	18	3329	75.6	86	3	0		10
TX84V1418HF	10	3319	73.7	91	0	0		20
KS88H12-1	28	3318	73.1	89	1	0		10
XH900	35	3317	69.1	86	0	5		10
NE87409	31	3261	75.4	91	1	0		0
KS88H12-2	29	3238	73.2	86	2	0		0
NE87451	32	3220	73	76	6	0		0
TX88V4524	14	3215	75.3	76	0	0		5
OK87542	5	3155	71.5	91	0	30		5
NE88595	33	3129	71.3	91	8	0		0
TH902	45	3084	69.3	91	2	0		10
T19-3	41	3053	74	91	0	0		5
TX87V1613	13	2993	74.4	86	0	0		10
TX86D1310	17	2981	74.8	86	3	0		15
CI13996	2	2978	75.7	107	4	0		0
CO860086	22	2849	64.8	91	2	0		10
SANDY	47	2844	73.9	107	6	0		0
TX88V4636	9	2836	71.3	86	0	0		20
OK87630	6	2744	64.9	84	0	50		10
PI495594	3	2731	69.5	81	0	0		5
TAM-200	46	2707	74.7	81	4	0		0
OK88767	7	2678	68.2	84	0	80		30
TX89V4138	15	2675	72.4	86	4	0		20
CO850061	21	2566	66.1	91	0	0		20
KSSB-192-3	25	2547	68.9	81	0	0		10
TX88D3424	19	2383	63.8	69	0	0		0
MV16-85	50	2156	66.6	76	0	0		0
OK88W833	8	1980	62.8	86	0	90		40
OK87W663	4	1940	60.2	81	0	90		20
CI1442	1	1493	67.3	122	5	80		0
CO850034	20	1256	52.2	86	3	90		90
CO840186	49	1142	67.4	81	0	0		5
MEAN		3041						
LSD(.05)		547						
C.V.		11.1						

AKRON

COLORADO

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL
KS88H12-2	29	5389	73.3
NE87615	30	5351	73.3
T21-3	43	5330	71.8
TX88V4636	9	5272	69.9
WI88-083	39	5219	72.7
NE87451	32	5195	70.9
T19-3	41	5131	72.4
TX88V4635	12	5083	72.4
KSSB-369-7	24	5065	74.3
KS88H12-1	28	5030	72.1
NE87409	31	4976	74
TAM-200	46	4959	75.8
PI495594	3	4941	72.4
KSSB-192-3	25	4940	74
CO850061	21	4898	73.3
OK88767	7	4888	73
HBC197F	26	4871	69.9
TX89V4138	15	4836	76.4
CO860094	23	4829	69.9
NE88595	33	4787	71.8
XH1231	36	4786	71.2
XH1514	38	4779	72.7
NE88427	34	4744	72.7
XH900	35	4744	73.3
TX88V4524	14	4736	73
TX88V5440	11	4707	72.1
OK87542	5	4704	72.7
CO860086	22	4692	70.6
CI13996	2	4681	74.6
WI88-024	40	4658	74.9
KS87H6	27	4647	72.7
TX88V5433	16	4610	73.7
TH902	45	4606	70.9
TH901	44	4509	71.5
T67	42	4484	75.2
OK87W663	4	4480	74.3
LAMAR	48	4384	75.8
XH1322	37	4375	72.7
TX84V1418HF	10	4372	74.6
TX86D1332	18	4368	75.2
TX87V1613	13	4367	74.6
OK87630	6	4351	73
SANDY	47	4178	74
MV16-85	50	4061	68.1
OK88W833	8	4048	72.7
TX86D1310	17	4038	74.6
TX88D3424	19	4001	68.4
CO850034	20	3522	69
CI1442	1	2569	72.1
CO840186	49	2161	72.4
MEAN		4607	
LSD(.05)		564	
C.V.		7.5	

WALSH

COLORADO

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	STEM RUST SEV. %	RUST RESP. 0-9
NE87409	31	4217	74.9	66	0	
TX89V4138	15	4174	78.9	61	0	
TX88V4635	12	4160	74.3	61	0	
KS88H12-2	29	4075	74.3	69	0	
KSSB-192-3	25	4011	75.8	64	0	
XH900	35	3958	75.5	66	0	
XH1514	38	3900	75.5	64	0	
PI495594	3	3898	76.1	64	0	
HBC197F	26	3895	73.3	61	0	
TAM-200	46	3893	77.7	61	0	
KS88H12-1	28	3877	75.5	69	0	
T19-3	41	3851	75.2	64	0	
NE88595	33	3848	74.6	66	0	
CO860086	22	3824	75.8	61	0	
NE87451	32	3811	74	61	0	
NE87615	30	3807	74	66	0	
WI88-083	39	3783	75.2	66	0	
SANDY	47	3733	75.8	66	0	
XH1322	37	3709	74.6	69	0	
CO860094	23	3691	75.2	61	0	
KSSB-369-7	24	3691	76.4	66	0	
TX87V1613	13	3680	77.1	69	0	
LAMAR	48	3662	78	71	0	
CO850034	20	3621	76.4	61	20	
CO850061	21	3572	74.9	61	10	
WI88-024	40	3572	75.8	69	0	
TX88V4636	9	3539	74.6	61	0	
CI13996	2	3533	76.8	79	0	
TX88V4524	14	3527	77.1	56	0	
KS87H6	27	3466	75.8	66	0	
XH1231	36	3452	73	61	0	
OK87W663	4	3438	77.7	66	50	
NE88427	34	3425	75.2	66	0	
OK87630	6	3423	76.1	61	40	
T21-3	43	3283	74.3	66	20	
TX88V5433	16	3251	74	61	0	
TH901	44	3209	74.6	66	0	
OK87542	5	3150	76.1	61	10	
TX88V5440	11	3108	73.3	56	0	
TX86D1332	18	3046	78.3	61	0	
TH902	45	3037	74.9	64	0	
OK88W833	8	3028	76.4	61	40	
TX86D1310	17	3003	78	61	0	
CO840186	49	2962	74.3	69	0	
T67	42	2953	77.1	61	0	
TX84V1418HF	10	2951	76.1	61	0	
OK88767	7	2930	76.4	61	40	
MV16-85	50	2921	69.3	61	0	
CI1442	1	2660	74.6	89	80	
TX88D3424	19	2641	70.6	51	0	
MEAN		3517				
LSD(.05)		577				
C.V.		10.1				

LINCOLN

NEBRASKA

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1
KSSB-192-3	25	3549	69.7	90	138
PI495594	3	2999	68.4	93	137
TX88V4524	14	2981	73.5	91	138
OK87630	6	2744	71.2	99	138
OK88767	7	2742	72.9	97	137
KSSB-369-7	24	2726	71.7	89	138
TX88V5433	16	2542	71.5	89	139
OK88W833	8	2517	69.7	90	138
NE87451	32	2396	69.3	86	142
XH1322	37	2387	71.5	100	138
WI88-083	39	2374	68.6	98	143
T19-3	41	2363	69.5	102	141
TH901	44	2345	70.2	99	140
OK87W663	4	2262	71.6	90	138
TX87V1613	13	2262	71	102	137
T67	42	2174	74.8	102	139
XH900	35	2125	69.7	98	140
TX88V5440	11	2123	69.4	89	138
TX84V1418HF	10	2112	72.2	98	140
CO850061	21	2107	68.5	98	139
KS88H12-2	29	2089	69.9	103	144
OK87542	5	2053	71.6	94	138
HBC197F	26	2053	65.8	90	141
NE88427	34	2029	70.7	97	142
XH1514	38	2020	68.4	95	142
TH902	45	2009	68.4	99	139
TX86D1310	17	1997	70.7	90	139
NE87615	30	1993	65.8	90	143
TX86D1332	18	1979	70.8	90	139
NE88595	33	1970	66.8	95	143
XH1231	36	1946	71	95	140
KS88H12-1	28	1926	68.8	94	142
KS87H6	27	1867	69.9	93	143
NE87409	31	1858	71	100	143
TX89V4138	15	1818	72.6	95	138
WI88-024	40	1663	73.5	93	139
TX88D3424	19	1614	65	81	137
CO850034	20	1587	68.6	91	139
CO860094	23	1551	68.4	90	145
TX88V4636	9	1394	64.5	88	141
TX88V4635	12	1293	63.2	90	140
CO860086	22	1163	63.7	89	145
T21-3	43	1145	66	98	141
CI1442	1	910	72.2	95	147
CI13996	2	650	67.1	108	140
MEAN		2054			
LSD(.05)		685			
C.V.		20.5			

CLAY CENTER

NEBRASKA

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM
T21-3	43	3078	70.6	102
WI88-083	39	3076	72.5	89
TX88V5433	16	2960	75.5	93
T67	42	2917	74.4	100
T19-3	41	2896	73.7	103
TX84V1418HF	10	2778	74.6	97
NE88427	34	2642	74.7	94
TH902	45	2617	70	95
XH1322	37	2587	72.4	95
KSSB-369-7	24	2562	75.3	83
TX88V5440	11	2451	73.4	89
TH901	44	2450	71.2	98
XH1514	38	2327	72.8	97
TX88V4524	14	2290	73.8	88
XH900	35	2276	72.2	94
TX86D1310	17	2263	76	94
HBC197F	26	2256	71.3	85
XH1231	36	2234	72.1	91
CO850061	21	2134	70.6	88
OK87542	5	2125	73.1	97
KSSB-192-3	25	2115	73.1	80
TX89V4138	15	2057	74.2	91
NE88595	33	2049	71.2	97
TX86D1332	18	2042	76.6	94
OK88767	7	1970	72.6	91
NE87615	30	1950	71.2	91
CI13996	2	1927	74.9	116
OK88W833	8	1840	72.1	93
TX88V4635	12	1825	69.1	89
KS87H6	27	1798	73	93
PI495594	3	1781	68.9	88
NE87451	32	1776	71.3	88
KS88H12-2	29	1775	70.8	91
WI88-024	40	1768	73.5	91
KS88H12-1	28	1750	71.7	95
OK87630	6	1610	68.2	85
TX87V1613	13	1573	73.7	84
NE87409	31	1544	72.1	98
CO850034	20	1160	69.1	90
OK87W663	4	1148	71.9	89
CO860086	22	1063	68.4	85
TX88V4636	9	993	69	90
TX88D3424	19	972	64.5	75
CO860094	23	955	70.7	91
CI1442	1	824	71.6	117
MEAN		2026		
LSD(.05)		614		
C.V.		18.7		

NORTH PLATTE

NEBRASKA

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA
TX88V5433	16	1643
NE87409	31	1634
NE88595	33	1323
CI13996	2	1293
NE87615	30	1255
KS88H12-2	29	1175
TH902	45	1154
T19-3	41	1153
PI495594	3	1112
T21-3	43	1100
KS88H12-1	28	995
NE88427	34	982
TH901	44	974
TX88V5440	11	959
KSSB-369-7	24	924
WI88-083	39	857
TX86D1310	17	824
NE87451	32	808
HBC197F	26	800
KS87H6	27	792
TX89V4138	15	777
T67	42	753
TX86D1332	18	660
WI88-024	40	633
XH1231	36	596
TX88V4636	9	545
XH1322	37	531
CO860086	22	529
TX88V4524	14	527
OK88767	7	502
XH1514	38	486
XH900	35	466
TX84V1418HF	10	436
OK87542	5	374
CO850034	20	342
CI1442	1	334
OK88W833	8	333
TX88V4635	12	327
OK87W663	4	325
KSSB-192-3	25	312
CO850061	21	305
TX88D3424	19	239
TX87V1613	13	188
OK87630	6	149
CO860094	23	87
MEAN		723
LSD(.05)		480
C.V.		40.9

SIDNEY

NEBRASKA

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL
WI88-083	39	3815	80
KS88H12-1	28	3679	80.1
T19-3	41	3572	81.8
T67	42	3524	81
KS87H6	27	3441	80
XH1514	38	3407	78.8
NE88427	34	3405	79.3
CO860094	23	3286	77.4
TH901	44	3273	78.7
NE87615	30	3269	78.7
T21-3	43	3259	81.3
NE88595	33	3249	78.4
HBC197F	26	3231	78
KS88H12-2	29	3211	80
XH1231	36	3206	78.7
TH902	45	3073	78
WI88-024	40	2995	81.3
NE87409	31	2969	81.3
TX88V5433	16	2939	80.2
CI13996	2	2845	80.6
TX88V4636	9	2813	80.2
CO860086	22	2783	77.4
TX84V1418HF	10	2763	78.7
TX88V4635	12	2751	79.2
KSSB-192-3	25	2719	79.9
XH900	35	2714	77
XH1322	37	2712	78.6
TX88V5440	11	2577	79.1
PI495594	3	2512	76.8
TX86D1310	17	2492	82
NE87451	32	2424	80
CO850061	21	2404	77.4
KSSB-369-7	24	2337	82.6
TX86D1332	18	2326	81.3
OK87542	5	2264	80
OK88767	7	2197	78.8
CI1442	1	2193	77.7
TX89V4138	15	2190	81
TX88V4524	14	2181	81.3
TX87V1613	13	1997	80.5
OK87630	6	1889	78
TX88D3424	19	1614	73.9
OK88W833	8	1581	78.9
CO850034	20	1499	71.2
OK87W663	4	1348	78.7
MEAN		2732	
LSD(.05)		724	
C.V.		16.3	

BROOKINGS

SOUTH DAKOTA

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1
OK87542	5	4213	74.8	76	149
T21-3	43	4175	72.2	76	150
NE87615	30	4119	74.2	69	151
KS87H6	27	4091	74.6	74	150
WI88-083	39	4065	73.5	72	150
NE87451	32	3977	74.2	66	150
NE87409	31	3879	74.4	77	149
NE88427	34	3871	75.7	77	150
T19-3	41	3861	74.8	77	148
T67	42	3768	75.3	77	150
XH1231	36	3702	73.7	72	150
OK87630	6	3672	72.8	68	149
HBC197F	26	3657	71.5	62	150
NE88595	33	3642	71.7	76	150
TX84V1418HF	10	3615	76	73	150
OK88767	7	3611	74.8	70	150
TX88V5440	11	3596	74.4	71	148
KS88H12-1	28	3520	71.8	72	151
WI88-024	40	3520	76.8	76	151
TX88V5433	16	3514	75.5	67	149
TX86D1310	17	3513	76.4	75	150
XH900	35	3460	71.7	73	150
KS88H12-2	29	3420	70.8	71	151
TX86D1332	18	3419	77.3	71	150
XH1514	38	3413	72	73	151
TX88V4636	9	3361	70.4	69	150
TX88V4635	12	3360	68.4	70	150
OK88W833	8	3341	74.8	69	148
TH902	45	3341	70.9	73	149
TH901	44	3306	72.8	74	149
TX87V1613	13	3298	76.8	75	151
CI13996	2	3284	77.1	87	150
XH1322	37	3263	73.3	75	150
CO860094	23	3216	71.3	79	152
KSSB-369-7	24	3173	77.3	65	148
CO860086	22	3003	67.3	61	151
TX88V4524	14	2921	76.2	64	148
OK87W663	4	2782	73.3	69	148
TX89V4138	15	2726	74.6	68	150
PI495594	3	2573	69.3	67	148
CO850061	21	2230	70	65	150
CO850034	20	2192	69.1	71	150
CI1442	1	2044	75.3	106	153
KSSB-192-3	25	1727	70.2	59	150
TX88D3424	19	1323	64.9	54	150
MEAN		3328			
LSD(.05)		598			
C.V.		11.1			

COLUMBIA

MISSOURI

THREE REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1	LODGING 0-9	WINTER SURVIVAL %	BACTERIAL STRIPE 0-9	SCAB 0-9
KARL	48	3227	71.6	98	123	0.3	97	2.3	3
OK87630	6	3099	64.6	97	120	0	95	6.7	3
SIOUXLAND	46	3090	66.4	116	126	3.7	93	2	2.7
PI495594	3	3002	65.3	91	120	0	92	4.3	4.3
TX88V5433	16	2953	68.3	98	125	2	98	2	3.7
OK87542	5	2930	68.2	104	124	3.3	97	4.3	3
TH902	45	2915	64.3	108	123	2	93	3.3	3
TX88V5440	11	2850	65.5	95	122	1.3	93	3.3	4
KSSB-369-7	24	2775	66.3	91	119	0.3	100	6	6.3
TH901	44	2715	63.9	103	123	2.7	95	3.3	2.3
T19-3	41	2699	65.7	107	125	3.3	95	3.3	3.3
KS88H12-1	28	2695	65.9	100	130	1	97	1.7	2
T67	42	2676	68.8	110	126	1.7	95	4.3	3
OK87W663	4	2661	68.1	102	124	0.3	93	5.7	3.3
KS88H12-2	29	2581	66.7	100	127	0.7	92	3.3	2.3
OK88W833	8	2540	66.3	99	121	0.3	93	5.3	2.7
TX87V1613	13	2528	65.6	107	122	0.3	90	4	5
CENTURY	49	2528	64.5	102	127	3.7	78	2.3	2
OK88767	7	2501	64.2	99	123	0.7	95	6.3	5
CO850034	20	2500	63.6	103	125	3	93	5	5
TX89V4138	15	2359	67.2	102	122	0.7	97	3.7	4
TX88V4635	12	2280	59.1	103	125	3.7	95	4.7	4.3
TX84V1418HF	10	2276	66.2	106	126	3.3	97	4.3	3
XH1322	37	2274	62	106	124	1.3	93	4.3	3
CO850061	21	2272	59.6	100	124	1.7	93	7.3	5.3
TX88V4636	9	2247	55.7	102	125	3	92	3.3	4.3
KS87H6	27	2164	65.2	102	129	2.7	98	3	3
KSSB-192-3	25	2153	58.5	95	119	0.7	98	6.3	8
NE87409	31	2152	67.9	107	130	3.7	85	2.3	3.3
TAM-200	47	2080	63.5	92	125	2	93	2.7	4
CI13996	2	2016	68.4	114	129	5	97	3	3
TX86D1310	17	1844	62.6	97	127	1.7	90	5.7	4
NE88595	33	1841	60.5	101	130	3.7	92	2	3.3
HBC197F	26	1717	60.1	95	125	2	93	3.7	6
T21-3	43	1674	56.4	103	128	6	98	2.7	4
TX86D1332	18	1539	59.5	98	126	3	97	7.3	4.7
NE88427	34	1535	62	104	131	3.7	90	2.7	3.3
TX88V4524	14	1499	59.1	92	124	0	92	7.3	7
TX88D3424	19	1486	55.3	81	120	0.3	92	7	7
NE87615	30	1449	59.5	97	131	5.7	93	3	4.3
XH1231	36	1449	57.3	102	127	3.3	98	5.7	3
CO860086	22	1412	62.6	97	129	3.7	97	2	4.3
WI88-083	39	1378	56.5	100	129	1	90	3.7	5.7
XH1514	38	1375	58.1	107	129	4.3	95	3.3	3.3
XH900	35	1299	58.4	101	125	1.7	92	6.3	4.7
NE87451	32	1256	58	93	130	5.3	92	3.3	3.3
WI88-024	40	1248	60.5	107	128	2	95	5	4.3
CI1442	1	864	67.4	119	135	5.7	98	3	1.7
CO860094	23	638	54.9	102	133	6	90	2.7	3
MEAN		2148							
LSD(.05)		684							
C.V.		19.5							

CRAWFORDSVILLE

IOWA

TWO REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	WINTER SURVIVAL %
OK87630	6	4304	71.5	23
TH901	44	3917	68.5	70
T19-3	41	3578	70.9	100
T21-3	43	3558	66	55
NE87451	32	3363	69	90
KS88H12-1	28	3245	64.6	75
TX88V5433	16	3178	70.6	100
TX88V5440	11	3161	68.8	100
XH1231	36	3080	65	75
XH900	35	2952	62.7	40
TH902	45	2875	65.7	75
NE88595	33	2818	63.9	100
WI88-024	40	2811	70.6	8
KS87H6	27	2707	63.4	35
NE87409	31	2656	66.4	45
XH1322	37	2646	64.9	40
XH1514	38	2508	63.5	90
PI495594	3	2455	65.1	35
NE87615	30	2421	61.6	65
NE88427	34	2357	65	100
TX84V1418HF	10	2354	61.3	15
WI88-083	39	2219	55.5	35
CI13996	2	2118	65.5	50
CO860086	22	2085	53.1	55
CO860094	23	1765	55.7	70
CI1442	1	1580	65.9	85
OK87W663	4	.	.	20
OK87542	5	.	.	13
OK88767	7	.	.	8
OK88W833	8	.	.	5
TX88V4636	9	.	.	8
TX88V4635	12	.	.	3
TX87V1613	13	.	.	0
TX88V4524	14	.	.	3
TX89V4138	15	.	.	0
TX86D1310	17	.	.	3
TX86D1332	18	.	.	3
TX88D3424	19	.	.	0
CO850034	20	.	.	0
CO850061	21	.	.	0
KSSB-369-7	24	.	.	0
KSSB-192-3	25	.	.	0
HBC197F	26	.	.	0
KS88H12-2	29	.	.	20
T67	42	.	.	18

ABERDEEN

IDAHO

TWO REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1	LODGING 0-9	STRIPE RUST SEV.	STRIPE RUST RESP	COMMON BUNT %
OK88W833	8	12593	81.9	102	161	1.5	70	8	25
XH1231	36	12519	80.6	103	164	1	40	5	10
KS88H12-2	29	11819	81.7	97	164	1	60	6	20
CO860086	22	11816	79.7	93	167	1	60	5	5
TX89V4138	15	11557	82.3	97	162	2.5	10	4	5
TX88V4635	12	10931	78.8	104	165	3	10	5	20
CO860094	23	10793	78.7	99	167	1	90	9	5
XH1514	38	10585	80.2	100	163	1	80	7	5
NE88595	33	10514	80.4	100	161	1.5	90	9	15
TX88V4636	9	10474	78.6	100	165	1	50	5	25
TX84V1418HF	10	10423	81.7	100	164	1.5	60	6	15
TX87V1613	13	10275	80.4	104	163	4	1	1	10
CO850034	20	10228	81.4	103	165	1	90	9	15
T21-3	43	10138	81.1	102	162	1	80	8	10
PI495594	3	9963	80.1	94	162	1.5	90	9	0
KSSB-369-7	24	9922	82.3	89	159	1	80	8	10
KSSB-192-3	25	9805	82	93	161	1	1	1	25
WI88-083	39	9660	81.1	88	161	1	80	8	0
TX88V4524	14	9633	81	89	161	1	20	4	25
OK87W663	4	9603	80.5	97	161	1	70	6	25
TX88D3424	19	9556	79.3	74	160	1	1	1	25
CO850061	21	9499	81.9	97	163	1	70	7	15
TX88V5440	11	9435	80.4	89	161	1	10	4	15
OK87630	6	9307	82	99	160	1.5	70	7	25
KS88H12-1	28	9270	80.6	91	164	1	50	5	15
XH900	35	9206	78.9	98	163	1	40	5	15
OK88767	7	9031	80.4	98	163	1	50	5	25
OK87542	5	9014	80.4	102	161	1.5	70	8	25
TH902	45	8994	79.2	100	162	1	80	8	0
T19-3	41	8833	80.5	102	160	1	90	8	20
TX86D1310	17	8762	82	98	162	1.5	80	9	20
NE87451	32	8705	81.3	85	161	1	90	9	15
TX88V5433	16	8658	81.1	94	164	1	10	4	25
NE87409	31	8560	81	107	162	1	90	9	25
NE87615	30	8553	79.7	93	164	1	90	9	15
TH901	44	8550	79.9	100	161	1	60	7	10
WI88-024	40	8503	81	105	162	1	15	4	25
T67	42	8493	81.7	104	163	1	60	5	25
HBC197F	26	8190	79.1	91	164	1	70	7	20
TX86D1332	18	7958	82	95	163	1.5	60	8	20
KS87H6	27	7871	80.1	97	161	1	90	9	5
XH1322	37	7571	79.7	95	163	1	50	8	15
CI13996	2	7477	81.5	121	160	2.5	60	7	20
NE88427	34	7225	80	93	160	1	90	9	5
CI1442	1	6539	79.3	124	167	5	15	5	20
MEAN		9489							
LSD(.05)		2588							
C.V.		13.5							

PRESTON

IDAHO

TWO REPLICATIONS

C.I. OR SEL. NO.	ENTRY NO.	YIELD KG/HA	VOLUME WEIGHT KG/HL	PLANT HEIGHT CM
OK88W833	8	2805	78.4	71
TX84V1418HF	10	2681	76.9	77
CO850061	21	2650	78	72
TX88V5440	11	2502	76.9	67
OK87630	6	2479	77.4	76
CO860086	22	2459	77.7	64
WI88-083	39	2459	76.5	71
CO850034	20	2455	74.2	67
TX88V4524	14	2452	79.7	69
TX86D1310	17	2395	77.3	74
XH1514	38	2368	74.7	75
TX89V4138	15	2338	75.5	74
TX88V5433	16	2328	77.4	71
KS88H12-1	28	2324	77.5	65
TH902	45	2280	77.5	80
OK88767	7	2277	76.8	71
KSSB-369-7	24	2267	80.6	65
XH1231	36	2264	74.7	74
XH900	35	2230	74.7	75
WI88-024	40	2206	77.3	83
TH901	44	2156	77.8	71
NE87451	32	2153	74.9	69
KS87H6	27	2149	78.2	70
TX86D1332	18	2146	77	72
KSSB-192-3	25	2112	75.9	69
OK87W663	4	2092	76.9	74
NE88595	33	2085	76.5	66
OK87542	5	2052	76.5	72
NE87409	31	1995	77.1	74
T67	42	1971	75.2	70
HBC197F	26	1968	72.6	62
PI495594	3	1964	74.8	71
T21-3	43	1964	78	70
CI13996	2	1934	76.2	79
KS88H12-2	29	1931	71.5	65
TX88V4636	9	1924	72.1	62
XH1322	37	1904	77	75
NE88427	34	1880	77.8	64
TX88V4635	12	1860	73.9	64
TX87V1613	13	1799	77.3	66
CO860094	23	1762	74.6	64
NE87615	30	1759	74.6	62
T19-3	41	1749	75.9	72
TX88D3424	19	1736	67.5	58
CI1442	1	1413	76.1	85
MEAN		2148		
LSD(.05)		549		
C.V.		12.6		