Table 8. Summary of agronomic and yield data for 45 wheats grown in the 1997 Southern Regional Performance Nursery.

VARIETY OR PEDIGREE	C.I. OR SEL. NO.	ENTRY NO.	PLANT HEIGHT CM	DAYS TO HEADING FROM 1/1	LODGING %	WINTER SURVIVAL %	WINTER INJURY 0-5	GRN LEAF DURATION 0-9	SEPTORIA TRITICI %
Number of Locations			22	19	4	1	2	2	1
Quantum Hybrid Wheat	XH1881	37	87	132	27.4	30	0.8	7.5	31
Kavkaz/TX86D1308//Sturdy/TAM-300	TX91D6856	8	79	134	29.3	13	0.8	7.3	26
HBY756A/Sx1//2180	OK94P549	5	82	132	15.2	17	1	6	34
Quantum Hybrid Wheat	XH1877	36	80	132	21	37	0.8	9	27
TXGH12588/TX86D1317	TX91D6825	7	87	134	22.2	33	0.8	6.3	40
1992 Nebraska Bulk Selection	G12017	45	86	132	59.3	20	1	8.5	35
KS87H22/Mesa	KS94H147	19	83	135	33.2	23	1	7.5	25
HBK0689	W94-320	31	86	133	37.2	10	0.8	7.5	44
W13445*2/W161/VW162)x244	HBG0358	9	87	133	22.2	17	1.3	6	27
2180/Karl//2163	KS940935-1255	21	83	133	15	23	1	6.8	43
Mesa/Carson	CO910424	16	85	132	32.5	17	1.3	9	38
Bez1/Ctk78//Arthur/Ctk78/3/Bnt/4/Nkn	NE93427	26	85	132	31	13	1	8.5	36
Quantum Hybrid Wheat	WX94-1604	35	83	130	32.2	30	1	7.8	25
KS82W418/Stephens	KS84W063-9393	23	87	135	29.8	23	0.8	7	19
Quantum Hybrid Wheat	WX95-2401	38	79	131	22.5	20	1	8.3	28
KS82W422/SWM754308//KS831182/KS82W422	KS85W663-11-6	22	82	134	21	17	1.3	6.3	24
BCD1828/83	G1594	43	89	135	16.7	20	1	8.5	25
Colt/Victory//Sturdy/Amigo	W94-042	29	76	135	47.4	20	0.8	7.5	37
Quantum Hybrid Wheat	WX94-3504	34	80	131	16.7	30	1	7.5	35
Abilene/Norkan//Rawhide	NE94632	28	84	132	32	30	0.8	6.5	37
Karl/HBY385D//2163	KS941064-6	20	78	132	13.4	30	1.3	6.5	50
T200/HBB313E//2158	OK94P461	6	78	132	5.8	17	0.8	7	37
KS831936-3//Colt/Cody	N95L158	24	79	135	23.5	43	1	7.3	32
NE83407/3/FLN/ACC//ANA	TX94V2327	10	83	134	47.2	10	0.5	7	26
Complex Pedigree	W94-137	30	78	133	10.9	17	0.8	8.3	36
T67/T81	T94	42	87	131	24.9	33	0.8	9	32
TAM-107/Caldwell	T86	40	86	130	32.1	27	1	9	43
Complex Pedigree	W94-245	32	75	132	4.9	30	1	8.5	38
Rio Blanco/Bai Quan #3039	TX95V4926	12	80	135	21.6	23	1	9	23
G2148//Bezostaya/Plainsman 5	G1720	44	84	134	29	20	0.8	8.5	39
NE85707/Thunderbird	NE93496	27	91	136	7.1	40	0.8	8	41
NE85707/Thunderbird	NE93405	25	89	132	25.2	27	1	8	42
Bulk Selection	W94-435	33	79	133	17.3	27	0.8	7	38
NE83407/TX88V4834	TX95V4933	13	78	135	29.5	13	1	9	23
Karl/T67	T93	41	85	131	39.9	13	1	9	24
TX85V1326/Karl	TX94V2130	15	78	131	38.2	27	1	9	39
Yuma-R21	CO940700	18	81	133	27.3	13	1.3	9	39
T68/KS90WGRC10	T89	39	83	130	23.2	23	0.8	8.5	35
Cimarron sib/Fundulea 133	OK93617	4	75	133	20.5	20	1	7.5	32
TX88V4914/NE83407	TX95V5332	14	86	136	23.6	27	1	8.5	28
Composite Cross	TX94V3329	11	77	133	58.8	23	0.8	8.5	32
TAM-107 (PI495594)	TAM-107	3	79	130	25.4	23	1	9	37
Yuma/TAM-107	CO920696	17	79	132	31.7	10	1	9	34
Scout 66 (CI13996)	SCOUT66	2	95	135	78.7	23	0.8	9	37
Kharkof (CI1442)	KHARKOF	1	104	139	70.1	30	0.8	8	34

Table 8. Concluded.

C.I. OR SEL. NO.	ENTRY NO.	LEAF RUST SEV. %	LEAF RUST RESP 0-9	LEAF RUST SEVERITY 0-9	STRIPE RUST SEV. 0-5	SBM VIRUS 0-9	BYD VIRUS %	HARVEST INDEX %	GRAIN PROTEIN %	GRAIN HARDNESS	% OVER 6.5/64 SCREEN	VOLUME WEIGHT KG/HL	YIELD KG/HA
Number of Locations		3	4	5	1	2	1	1	3	2	1	31	33
XH1881	37	3	3	2.1	3	1	9	42	12.4	86	52	75.4	4446
TX91D6856	8	2	2	1.5	3	3.8	6	41	12	65	51	74.1	4193
OK94P549	5	5	3	1.8	4	6.5	7	41	12.9	88	62	76.9	3960
XH1877	36	14	8	4.9	2	2	7	43	12.4	77	59	75.1	3907
TX91D6825	7	5	3	1.4	4	1	10	39	12.6	101	40	75.5	3895
G12017	45	35	8	4.9	3	1	8	45	12	95	34	74.5	3871
KS94H147	19	30	7	4.5	5	1	8	41	13.2	98	71	77.5	3870
W94-320	31	20	7	4	3	1	10	43	12.9	97	66	74.6	3867
HBG0358	9	3	3	1.7	3	1	8	45	12.7	94	51	76.4	3847
KS940935-1255	21	13	6	2.5	3	1	12	35	13.3	94	43	76.3	3838
CO910424	16	80	8	7.6	4	1	13	39	11.8	87	68	76.5	3833
NE93427	26	37	8	3.7	3	1	12	42	12.8	86	69	77.8	3833
WX94-1604	35	7	5	2	2	1	8	39	13.7	91	74	75.6	3823
KS84W063-9393	23	4	6	2.5	1	1.5	7	41	14.5	96	42	76.1	3786
WX95-2401	38	22	7	3.2	2	1.5	7	36	13	87	31	77.3	3773
KS85W663-11-6	22	0	2	1.4	1	1	14	39	13.8	67	72	76.4	3755
G1594	43	37	8	5.5	2	1	9	39	13.2	83	79	76.3	3746
W94-042	29	10	4	2.5	2	6.8	14	40	13.1	98	47	76.5	3736
WX94-3504	34	8	4	3.3	3	1	9	44	13.8	113	72	76.5	3736
NE94632	28	13	4	2.7	3	4.8	11	33	12.7	89	53	74.6	3725
KS941064-6	20	5	3	2.1	3	1.5	8	42	12.5	94	61	74.3	3724
OK94P461	6	7	2	1.9	4	1	18	43	12.8	80	63	75.8	3700
N95L158	24	17	7	5.5	4	1	20	40	13.2	91	58	73.7	3684
TX94V2327	10	10	7	2.8	4	7.2	5	35	13	100	62	74.5	3673
W94-137	30	47	8	5.4	4	1	16	37	13.2	90	48	76.3	3661
T94	42	40	8	6	3	1.7	24	43	12.7	91	68	77	3648
T86	40	47	8	6.3	5	3.5	7	45	12.3	102	51	75.6	3585
W94-245	32	40	7	6.1	5	6.3	12	40	13.4	106	26	76.2	3511
TX95V4926	12	80	8	6.4	4	5.8	7	40	13.1	86	44	73.9	3507
G1720	44	33	7	4.2	3	1	13	39	14.2	92	61	75.2	3498
NE93496	27	28	8	3.7	3	5.2	21	34	13.8	91	63	76.6	3497
NE93405	25	33	8	3.6	2	7.3	21	36	13.5	92	79	76.7	3486
W94-435	33	15	7	3.4	5	4.2	45	40	12.9	93	34	76	3485
TX95V4933	13	87	8	7.1	4	6.7	2	42	12.5	96	51	73.1	3477
T93	41	47	8	6.9	3	1	17	38	13.6	84	54	76.2	3442
TX94V2130	15	93	8	8.8	5	1.5	10	44	11.8	82	40	76	3423
CO940700	18	50	8	6.4	3	7.8	20	37	12.4	87	60	76	3409
T89	39	70	8	6.8	4	1.5	14	38	13.6	90	64	75.1	3409
OK93617	4	27	6	3.5	4	7.2	5	38	13.4	92	76	76.3	3390
TX95V5332	14	43	8	6.9	3	5	19	43	13.8	39	51	74.8	3390
TX94V3329	11	27	8	6	3	7.2	13	43	13.3	36	38	77.3	3284
TAM-107	3	93	8	8.3	5	5.7	5	49	11.7	95	47	74.6	3210
CO920696	17	80	8	8.3	4	5.5	15	37	12	76	46	74.2	3208
SCOUT66	2	67	8	6.6	4	7.7	36	29	13.4	89	64	76.6	2937
KHARKOF	1	30	8	5.1	3	6.3	48	29	14.2	66	19	75.9	2477