

Table 1. Yield and agronomic performance for 45 wheats grown in the 1998 SRPN.

Hays, Kansas Three Replications									
C.I. or Selection	Entry No.	Yield kg/ha	Volume weight kg/hl	Days to heading after 1/1	Plant height cm	Leaf rust % flag leaf infected	Reaction type*	Head shattering (0-9)	Wheat Streak Mosaic Virus**
KS89180B-2-1	21	5801	77.7	138	89	0	R	3	S
WX94-3504	33	5692	80.2	135	94	10	MR	4	MS
XH1875	35	5669	78.6	135	94	5	MS	3	S
KS97P0630-4-5	22	5609	77.5	137	88	1	MR	5	VS
OK94P549	4	5588	79.1	135	95	0	R	4	S
XH1872	36	5568	78.8	134	97	0	R	6	S
XH1881	34	5553	76.7	136	99	5	MR	7	MR
OK95571	6	5521	79.3	134	93	1	MS	4	S
OK95593	7	5414	79.9	135	88	0	R	3	MS
OK95548	5	5407	79.8	134	86	0	R	3	S
TX91D6856	10	5398	78.9	138	84	0	R	3	MS
KS95HW62-6	17	5387	80.6	137	95	1	MS	3	MS
W95-210	28	5387	78.1	139	97	1	MS	3	MS
KS90175-3	20	5317	79.6	136	93	0	R	6	VS
G15111	45	5279	79.4	137	84	0	R	3	S
TAM-107	3	5275	77.7	133	93	100	S	2	MS
W95-301	31	5232	79.4	137	91	0	R	3	MS
G15458	44	5178	80.0	137	90	5	MS	3	S
W94-244-132	30	5158	78.6	136	90	0	R	3	S
TX94V2327	11	5151	77.3	137	95	0	R	3	MR
W95-188	29	5140	80.5	137	102	0	R	4	MS
TX94V2130	15	5127	79.5	134	90	100	S	3	S
T102	40	5118	79.9	135	91	40	S	5	MS
G14264	41	5102	78.9	135	90	80	S	3	S
W95-221	32	4985	77.8	139	96	1	S	3	S
N95L158	25	4972	76.0	139	91	50	S	3	S
KS95H167-3	18	4963	79.1	137	99	5	MS	3	MS
G15048	42	4797	76.9	139	91	80	S	3	S
CO940700	16	4777	80.5	135	91	50	S	5	S
G15011	43	4748	77.6	137	94	100	S	3	S
NE93496	26	4640	77.4	139	104	10	MS	4	S
OK95G701	8	4629	81.6	136	90	50	S/MS	3	S
T101	39	4551	75.6	134	89	5	MS	5	S
TX95V4933	13	4533	75.1	137	91	80	S	3	MS
T99	37	4504	77.3	137	103	20	MS	6	S
TX95V4926	12	4499	76.4	137	93	80	S	3	MS
KS91W009-6-1	24	4497	73.4	140	96	5	MR	5	S
TX91D6825	9	4488	76.4	136	97	1	MR	7	MS
KS95H176-1	19	4450	76.2	140	103	5	MS	3	MS
TX95V5332	14	4380	78.5	138	99	30	S	6	MS
T100	38	4302	80.7	134	97	80	S	6	S
NE94632	27	4190	76.2	135	94	5	MS	7	S
KS97W0935-29-15	23	3954	76.4	136	94	0	R	9	MS
Scout 66	2	3905	79.6	138	113	50	S	3	S
Kharkof	1	2768	74.9	144	111	100	S	3	S
Mean		4947							
LSD (0.05)		350							
C.V. (%)		4.4							
*S=susceptible, MS=moderately susceptible, MR=moderately resistant, R=resistant									
** VS=very susceptible, S=susceptible, MS=moderately susceptible, MR=moderately resistant									