Table 4. Mean grain yield and stability analyses* for 45 wheats grown in the 1998 SRPN.

C.I./Selection	ENTRY	Regional average (kg/ha)	Regression coefficient (b)	Coefficient of determination (r^2)	Deviations from regression (mean square)
XH1881	34	4755	1.25	0.92	220356
XH1872	36	4726	1.08	0.91	193580
WX94-3504	33	4623	1.04	0.91	173269
KS89180B-2-1	21	4611	1.03	0.89	202370
XH1875	35	4588	1.09	0.96	79375
TX91D6856	10	4560	1.16	0.93	164856
KS97P0630-4-5	22	4451	0.98	0.88	200552
KS90175-3	20	4436	0.96	0.81	353197
W94-244-132	30	4399	0.97	0.94	96463
T102	40	4354	1.04	0.91	163991
OK95548	5	4326	0.97	0.85	263642
OK95571	6	4325	1.12	0.90	226913
OK94P549	4	4314	1.08	0.90	201336
KS95HW62-6	17	4292	1.05	0.87	264512
G15458	44	4259	1.01	0.94	104768
G15111	45	4222	1.24	0.87	359279
N95L158	25	4199	1.06	0.83	362293
G14264	41	4182	1.07	0.94	109085
G15011	43	4181	1.07	0.91	186808
TX94V2130	15	4172	0.90	0.75	437867
TX94V2327	11	4152	0.85	0.86	179294
OK95593	7	4148	0.90	0.75	421328
CO940700	16	4124	0.97	0.92	125751
KS95H167-3	18	4120	1.16	0.92	178023
TAM-107	3	4106	1.06	0.85	321933
W95-188	29	4084	0.90	0.87	187523
TX95V4933	13	4072	1.04	0.88	238774
TX95V4926	12	4059	1.09	0.90	218002
KS97W0935-29-15	23	4049	0.88	0.73	447955
T101	39	4028	0.93	0.85	176949
G15048	42	4019	1.16	0.87	327779
T99	37	4000	0.91	0.95	62216
W95-221	32	3957	1.22	0.90	290711
W95-210	28	3950	1.00	0.92	146118
TX91D6825	9	3947	0.95	0.80	363883
W95-301	31	3942	0.77	0.83	188292
OK95G701	8	3940	0.94	0.91	131667
T100	38	3931	0.85	0.91	112696
KS95H176-1	19	3837	1.18	0.84	409490
KS91W009-6-1	24	3822	1.01	0.88	217238
NE94632	27	3822	0.83	0.79	298988
NE93496	26	3792	0.92	0.93	102350
TX95V5332	14	3784	0.85	0.88	157969
Scout 66	2	3181	0.83	0.77	320575
Kharkof	1	2576	0.59	0.51	529073

*Stability parameters obtained by regression of entry mean grain yield on environmental index (location mean grain yields).