

**Table 4.** 1990 Spring Barley Variety Trial

	MEASUREMENT <sup>b</sup>										
Variety	POP <sup>a</sup>	HEA	HES	HGT	TEW	YIE	STR	YIM	KPH	TKW	NEG
	no/m <sup>2</sup>	no/m <sup>2</sup>	no	in	lbs/ac	bu/ac	lbs/ac	bu/ac	no	mg	%
Azure	215	372	1.8	33	47.3	44.5	3689	64.3	28.0	33.35	2.53
Bowmn	235	579	2.5	29	50.3	41.4	3706	62.5	11.7	41.67	2.74
Gallati	175	519	3.1	30	47.6	45.6	3500	56.1	18.0	32.39	2.65
Hector	190	605	3.3	34	48.2	42.2	3986	62.0	15.9	34.85	2.71
Robust	230	309	1.4	34	47.2	27.5 <sup>c</sup>	3407	63.6	33.3	33.22	2.79
Morex	167	307	1.9	33	46.9	33.5 <sup>c</sup>	3224	56.8	32.5	30.63	2.62
<b>LSD</b>	NS	71	0.7	2	0.7	4.2	382	8.2	0.50	2.6	NS

<sup>a</sup> Variable because of non-uniform germination.

<sup>b</sup> POP = Plant population, pre-three leaf stage.

HEA = Total heads (includes those that were white).

WHE = White heads.

HES = HEA/POP.

HGT = Height at harvest.

TEW = Test weight.

YIE = Grain yield, combine sample.

STR = Straw yield, from square meter samples.

YIM = Grain yield, from square meter samples.

KPH = Kernels per head, calculated from HEA, YIM, and TKW from YIE.

TKW = 1000-kernel weight, combine sample

NEG = Nitrogen concentration in grain, combine sample.

(All weights are expressed on an oven-day basis.)

<sup>c</sup> Two rows of harvested area were inferior to the other for reasons not determined.