

Table 1 Adjusted means for yield contributing characters of 24 best significantly superior for grains yield/plant in 530 germplasm of barley

germplasm	grain yield/plant	germination % in field condition	days to plant 50% flowering	plant height (cm)	no. of spikelets length (cm)	no. of spikelets length (cm)	no. of grains/spike	100-grain weight (g)	length of seed (mm)	breadth of seed (rom)	length/breadth ratio	seed density g. ml <sup>3</sup>	seed germination % in lab condition	
RD 2496	15.83	-	-	-	7.37	10.01	-	60.0	4.91	10.32	-	3.08	-	-
BHS 249	15.01	-	-	80.23	6.72	8.53	21.65	57.5	-	10.66	3.57	2.98	-	98.10
BHS 262	10.73	-	-	-	-	-	20.15	-	4.65	10.33	3.47	2.97	-	98.10
DL 443	9.79	-	80.75	-	-	8.73	23.35	54.3	4.66	-	3.42	-	-	98.10
DL 454	9.15	-	-	87.99	-	9.23	19.75	56.50	5.67	10.47	3.63	-	1.26	-
K 273	19.63	-	-	-	9.67	9.03	19.00	50.50	-	9.50	-	-	1.46	-
K 370	10.25	-	79.25	81.78	7.27	8.53	-	66.70	4.86	9.44	-	-	1.59	-
K 375	13.53	74.40	76.25	-	7.47	9.13	22.35	54.10	5.69	9.88	3.43	-	1.29	-
K 396	10.25	-	78.75	83.28	8.12	8.23	22.40	55.00	5.63	10.24	3.61	-	1.27	98.60
K 413	10.97	-	74.75	-	6.12	8.10	19.40	57.00	4.85	10.31	-	3.18	-	-
K 426	9.25	-	74.75	83.48	-	9.13	19.20	52.80	4.81	9.64	-	3.20	-	-
K 478	17.61	-	74.75	-	8.72	9.83	18.04	50.20	5.24	9.84	-	2.90	-	-
K 494	10.27	-	72.75	-	-	-	17.20	56.60	4.67	-	-	-	1.33	-
K 501	15.90	-	73.25	83.53	7.72	8.53	-	56.90	-	9.15	-	-	-	-
K 511	15.42	-	73.25	-	6.92	8.33	19.90	56.30	4.78	-	-	-	-	-
K163	10.44	-	73.25	-	-	10.12	19.90	56.70	-	-	-	-	-	-
BH 35	9.47	-	78.25	88.98	-	-	19.70	-	5.72	-	3.54	-	-	-
BH 485	10.11	-	56.75	-	-	-	-	50.55	-	10.52	3.40	-	-	-
P 227	10.62	71.40	76.75	89.48	-	-	18.70	50.75	4.78	9.89	-	2.95	-	98.10
P 267	12.22	-	76.75	90.88	6.62	8.78	-	-	4.99	9.16	-	-	-	-
P 465	14.08	-	76.75	84.25	9.62	-	-	-	4.61	9.84	3.52	-	-	-
P 486	19.47	-	79.75	-	9.82	-	18.70	61.80	4.44	9.02	-	-	-	-
P 513	11.93	-	-	76.75	7.62	-	22.45	-	4.89	9.47	3.65	-	-	97.60
P 515	15.36	-	79.75	-	10.22	-	18.25	-	-	-	3.41	-	-	96.60
Checks	7.68	66.90	80.75	75.58	5.67	7.78	17.20	47.90	4.18	8.77	3.29	2.66	1.17	94.60
Lsd -2	1.00	0.51	1.00	4.43	0.42	0.50	0.66	1.11	0.22	0.16	0.10	0.09	0.05	0.30
Lsd- 3	1.35	0.97	1.35	5.97	0.57	0.67	0.90	1.50	0.30	0.22	0.14	0.13	0.08	1.84