

Table 6. Mean grain yield of wheat genotypes in the individual eight environments (E₁ to E₈) and the stability parameters as per Eberhart and Russel (1966).

| Genotypes | E1 | E2 | E3 | E4 | E5 | E6 | E7 | E8 | Mean | b_i | S^2_{di} |
|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------|--------------------|-----------------------|
| HS 562 | 28.033 ^{ab} | 39.433 ^b | 21.333 ^b | 11.833 ^{ab} | 38.400 ^{ab} | 36.400 ^{bc} | 26.767 ^b | 15.033 ^{ab} | 27.154 | 0.884 ⁴ | 18.844 ^{4**} |
| HD 2967 | 29.833 ^a | 51.700 ^a | 28.400 ^a | 15.867 ^{ab} | 44.067 ^a | 47.933 ^a | 35.800 ^a | 18.800 ^{ab} | 34.050 | 1.108 ³ | 31.154 ^{5**} |
| HD 3086 | 19.467 ^{cd} | 24.700 ^d | 19.300 ^{bc} | 9.800 ^b | 40.467 ^{ab} | 45.667 ^a | 36.933 ^a | 14.500 ^{ab} | 26.354 | 1.162 ⁵ | 10.415 ^{3**} |
| HI1544 | 22.133 ^{bc} | 27.233 ^{cd} | 21.300 ^b | 10.300 ^{ab} | 44.200 ^a | 41.400 ^{ab} | 34.667 ^a | 16.533 ^{ab} | 27.221 | 1.082 ² | 3.191 ¹ |
| MACS 6222 | 28.767 ^{ab} | 34.200 ^{bc} | 25.233 ^{ab} | 17.300 ^b | 42.867 ^a | 44.900 ^a | 32.700 ^{ab} | 13.667 ^b | 29.954 | 0.992 ¹ | 5.185 ^{2*} |
| WR 544 | 12.833 ^d | 17.633 ^e | 13.200 ^c | 11.533 ^{ab} | 34.600 ^b | 34.000 ^c | 33.300 ^{ab} | 20.933 ^a | 22.254 | 0.772 ⁶ | 34.614 ^{6**} |
| Population Mean | 23.511 | 32.483 | 21.461 | 12.772 | 40.767 | 41.717 | 33.361 | 16.578 | 27.831 | | |
| SEm (±) | 1.233 | 1.309 | 1.252 | 0.618 | 1.959 | 2.486 | 1.825 | 2.132 | 1.725 | | |
| Environmental Index | -4.320 | 4.652 | -6.370 | -15.059 | 12.935 | 13.885 | 5.530 | -11.253 | | | |
| CV (%) | 9.082 | 6.981 | 10.100 | 8.376 | 8.322 | 10.321 | 9.473 | 22.266 | | | |
| CD (P≤0.05) | 3.885 | 4.125 | 3.943 | 1.946 | 6.172 | 7.833 | 5.749 | - | | | |

Four different dates of sowing; November 5th (D1), November 25th (D2), December 15th (D3), and January 5th (D4). These four different dates of sowing (D1, D2, D3, and D4) in the two years were treated to be a total of eight different environments (E1 to E8), considering the macro and micro-environmental situations. So E1 was D1 in the first year of 2017-18, E2 was D2 in the first year of 2017-18, E3 was D3 in the first year of 2017-18, E4 was D4 in the first year of 2017-18, E5 was D1 in second year 2018-19, E6 was D2 in second year 2018-19, E7 was D3 in second year 2018-19, and E8 was D4 in second year 2018-19. *Significant at 5% probability level, ** Significant at 1% probability level; Values in superscript in the format 1-6 indicate the respective ranks; Values in superscript in the format of a, b, ab, etc. indicate the DMRT values.

