

Table 3 Pearson's correlation coefficients of the agronomic traits in the 103 accessions

| locations | Correlations | PH | SL | SPS | SD | GPS |
|-----------|--------------|---------|---------|---------|--------|---------|
| HD | SL | -0.13 | | | | |
| | SPS | -0.16 | 0.48** | | | |
| | SD | 0.06 | -0.84** | 0.03 | | |
| | GPS | -0.43** | 0.38** | 0.57** | -0.09 | |
| | TKW | 0.38** | -0.03 | -0.28** | -0.13 | -0.26** |
| SY | SPS | 0.02 | – | | | |
| | GPS | -0.14 | – | 0.50** | – | |
| | TKW | 0.30** | – | -0.20* | – | -0.23* |
| FY | SL | -0.06 | | | | |
| | SPS | 0.05 | 0.56** | | | |
| | SD | 0.15 | -0.83** | -0.04 | | |
| | GPS | -0.13 | 0.52** | 0.64** | -0.25* | |

Note: *, **, correlation was significant at the 0.05 and 0.01 probability level, respectively; “–” indicates that the data was missed in this position; See the footnote of Table 2 for the full names of the traits and locations