**Table S1:** Analysis of variance of %DL in varieties with same alleles as tolerant and sensitive parents at *gwm6* locus.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Source of Variation** |  **SS** | **df** | **MS** | **F** | **P-value** | **F crit** |
|  | Between varieties | 2067.181 | 1 | 2067.181 | 7.401159 | 0.011931 | 4.259677 |
|  | Within varieties | 6703.319 | 24 | 279.305 |  |  |  |
|  |  |  |  |  |  |  |  |
|  | Total | 8770.5 | 25 |   |   |   |   |

**Table S2:** Analysis of variance of %DL of varieties with same alleles as tolerant and sensitive parents at *gwm251* locus.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| **Source of Variation** |  **SS** |  **df** | **MS** | **F** | **P-value** |  **F crit** |
| Between varieties | 3450.103 | 1 | 3450.103 | 10.983 | 0.001715 |  4.034 |
| Within varieties | 15705.59 | 50 | 314.111 |  |  |  |
| Total | 19155.69 |  51 |  |   |   |   |

**Table S3:** Analysis of variance of %DL of varieties with same alleles as tolerant and sensitive parents at *gwm159* locus.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| **Source of Variation** |  **SS** | **df** | **MS** | **F** | **P-value** | **F crit** |
| Between varieties | 77.05557 | 1 | 77.05557 | 0.23496 | 0.631512 | 4.182964 |
| Within varieties | 9510.622 | 29 | 327.9525 |  |  |  |
|  |  |  |  |  |  |  |
| Total | 9587.677 | 30 |   |   |   |   |