**Suppl. Table 8.** Inbreeding depression values of hybrids for yield-related characteristics

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Hybrids** | **PH** | **SL** | **GNS** | **GWS** | **TGW** | **HI** | **GY** |
| NZFE-64/Tekirdağ | -21.11\*\* | 12.71\*\* | 11.76\*\* | -40.13\*\* | -20.75\*\* | -6.42\* | 16.41\*\* |
| NZFE-64/Renan | 6.40\* | 8.47\*\* | -9.68\* | -47.76\*\* | -44.36\*\* | -29.59\*\* | 17.07\*\* |
| NZFE-64/Esperia | -14.56\*\* | -21.28\*\* | -37.42\*\* | -110.50\*\* | -36.91\*\* | -30.96\*\* | 4.57 |
| NZFE-63/Tekirdağ | -0.34 | 10.34\*\* | 15.35\*\* | 1.71 | -43.08\*\* | -20.89\*\* | -20.57\*\* |
| NZFE-63/Renan | -4.63 | 19.71\*\* | -0.45 | -9.36 | -29.30\*\* | -14.60\*\* | 5.21\* |
| NZFE-63/Esperia | -10.56\*\* | -4.39 | -21.37\*\* | -64.30\*\* | -31.56\*\* | -19.07\*\* | 19.38\*\* |
| NZFE-62/Tekirdağ | -6.79\*\* | 20.00\*\* | -1.38 | -26.58\*\* | -1.30 | -10.85\*\* | -14.48\*\* |
| NZFE-62/Renan | 0.62 | 12.60\*\* | 2.15 | -26.42\*\* | -27.54\*\* | -22.26\*\* | -29.15\*\* |
| NZFE-62/Esperia | -13.19\*\* | 7.63\*\* | -35.29\*\* | -124.19\*\* | -39.83\*\* | -8.42\*\* | 0.31 |
| 4162-28/Tekirdağ | -1.18 | 10.17\*\* | -0.39 | -41.02\*\* | -20.25\*\* | -12.36\*\* | 23.61\*\* |
| 4162-28/Renan | -9.14\*\* | 7.81\*\* | -49.74\*\* | -60.55\*\* | -2.74 | -6.70\*\* | 10.40\*\* |
| 4162-28/Esperia | -9.42\*\* | 2.52 | -65.40\*\* | -97.90\*\* | -14.66\*\* | -58.55\*\* | -133.20\*\* |
| 4166-1/Tekirdağ | 5.56\* | 11.76\*\* | -38.65\*\* | -59.97\*\* | -27.89\*\* | -57.29\*\* | -61.41\*\* |
| 4166-1/Renan | -4.04 | 22.39\*\* | -7.53 | -51.57\*\* | -25.98\*\* | -37.85\*\* | -4.53 |
| 4166-1/Esperia | -10.64\*\* | 5.05 | -36.90\*\* | -97.18\*\* | -45.34\*\* | -47.18\*\* | -109.69\*\* |
| 4164-36/Tekirdağ | -20.40\*\* | 6.96\*\* | -47.78\*\* | -78.69\*\* | -15.21\*\* | -79.24\*\* | -174.88\*\* |
| 4164-36/Renan | -8.14\*\* | 11.20\*\* | -18.03\*\* | -33.60\*\* | -4.14 | -24.70\*\* | 0.00 |
| 4164-36/Esperia | -10.08\*\* | 7.83\*\* | -28.40\*\* | -52.17\*\* | -12.65\*\* | -56.96\*\* | -60.61\*\* |
| NZFE-25/Tekirdağ | -14.79\*\* | 3.45 | 6.75 | -39.33\*\* | -59.17\*\* | -13.67\*\* | -27.88\*\* |
| NZFE-25/Renan | -15.54\*\* | 5.26\* | -14.71\*\* | -48.06\*\* | -25.45\*\* | -8.01\*\* | -33.47\*\* |
| NZFE-25/Esperia | -19.70\*\* | 2.78 | -44.13\*\* | -145.28\*\* | -59.11\*\* | -67.84\*\* | -233.01\*\* |
| NZFE-38/Tekirdağ | -11.90\*\* | -6.48\* | -31.47\*\* | -75.25\*\* | -37.77\*\* | -60.56\*\* | -102.65\*\* |
| NZFE-38/Renan | -11.83\*\* | 7.32\*\* | -0.49 | -26.98\*\* | -19.79\*\* | -8.37\*\* | 34.80\*\* |
| NZFE-38/Esperia | -18.23\*\* | -7.69\*\* | -7.79\* | -36.42\*\* | -33.89\*\* | -8.05\*\* | -10.93\*\* |
| NZFE-55/Tekirdağ | -19.80\*\* | 10.53\*\* | -7.64 | -50.99\*\* | -47.22\*\* | -32.50\*\* | -23.76\*\* |
| NZFE-55/Renan | -16.34\*\* | -2.63 | -9.11\* | -107.45\*\* | -23.09\*\* | -34.73\*\* | -28.69\*\* |
| NZFE-55/Esperia | -22.11\*\* | 1.85 | -11.85\*\* | -70.56\*\* | -58.13\*\* | -44.92\*\* | -123.32\*\* |
| NZFMT-14/Tekirdağ | -1.17 | 1.68 | 1.16 | -56.84\*\* | -49.47\*\* | -45.99\*\* | -95.92\*\* |
| NZFMT-14/Renan | -4.10 | 13.28\*\* | 0.33 | -33.66\*\* | -26.83\*\* | -16.01\*\* | -13.95\*\* |
| NZFMT-14/Esperia | -18.83\*\* | 3.48 | -11.24\*\* | -53.29\*\* | -38.65\*\* | -13.45\*\* | 1.25 |
| NZFMT-15/Tekirdağ | -2.98 | 15.08\*\* | 18.60\*\* | -1.08 | -39.49\*\* | -13.94\*\* | 6.48\* |
| NZFMT-15/Renan | -4.24 | 8.94\*\* | 3.81 | -35.97\*\* | -45.14\*\* | -21.80\*\* | 2.83 |
| NZFMT-15/Esperia | -3.82 | 14.17\*\* | 3.14 | -22.90\*\* | -26.77\*\* | -12.37\*\* | 12.50\*\* |
| NZFMT-21/Tekirdağ | -9.14\*\* | -3.70 | -17.34\*\* | -19.79\*\* | -29.77\*\* | -35.54\*\* | -49.89\*\* |
| NZFMT-21/Renan | -14.30\*\* | 10.48\*\* | 13.72\*\* | -14.18\*\* | -27.71\*\* | -16.31\*\* | -56.38\*\* |
| NZFMT-21/Esperia | -20.65\*\* | 13.11\*\* | -1.22 | -41.07\*\* | -60.69\*\* | -25.01\*\* | -17.88\*\* |

\*P<0,05 , \*\* P < 0,01 (PH: Plant height; SL: Spike length; GNS: Grain number per spike; GWS: Grain weight per spike; TGW: Thousand grain weight; HI: Harvest index; GY: Grain yield)