

Results of foliar disease evaluations made on the MSU official hybrid trial around dent (R5) of *Curvularia* leaf spot and southern rust from the clay irrigated corn hybrid trial conducted at Stoneville, MS.

| Brand/Hybrid <sup>a</sup>      | Disease evaluation (0-9 scale)    |                            |
|--------------------------------|-----------------------------------|----------------------------|
|                                | Curvularia leaf spot <sup>b</sup> | Southern rust <sup>b</sup> |
| AgriGold A643-52VT2RIB         | 6.8 a                             | 1.0 e                      |
| AgriGold A645-16VT2RIB         | 2.3 j-m                           | 1.0 e                      |
| AgriGold A646-30VT2PRO         | 3.0 g-k                           | 1.3 de                     |
| AgriGold A647-79VT2PRO         | 3.3 g-j                           | 1.3 de                     |
| AgriGold A650-21VT2PRO         | 3.3 g-j                           | 1.3 de                     |
| Augusta A1367                  | 2.3 j-m                           | 2.8 a                      |
| Beck's Hybrids 6414V2P         | 4.5 def                           | 1.0 e                      |
| Beck's Hybrids 6743AML         | 2.3 j-m                           | 1.8 b-e                    |
| Beck's Hybrids 6803V2P         | 2.0 klm                           | 1.0 e                      |
| BH Genetics BH 8721VT2P        | 2.0 klm                           | 1.3 de                     |
| BH Genetics X22002VT2P*        | 3.0 g-k                           | 1.0 e                      |
| Croplan CP5497VT2P             | 6.5 ab                            | 1.3 de                     |
| Croplan CP5550VT2P             | 1.8 lm                            | 2.0 a-d                    |
| Croplan CP5678VT2P             | 2.8 h-l                           | 1.3 de                     |
| Croplan X20117C/VT2P*          | 2.3 j-m                           | 1.0 e                      |
| DeKalb DKC62-70                | 5.0 bcd                           | 1.0 e                      |
| DeKalb DKC65-99                | 3.0 g-k                           | 1.0 e                      |
| DeKalb DKC66-06                | 3.0 g-k                           | 2.5 ab                     |
| DeKalb DKC68-35                | 2.3 j-m                           | 2.5 ab                     |
| DeKalb DKC68-69                | 3.0 g-k                           | 1.0 e                      |
| DeKalb DKC69-99                | 2.8 h-l                           | 1.0 e                      |
| DeKalb DKC70-27                | 2.0 klm                           | 1.5 cde                    |
| DeKalb DKC70-45                | 1.8 lm                            | 1.0 e                      |
| Dyna-Gro D52VC63               | 1.7 lm                            | 2.0 a-d                    |
| Dyna-Gro D54VC14               | 6.3 ab                            | 1.0 e                      |
| Dyna-Gro D55VC80               | 1.8 lm                            | 1.0 e                      |
| Dyna-Gro D57VC51               | 3.5 f-i                           | 1.0 e                      |
| Dyna-Gro D57VC53               | 2.0 klm                           | 1.5 cde                    |
| Dyna-Gro D58VC65               | 3.5 f-i                           | 1.8 b-e                    |
| Gateway Seed 1717              | 2.0 klm                           | 1.0 e                      |
| Gateway Seed 2716              | 3.5 f-i                           | 1.3 de                     |
| Gateway Seed 9714              | 6.0 abc                           | 1.0 e                      |
| Great Heart Seed HT-7256DGVT2P | 2.0 klm                           | 1.0 e                      |
| Great Heart Seed HT-7302VT2P   | 2.3 j-m                           | 1.3 de                     |
| Great Heart Seed HT-7393VT2P   | 3.8 fgh                           | 2.3 abc                    |
| Great Heart Seed HT-7425DGVT2P | 3.3 g-j                           | 1.3 de                     |
| Great Heart Seed HT-7499TRE    | 1.8 lm                            | 1.2 de                     |
| Great Heart Seed HT-7541TRE    | 2.3 j-m                           | 1.5 cde                    |
| Innictis A1551VT2P             | 3.0 g-k                           | 2.3 abc                    |
| Innictis A1689T                | 2.8 h-l                           | 1.0 e                      |
| Innictis MEX1791VT2P           | 3.0 g-k                           | 2.3 abc                    |
| LG Seeds 66C06                 | 2.5 i-m                           | 2.3 abc                    |
| LG Seeds 66C44                 | 1.5 m                             | 1.5 cde                    |
| LG Seeds 67C07                 | 3.3 g-j                           | 1.0 e                      |
| LG Seeds 69C03                 | 3.0 g-k                           | 1.0 e                      |
| MorCorn MC 4161                | 4.0 efg                           | 1.8 b-e                    |
| MorCorn MC 4311                | 6.3 ab                            | 1.5 cde                    |
| MorCorn MC 4527(SXP1155)       | 2.0 klm                           | 1.0 e                      |
| MorCorn MC4725                 | 2.0 klm                           | 1.0 e                      |
| Progeny 2015VT2P               | 2.3 j-m                           | 1.5 cde                    |
| Progeny 2118VT2P               | 1.8 lm                            | 1.0 e                      |
| Progeny 2215TRE                | 2.8 h-l                           | 1.5 cde                    |

|                                 |         |         |
|---------------------------------|---------|---------|
| Progeny 2216VT2P                | 1.8 lm  | 1.3 de  |
| Progeny 9114VT2P                | 6.8 a   | 1.0 e   |
| Progeny 9117VT2P                | 2.3 j-m | 1.0 e   |
| Revere Seed 1307TC              | 5.5 bcd | 1.0 e   |
| Revere Seed 1525V               | 2.0 klm | 1.3 de  |
| Revere Seed 1577VT2P            | 6.3 ab  | 1.0 e   |
| Revere Seed 1627TC              | 3.8 fgh | 1.0 e   |
| Revere Seed 1707VT2P            | 2.0 klm | 1.0 e   |
| Revere Seed 1898TC              | 3.0 g-k | 1.0 e   |
| Revere Seed 1919VT2P            | 1.5 m   | 1.8 b-e |
| MSE (0.05)                      | 0.7     | 0.4     |
| CV (%)                          | 27.5    | 47.5    |
| <i>P</i> -value for F-statistic | <0.0001 | <0.0001 |

<sup>a</sup> Hybrid followed by an asterisk is an experimental hybrid.

<sup>b</sup> Means followed by the same letter(s) within a column are not significantly different according to Fisher's Protected LSD ( $P=0.05$ ).

Stoneville, MS CLAY Irrigated OHT