

Field plot rust severity and response of entries of the 2005 North Central Hard Red Spring Nursery to bulks of races of *Puccinia triticina* and *P. graminis* f. sp. *tritici* (Jim Kolmer and Yue Jin, Cereal Disease Laboratory).

| Entry no. | Cultivar/line | Pedigree                               | Leaf rust | Stem rust |
|-----------|---------------|--|-----------|-----------|
| 1         | Marquis       | 3651                                   | 60MS      | 5S        |
| 2         | Chris         | 13751                                  | 30MR-MS   | 0         |
| 3         | 2375          | Olaf//Era/Suqamuxi68/3/Cis/ND487//Lark | 20MR-MS   | t RMR     |
| 4         | Verde         | MN7663/SBY35A                          | 5MR       | t MR      |
| 5         | Keene         | Stoa's'/3/IAS20*4//H567.71//Amidon     | 60MS      | t MR      |
| 6         | SD3687        | SD3305/KS91W005-1-4//SD8089            | 10MR      | t MR      |
| 7         | SD3851        | ND 2897/SD3219//SD3414                 | 5MR       | 0         |
| 8         | SD3854        | ND 2897/SD3219//SD3414                 | 5MR       | t MR      |
| 9         | SD3868        | ND 2897/SD3479//SD3411                 | 30MR-MS   | t MR      |
| 10        | SD3870        | FHBCOMP                                | 10MR      | 0         |
| 11        | CA-904-741    | Express x Knudson                      | t R       | 10SMS     |
| 12        | CA-904-742    | Alsen x Keystone                       | 20MR      | 10MR      |
| 13        | BZ-999-592    | McNeal x WB 906R                       | 70MS      | 10MSS     |
| 14        | CA-904-743    | Granite x Keystone                     | 60MR-MS   | t MR      |
| 15        | 98S0127-06    | N97-0214/3/N93-0338//SUMAI3/DALEN      | 5MR       | 0         |
| 16        | 97S0254-8-1   | N94-0236/IVAN//VERDE                   | 5MR       | 0         |
| 17        | 98S0113-20    | N97-0117/3/N92-0098//SUMAI3/DALEN      | 5MR       | 0         |
| 18        | 99S0006-2     | IVAN/FORGE                             | 10R       | 0         |
| 19        | 99S0051-3-1   | IVAN/KANTO//GRANDIN                    | 10MR      | 0         |
| 20        | NDSW0345*     | MT9904/Alsen                           | 10MR      | t MR      |
| 21        | NDSW0348      | Reeder//IDO560/9712                    | 30MS      | 0         |
| 22        | NDSW0350      | ND622*3/Grandin//ND2891                | 70S       | 0         |
| 23        | MN00261-4     | MN95286/MN94155//Verde                 | 5R        | 5SMS      |
| 24        | MN01311-A     | 97T-1003/Verde                         | t R       | 0         |
| 25        | MN01333-A     | MN97008/MN97695                        | t R       | 0         |
| 26        | MN02072       | MN97695/MN97518                        | 5R        | 0         |
| 27        | MN02252-A     | ND721/MN97448                          | 5MR       | 5SMS      |
| 28        | WA007957*     | Penawawa/Wilgoyne//ID377S              | 40MR-MS   | 0         |
| 29        | BW361         |  | 10MR      | 0         |
| 30        | BW364         |  | 5R        | 0         |
| 31        | BW367         |  | 5MR       | 0         |
| 32        | 00H04*J3      | Mono 3B x FHB37                        | 10MR      | 20S       |
| 33        | MT 0245       | MT9433/ND695                           | 40MS      | t MS      |
| 34        | MT 0266       | ND695/MT9755                           | 20MS      | 5MS       |
| 35        | ND03/1-15     | PARSHALL/ND706                         | t R       | 0         |
| 36        | ND03/1-9      | ND721/ND725                            | t R       | t MS      |
| 37        | ND03/1-13     | ND2831/FO.2808                         | t R       | 0         |
| 38        | ND04/3-18     | ND 744 "S"                             | t R       | 0         |
| 39        | ND04/3-19     | ND2857/3/KITT/AMIDON//GR/STOA SIB      | t R       | t MR      |