

## SUPPLEMENTARY MATERIALS

to the article M.G. Evdokimov, V.S. Yusov, M.N. Kiryakova, L.V. Meshkova, I.V. Pakhotina, D.A. Glushakov "Promising genetic sources for the creation of varieties of durum spring wheat in Western Siberia"

### Supplementary Material 1

The best entries to quality grain and pasta in CIMMYT nurseries

| Samples                                     | Yield to standard, % | Testweight, g/l | Pasta color, ball | Damage, % |                |           | Nursery, year       |
|---|----------------------|-----------------|-------------------|-----------|----------------|-----------|---------------------|
|   |                      |                 |                   | Hard smut | Powdery mildew | Leaf rust |                     |
| Topdi18/Focha1//Altar84                     | 71.9                 | 807             | 4.1               | 5.7       | 60.0           | 0.0       | 32 IDYN, 2000–2001  |
| Dipper 2/Bushen3                            | 75.9                 | 784             | 4.0               | 1.1       | 25.0           | 0.0       |                     |
| Rascon 37/2* Tarro 2                        | 75.9                 | 791             | 4.0               | 0.0       | 50.0           | 0.0       |                     |
| Boomer24/2*Rascon27                         | 93.1                 | 784             | 3.9               | 2.4       | 25.0           | 0.0       |                     |
| Sooty 9/Rascon 37                           | 83.7                 | 763             | 4.0               | 5.9       | 50.0           | 0.0       |                     |
| SN Turk M 182-/Nigres                       | 88.5                 | 746             | 4.0               | 4.4       | 25.0           | 0.0       |                     |
| Plata 8/4/Garza/Afn//Cra//3gta/5/Rascon     | 73.2                 | 765             | 3.9               | 0.0       | 50.0           | 0.0       |                     |
| Rascon 37/Tarro 2                           | 66.9                 | 797             | 3.8               | 1.9       | 25.0           | 0.0       |                     |
| Ajata/Bichena                               | 75.3                 | 765             | 4.2               | 0.0       | 75.0           | 0.0       | 30 EDUYT, 2000–2001 |
| Cnod/Vee//7*Plata 8                         | 85.8                 | 760             | 4.0               | 0.0       | 50.0           | 0.0       |                     |
| Fulvous 1/Meowl 13                          | 87.0                 | 772             | 4.0               | 0.0       | 1.0            | 0.0       |                     |
| Dusky 12/Bushen 3                           | 82.9                 | 770             | 4.1               | 2.9       | 60.0           | 0.0       |                     |
| Tilo 1/Lotus 4                              | 78.1                 | 745             | 4.0               | 2.3       | 50.0           | 0.0       |                     |
| Eth-Lrwh A1-187 (74)/3*Altar 84             | 90.2                 | 750             | 4.0               | 0.0       | 50.0           | 0.0       |                     |
| Cham3/Comdk//Ajata                          | 83.5                 | 773             | 4.2               | 4.4       | 90.0           | 0.0       |                     |
| Yavaus/Tez//Altar 84                        | 75.4                 | 781             | 4.2               | 0.0       | 60.0           | 0.0       |                     |
| Bintere 85/Sula                             | 81.3                 | 747             | 4.0               | 0.0       | 50.0           | 0.0       |                     |
| Corm/Rufo//Ru/3/Rissa/4/Yazi/5/Gutros_1     | 106.3                | 727             | 4.0               | 2.1       | 50.0           | 0.0       |                     |
| Wizza 23/Cona                               | 85.2                 | 745             | 4.1               | 0.0       | 50.0           | 0.0       |                     |
| Dipper 2/Bushen 3                           | 88.2                 | 794             | 4.2               | 5.5       | 40.0           | 0.0       | 34 IDYN, 2002       |
| Yel/Bar/3/Garza/AFN//                       | 97.0                 | 772             | 4.0               | 6.8       | 30.0           | 0.0       |                     |
| Rascon 39/Tilo 1                            | 95.4                 | 770             | 3.9               | 8.2       | 10.0           | 0.0       |                     |
| Chen/Altar 84/3/Hui//Poc//Bub/Rufo/4/Fnfoot | 103.0                | 800             | 4.1               | 12.3      | 40.0           | 0.0       | 32 EDUYT, 2002      |
| Eupoda3/Suv2//Minimus                       | 98.1                 | 812             | 4.1               | 0.0       | 20.0           | 0.0       |                     |
| Kucuk                                       | 109.0                | 793             | 4.1               | 0.0       | 30.0           | 0.0       |                     |
| SN Turk MI83-84/Nldkls5                     | 112.0                | 787             | 4.2               | 0.0       | 20.0           | 0.0       |                     |
| Fulvous 1/Mfowl 13/3/Stot//Altar 84/Ald     | 45.0                 | 792             | 3.7               | 8.5       | 50.0           | 0.0       | 36 IDYN, 2004       |
| Shag 14/Anade 1//Kitti                      | 62.0                 | 779             | 3.6               | 12.4      | 50.0           | 0.0       |                     |
| Tarro 1/2*Yuan_1//Ajaja 13/Yazi             | 89.0                 | 786             | 3.5               | 5.9       | 60.0           | 0.0       |                     |
| Duck 2//Cham 3//Canelo 9                    | 88.0                 | 789             | 3.8               | 0         | 10.0           | 0.0       |                     |
| Somat3/Phax1//Tilo1/Lotus4                  | 89.0                 | 770             | 3.8               | 6.5       | 40.0           | 0.0       | 34 EDUYT, 2004      |
| Plata/Snm//Plata/3/Tilo/Lotus4              | 94.0                 | 787             | 3.5               | 7.8       | 10.0           | 0.0       |                     |
| 1A.1D 5+10-6/2*WB881//La.Ld 5+10-6/3*MOJO/3 | 88.0                 | 783             | 3.7               | 15.7      | 30.0           | 0.0       |                     |
| Ajata 4/Yebas 6                             | 80.0                 | 773             | 3.8               | 1.3       | 10.0           | 0.0       |                     |
| Ajaja_12/F3local (Sel.Ethio. 135.85)        | 86.0                 | 780             | 3.7               | 9.4       | 30.0           | 0.0       |                     |
| SN Turk MI83-84/Lotus 14                    | 93.0                 | 779             | 3.7               | 18.3      | 50.0           | 0.0       |                     |
| Plata 20/Fillo//Sooty 9/Rascon 37/3/Sooty 9 | 82.0                 | 783             | 3.6               | 5.6       | 40.0           | 0.0       |                     |
| Skest/Krm//Sla/3/Sora/2*Plata12/4/Green 18  | 87.0                 | 801             | 3.8               | 4.3       | 50.0           | 0.0       |                     |
| Gs/Cra//Sba81/3/Ho/4/Mexi_L/5/Memo/6        | 91.0                 | 787             | 3.5               | 0.0       | 60.0           | 0.0       |                     |
| Auk/Guil//Green/3/Adamar/4/Rascon37/Tarro 2 | 80.0                 | 808             | 3.5               | 1.5       | 10.0           | 0.0       |                     |
| R143/Ruff//Stil/3/Yav 79/4/Shwa/Mald/5      | 86.0                 | 770             | 3.7               | 7.8       | 50.0           | 0.0       |                     |

## Supplementary Material 1 (end)

| Samples  | Yield to standard, % | Testweight, g/l | Pasta color, ball | Damage, % |                |           | Nursery, year  |
|--|----------------------|-----------------|-------------------|-----------|----------------|-----------|----------------|
|  |                      |                 |                   | Hard smut | Powdery mildew | Leaf rust |                |
| Altar 84   | 87.4                 | 725             | 3.6               | 8.2       | 40.0           | 0.0       | 38 IDYN, 2007  |
| 1A.1D 5+10-/2*WB881  | 83.8                 | 730             | 3.8               | 9.8       | 30.0           | 0.0       |                |
| Cndo/Primadur//Hai-Ou 17/3/Snitan  | 86.3                 | 767             | 3.5               | 15.4      | 60.0           | 0.0       |                |
| Adamar 15//Albia 1/  | 88.6                 | 750             | 3.5               | 16.2      | 10.0           | 0.0       |                |
| Sket/KRM//SLA/3/   | 70.3                 | 738             | 3.9               | 6.2       | 60.0           | 0.0       | 36 EDUYT, 2007 |
| Ajaia 12/F3local(Sel.Ethio.135.85)//Plata13/3/<br>Soma t3/4/Sooty 9/Rascon 37  | 85.7                 | 785             | 3.4               | 0.0       | 10.0           | 0.0       |                |
| Yavaros 79   | 52.7                 | 782             | 3.7               | 1.2       | 10.0           | 0.0       |                |
| Gediz/Fgo//Gta/3/Srn1/4/Totus/5/Ente/Mexi2//<br>Hui/3/Yav1/Gediz/6/Sombra20/7/Stot//Altar 84/Ald                             | 71.5                 | 786             | 3.5               | 4.2       | 20.0           | 0.0       |                |
| Yazi1/Akaki 4//Somat 3/3/Auk/Guil//Green   | 49.9                 | 796             | 3.4               | 0.0       | 10.0           | 0.0       |                |
| Stot//Altar 84/ALD   | 92.9                 | 796             | 3.4               | 6.7       | 10.0           | 0.0       |                |
| Mexicali 75  | 62.7                 | 782             | 3.7               | 13.2      | 40.0           | 0.0       |                |
| Rascon 21/3/Mque/Alo//Foja/4/Guanay/5/<br>Topdy 18/Focha1//Altar 84  | 71.5                 | 782             | 3.8               | 0.0       | 10.0           | 0.0       |                |
| Lymno 8/3/Rascon   | 71.5                 | 773             | 3.7               | 4.5       | 40.0           | 0.0       |                |
| Srn1/6/Fgo/Dom//Nach/5/Altar 84/4/Garza/Afn//<br>Cra/3/Ggovz394/7/Gediz/Fgo//Gta/3/Cndo/8/<br>Green38/9/2*Stot//Altar 84/Ald | 57.1                 | 781             | 3.7               | 3.8       | 30.0           | 0.0       |                |

## Supplementary Material 2

### The best entries to quality grain and pasta in KASIB nurseries

| Variety        | Origin  | 1000 grain weight, g | Testweight, g/l | Pasta color, score | Protein, % | Nursery     |
|----------------|---|----------------------|-----------------|--------------------|------------|-------------|
| Kargala 1538   | Aktobe AES  | 38.6                 | 793             | 3                  | 14.99      | 12–13 KASIB |
| Altyn dala     | Karabalyk AES   | 42.6                 | 797             | 3.35               | 14.20      | 8–9 KASIB   |
| Sharifa        |   | 40.9                 | 780             | 3                  | 14.59      | 16–17 KASIB |
| Lan            | Kazakh Research Institute of Agriculture and Plant Growing            | 41.7                 | 781             | 3.3                | 13.50      | 8–9 KASIB   |
| Durum 49       | Scientific and Production Center of Grain Farming named after Barayev | 35.4                 | 765             | 2.75               | 16.13      | 12–13 KASIB |
| G.178-05-2     |   | 44.8                 | 809             | 3.45               | 14.59      | 18–19 KASIB |
| L.250-06-14    |   | 42.7                 | 792             | 3.35               | 12.66      | 20–21 KASIB |
| G.94-24-12     | Omsk Agrarian Scientific Center                                       | 43.6                 | 804             | 3.45               | 13.80      | 8–9 KASIB   |
| G.96-160-8     |   | 37.5                 | 790             | 3.45               | 14.70      | 8–9 KASIB   |
| Omskiy izumrud |   | 39.7                 | 791             | 3.5                | 15.56      | 12–13 KASIB |
| G.98-42-5      |   | 43.6                 | 783             | 3.65               | 16.36      | 12–13 KASIB |
| G.00-96-8      |   | 40.4                 | 785             | 3.7                | 16.70      | 12–13 KASIB |
| G.04-85-4      |   | 41.1                 | 787             | 3.15               | 14.48      | 14–15 KASIB |
| G.00-178-4     |   | 38.8                 | 790             | 3.25               | 14.25      | 16–17 KASIB |
| G.05-42-12     |   | 46.7                 | 815             | 3.6                | 16.28      | 18–19 KASIB |
| G.08 25-2      |   | 33.0                 | 771             | 3.4                | 11.73      | 20–21 KASIB |
| G.08-67-1      |   | 41.1                 | 792             | 3.45               | 12.24      | 20–21 KASIB |
| G.677          | Federal Altai Scientific Center for Agrobiotechnology                 | 44.8                 | 796             | 3.45               | 16.36      | 12–13 KASIB |
| G.829          |   | 47.5                 | 794             | 3.4                | 15.48      | 18–19 KASIB |
| G.864          |   | 48.6                 | 821             | 3.8                | 15.24      | 18–19 KASIB |
| L.653d-44      | Samara ARI  | 42.0                 | 785             | 3.7                | 16.36      | 12–13 KASIB |
| Leuk.1469d-21  |   | 42.4                 | 782             | 3.05               | 14.88      | 16–17 KASIB |
| G.1591-21      |   | 44.7                 | 804             | 3.25               | 13.37      | 18–19 KASIB |
| L.1970d-5      |   | 48.7                 | 796             | 3.2                | 10.67      | 20–21 KASIB |
| L.2021d-1      |   | 37.0                 | 785             | 3.3                | 10.74      | 20–21 KASIB |
| Luch 25        | Research Institute of Agricultural Sciences of the South-East         | 54.4                 | 808             | 3.45               | 14.19      | 18–19 KASIB |
| L.D-2165       |   | 45.4                 | 817             | 3.35               | 12.51      | 20–21 KASIB |
| Melyana        | Orenburg ARI  | 44.1                 | 809             | 3.15               | 11.97      | 20–21 KASIB |

Note. G – hordeiforme, Leuc. – leucurum, L – line. AES – Agricultural Experimental Station; ARI – Agricultural Research Institute.

### Supplementary Material 3

#### Disease-resistant entries in CIMMYT nurseries

| Samples                 | Yield to standard, % | Testweight, g/l | Pasta color, score | Hard smut, % | Powdery mildew, % | Leaf rust, % | Nursery, year          |
|-------------------------|----------------------|-----------------|--------------------|--------------|-------------------|--------------|------------------------|
| Omskaya jantarnaya      | 100.0                | 771             | 4.3                | 13.5         | 50.0              | 1.0          | 32 IDYN,<br>2000–2001  |
| Auk/Guil/Green          | 42.0                 | 739             | 2.8                | 0.0          | 25.0              | 0.0          |                        |
| Dipper 2/Bushen 3       | 75.9                 | 784             | 4.0                | 0.0          | 13.0              | 0.0          |                        |
| Rascon 37/Green 2       | 66.9                 | 720             | 3.4                | 0.0          | 25.0              | 0.0          |                        |
| Wizza 23/Cona           | 83.5                 | 750             | 3.7                | 0.0          | 25.0              | 0.0          |                        |
| Green 38/Bushen 4       | 77.1                 | 722             | 3.9                | 0.0          | 25.0              | 0.0          |                        |
| Dack/Kiwi/Oste3...      | 66.4                 | 763             | 3.3                | 0.0          | 25.0              | 0.0          |                        |
| SRN 3/Ajata 15//...     | 90.0                 | 725             | 3.8                | 0.0          | 25.0              | 0.0          | 30 EDUYT,<br>2000–2001 |
| Parva 2/Kitti 1         | 83.1                 | 737             | 3.4                | 0.0          | 25.0              | 0.0          |                        |
| Lhnke/Rascon//Cona      | 81.1                 | 781             | 3.7                | 0.0          | 10.0              | 0.0          |                        |
| Fulvous 1/Meowl 13      | 87.0                 | 772             | 4.0                | 0.0          | 10.0              | 0.0          |                        |
| Rascon 37//2*Tarro 2    | 86.9                 | 755             | 3.8                | 0.0          | 25.0              | 0.0          |                        |
| DF146.82/2*Akaki4       | 64.5                 | 756             | 3.8                | 0.0          | 25.0              | 0.0          |                        |
| SRN-1/6/FGO/...         | 70.9                 | 735             | 3.6                | 0.0          | 25.0              | 0.0          |                        |
| Sora 2/Plata 12         | 100.8                | 749             | 3.8                | 0.0          | 25.0              | 0.0          | 34 IDYN,<br>2002       |
| Wizza 23/Cona           | 86.2                 | 740             | 3.7                | 0.0          | 25.0              | 0.0          |                        |
| Shag 24/Hel/Agra/...    | 74.9                 | 652             | 2.5                | 0.0          | 25.0              | 0.0          |                        |
| Cado/Boomer 33          | 93.5                 | <b>797</b>      | 3.5                | 0.0          | 30.0              | 0.0          |                        |
| Islom 1/Dukem 2         | 88.9                 | 750             | 3.6                | 0.0          | 30.0              | 0.0          |                        |
| Rascon 39/Tilo 1        | 95.4                 | <b>770</b>      | <b>3.9</b>         | 0.0          | 30.0              | 0.0          |                        |
| Yel/Bar/3/Garza/AFN/    | 97.1                 | <b>772</b>      | <b>4.0</b>         | 0.0          | 30.0              | 0.0          |                        |
| Yavaros 79              | 54.4                 | 678             | 2.5                | 0.0          | 20.0              | 0.0          | 35 IDYN,<br>2003       |
| Eupoda 3/Sla2// Minimus | 64.4                 | 679             | 2.9                | 3.3          | 10.0              | 0.0          |                        |
| Cangus/Poho1//Sugu 14   | 54.4                 | 713             | 2.8                | 0.0          | 20.0              | 0.0          |                        |
| Prozana/Arlin//Musk 6   | 66.1                 | 682             | 3.1                | 1.6          | 20.0              | 0.0          |                        |
| Rascon 21/3/Mque/Alo//  | 71.1                 | 738             | 3.2                | 3.8          | 20.0              | 0.0          |                        |
| Tatler 1/Tarro 1        | 75.5                 | 693             | <b>3.4</b>         | 4.8          | 30.0              | 0.0          |                        |
| Mexicali 75             | 79.0                 | 765             | 3.4                | 0.0          | 30.0              | 0.0          |                        |
| Stot//Altar 84/Ald      | 84.3                 | 786             | 3.3                | 0.0          | 30.0              | 0.0          | 36 IDYN,<br>2004       |
| Srn 2//Yavaus/Hui/3/    | 54.6                 | 775             | 3.6                | 0.0          | 0.0               | <b>0.0</b>   |                        |
| Cndo/Primadur//Hai      | 63.9                 | 780             | 3.5                | 0.0          | 10.0              | 0.0          |                        |
| Shag 21/Dipper 2/       | 63.9                 | 776             | 3.3                | 0.0          | 30.0              | 0.0          |                        |
| R143/Ruff/Stil/3/       | 74.4                 | 753             | 3.4                | 0.0          | 30.0              | 0.0          |                        |
| Silver 3/Rissa/         | 74.4                 | 765             | 3.4                | 0.0          | 10.0              | 0.0          |                        |
| Tarro I/Yuan I//        | 71.1                 | 771             | 2.9                | 0.0          | 20.0              | 0.0          |                        |
| Site/3*Musk_4           | 79.6                 | 756             | 3.1                | 0.0          | 20.0              | 0.0          | 34 EDUYT,<br>2004      |
| Rola 5/3/Ajaia          | 72.8                 | 780             | 3.5                | 0.0          | 10.0              | 0.0          |                        |
| Malmuk 1/Serrator       | 90.0                 | 768             | 3.2                | 0.0          | 0.0               | 0.0          |                        |
| Platal/SNM//Plata 9     | 94.1                 | 787             | 3.5                | 0.0          | 10.0              | 0.0          |                        |
| Ajaia 4/Yebas           | 79.6                 | 773             | 3.8                | 0.0          | 10.0              | 0.0          |                        |
| Ajaia 12/F3Local        | 62.8                 | 773             | 3.3                | 0.0          | 20.0              | 0.0          |                        |

### Supplementary Material 3 (end)

| Samples                     | Yield to standard, % | Testweight, g/l | Pasta color, score | Hard smut, % | Powdery mildew, % | Leaf rust, % | Nursery, year  |
|-----------------------------|----------------------|-----------------|--------------------|--------------|-------------------|--------------|----------------|
| SN Turk/MI83-84             | 70.5                 | 770             | 3.6                | 0.0          | 10.0              | 0.0          | 34 EDUYT, 2004 |
| Tarro I/Yuan                | 90.9                 | 778             | 3.6                | 0.0          | 20.0              | 0.0          |                |
| Dipper 2/Bushen 3           | 81.9                 | 752             | 3.3                | 0.0          | 10.0              | 0.0          |                |
| Inter 16/3/SN Turk          | 77.3                 | 780             | 3.3                | 0.0          | 10.0              | 0.0          |                |
| Minimus/Combduck            | 92.3                 | 775             | 3.4                | 0.0          | 10.0              | 0.0          |                |
| Adamar 15//Albia I/         | 88.7                 | 782             | 3.3                | 0.0          | 10.0              | 0.0          |                |
| Kucuk 2/Pata 2              | 88.7                 | 792             | 3.5                | 0.0          | 0.0               | 0.0          |                |
| SN Turk MI83-84 03/Lotus    | 93.2                 | 779             | 3.7                | 0.0          | 30.0              | 0.0          |                |
| Liro 2/Canelo 9             | 87.3                 | 774             | 3.4                | 0.0          | 20.0              | 0.0          |                |
| Labud I/Shag 23/            | 93.2                 | 776             | 3.3                | 0.0          | 20.0              | 0.0          |                |
| Plata 20/Fillo//            | 81.9                 | 783             | 3.6                | 0.0          | 50.0              | 0.0          |                |
| Coro/AAZ4/3/Mque            | 95.5                 | 763             | 3.6                | 0.0          | 50.0              | 0.0          |                |
| Cndo/Vee//7*Plata 8/3/Plata | 96.9                 | 776             | 3.2                | 0.0          | 20.0              | 0.0          |                |

## Supplementary Material 4

### Characteristics of isogenic lines on resistance to stem rust

| Isogenic line<br>(origin lines)       | Gene                           | Maximum damage, 2019 year |                | Moderately<br>degree of damage<br>in 2018–2020 years, % |
|---------------------------------------|--------------------------------|---------------------------|----------------|---|
|                                       |                                | Degree<br>of damage, %    | Infection type |   |
| <i>ISr5</i> -Ra CI 14159              | <i>Sr5</i>                     | 80                        | MS             | 45  |
| Na I01/6*Marquis                      | <i>Sr7a</i>                    | 70                        | MR             | 33  |
| <i>ISr7b</i> -Ra CI 14165             | <i>Sr7b</i>                    | 60                        | MS             | 23  |
| CI 14167/9*LM PG-6 DK04               | <i>Sr8a</i>                    | 70                        | MS             | 32  |
| Barleta Benvenuto (CI 14196)          | <i>Sr8b</i>                    | 80                        | MR             | 47  |
| <i>ISr9a</i> -Ra CI 14169             | <i>Sr9a</i>                    | 80                        | MS             | 47  |
| Prelude*4/2/Marquis*6/Kenya 117A      | <i>Sr9b</i>                    | 70                        | MS             | 47  |
| Vemstein PI 442914                    | <i>Sr9e</i>                    | 40                        | MR             | 35  |
| Chinese Spring*7/Marquis 2B           | <i>Sr9g</i>                    | 40                        | MS             | 27  |
| W2691Sr10 CI 17388                    | <i>Sr10</i>                    | 70                        | MR             | 35  |
| Lee/6*LMPG-6 DK37                     | <i>Sr11</i>                    | 40                        | MS             | 25  |
| Chinese Spring*Thacher 3B             | <i>Sr12</i>                    | 80                        | MS             | 38  |
| Prelude*4/2 Marquis*6/Khapstein       | <i>Sr13</i>                    | 40                        | MS             | 23  |
| W2691*2/Khapstein                     | <i>Sr14</i>                    | 40                        | MS             | 18  |
| Prelude*2/Norka                       | <i>Sr15</i>                    | 50                        | MS             | 30  |
| Thatcher/CS (CI14173)                 | <i>Sr16</i>                    | 50                        | MS             | 25  |
| Prelude/8*Marquis*2/2/Esp 518/9       | <i>Sr17</i>                    | 50                        | MS             | 30  |
| Little Club/Sr18Mq Marquis "A"        | <i>Sr18</i>                    | 60                        | MS             | 32  |
| 94A 236-1 Marquis "B"                 | <i>Sr19</i>                    | 40                        | MS             | 37  |
| 94A 237-1 Marquis "C"                 | <i>Sr20</i>                    | 40                        | MS             | 28  |
| T. monococcum/8*LMPG-6 DK13           | <i>Sr21</i>                    | 70                        | MS             | 32  |
| Einkorn                               | <i>Sr21</i>                    | 20                        | MR             | 15  |
| Mq*6//Stewart*3/RL 5244               | <i>Sr22</i>                    | 70                        | MS             | 28  |
| Exchange CI 12635                     | <i>Sr23</i>                    | 10                        | R              | 10  |
| Agatha (CI 14048)/9*LM PG-6 DK16      | <i>Sr25</i>                    | 10                        | MR             | 10  |
| Eagle Sr26                            | <i>Sr26</i>                    | 10                        | MS             | 8   |
| WRT 238-5 (1984) Roelfs               | <i>Sr27</i>                    | 40                        | MR             | 20  |
| Kota RL471                            | <i>Sr28</i>                    | 20                        | MS             | 17  |
| Prelude/8*Marquis/2/Etiol e de Choisy | <i>Sr29</i>                    | 40                        | MS             | 23  |
| Selection from Webster F3:F4 #6       | <i>Sr30</i>                    | 20                        | MS             | 12  |
| <i>Sr31</i> (Benno)/8*L MPG-8 DK42    | <i>Sr31</i>                    | 30                        | MS             | 20  |
| Seri 82                               | <i>Sr31</i>                    | 10                        | MR             | 10  |
| ER5155S-203                           | <i>Sr32</i>                    | –                         | –              | 20  |
| RL 5405                               | <i>Sr33</i>                    | 30                        | MR             | 17  |
| RL 6098                               | <i>Sr34</i>                    | 50                        | MR             | 25  |
| RL 6099                               | <i>Sr35</i>                    | 70                        | S              | 37  |
| W2691 SrTt-1 CI 17385                 | <i>Sr36</i>                    | 30                        | MS             | 20  |
| Prelude*4/Line W (W3563)              | <i>Sr37</i>                    | 40                        | MS             | 23  |
| Trident                               | <i>Sr38</i>                    | 10                        | R              | 10  |
| RL 5711                               | <i>Sr39</i>                    | 20                        | MR             | 23  |
| RL 6087                               | <i>Sr40</i>                    | 20                        | MR             | 20  |
| Fleming                               | <i>Sr6, Sr24, Sr36, 1RS-Am</i> | 20                        | MR             | 15  |
| Chris                                 | <i>Sr7a, Sr12, Sr6</i>         | 20                        | MR             | 23  |
| Standard of susceptibility            | –                              | 90                        | S              | 58  |