

TABLE 40. 2001 IMPERIAL DURUM WHEAT TEST (Normal Irrigation)

| Entry                 | Name              | Yield<br>(lbs/acre) | Test<br>Wt<br>(lbs/bu) | 1000<br>Kernel Wt<br>(g) | Plant Ht<br>(in) | Lodging<br>(soft dough) | Lodging<br>(harvest) | Days to            |        | BYDV |
|-----------------------|-------------------|---------------------|------------------------|--------------------------|------------------|-------------------------|----------------------|--------------------|--------|------|
|                       |                   |                     |                        |                          |                  |                         |                      | Head<br>(from 1/1) | Mature |      |
| <b>CULTIVARS</b>      |                   |                     |                        |                          |                  |                         |                      |                    |        |      |
| 112                   | YECORA ROJO (hrs) | 7630 (31)           | 62.3                   | 46.5                     | 34               | 1.0                     | 2.3                  | 79                 | 125    | 1.0  |
| 522                   | WESTBRED 881      | 7620 (33)           | 61.5                   | 54.2                     | 38               | 1.3                     | 4.8                  | 79                 | 128    | 1.0  |
| 878                   | DURAKING          | 8410 (6)            | 62.3                   | 44.8                     | 37               | 1.0                     | 2.5                  | 81                 | 130    | 1.5  |
| 944                   | CORTEZ            | 8240 (11)           | 61.0                   | 46.2                     | 38               | 1.0                     | 2.8                  | 82                 | 132    | 1.0  |
| 947                   | KOFA              | 7450 (39)           | 61.5                   | 55.7                     | 38               | 1.0                     | 5.0                  | 78                 | 128    | 1.0  |
| 951                   | KRONOS            | 8300 (8)            | 61.3                   | 50.9                     | 36               | 1.3                     | 6.5                  | 77                 | 128    | 1.0  |
| 954                   | OCOTILLO          | 7650 (30)           | 61.3                   | 48.1                     | 40               | 1.0                     | 4.3                  | 77                 | 128    | 1.0  |
| 983                   | RIA               | 7220 (42)           | 59.3                   | 41.6                     | 37               | 1.0                     | 6.0                  | 82                 | 129    | 1.8  |
| 1024                  | MOHAWK            | 8030 (17)           | 61.5                   | 48.8                     | 36               | 1.0                     | 6.8                  | 78                 | 127    | 1.0  |
| 1057                  | TACNA             | 7560 (36)           | 62.5                   | 54.7                     | 35               | 1.0                     | 3.8                  | 75                 | 128    | 1.0  |
| 1103                  | DELUXE            | 8310 (7)            | 61.8                   | 47.9                     | 39               | 1.0                     | 2.8                  | 80                 | 129    | 1.0  |
| 1166                  | CROWN             | 8280 (9)            | 59.3                   | 43.6                     | 38               | 1.0                     | 2.5                  | 80                 | 130    | 4.0  |
| 1179                  | MATT              | 7310 (41)           | 61.0                   | 46.9                     | 38               | 2.3                     | 6.0                  | 79                 | 127    | 1.3  |
| 1210                  | PLATINUM          | 7890 (23)           | 61.5                   | 42.0                     | 34               | 1.0                     | 5.5                  | 81                 | 126    | 2.8  |
| 1211                  | TOPPER            | 8630 (5)            | 61.5                   | 42.8                     | 40               | 1.0                     | 3.0                  | 84                 | 133    | 1.0  |
| 1215                  | ORITA             | 8640 (4)            | 61.0                   | 51.1                     | 37               | 1.0                     | 2.5                  | 82                 | 129    | 1.0  |
| 1266                  | SKY               | 6750 (43)           | 57.8                   | 37.2                     | 34               | 1.3                     | 6.3                  | 78                 | 130    | 1.0  |
| <b>ADVANCED LINES</b> |                   |                     |                        |                          |                  |                         |                      |                    |        |      |
| 1212                  | WWW D3100         | 7710 (27)           | 63.8                   | 53.0                     | 37               | 2.0                     | 6.5                  | 80                 | 130    | 1.3  |
| 1218                  | APB D95-217       | 7970 (19)           | 62.3                   | 47.1                     | 33               | 1.3                     | 5.0                  | 80                 | 132    | 1.0  |
| 1250                  | YU 895-130        | 8190 (14)           | 62.3                   | 43.4                     | 37               | 1.3                     | 5.5                  | 79                 | 126    | 1.0  |
| 1251                  | YU 895-82         | 7800 (25)           | 61.8                   | 46.4                     | 36               | 1.0                     | 5.5                  | 79                 | 127    | 1.0  |
| 1253                  | WWW D3121         | 7940 (20)           | 60.0                   | 46.9                     | 38               | 1.0                     | 3.8                  | 82                 | 129    | 2.5  |
| 1275                  | SOFIA 2000C       | 8650 (3)            | 64.3                   | 43.4                     | 38               | 1.0                     | 3.0                  | 83                 | 130    | 1.0  |
| 1276                  | SILVIA 2000C      | 8080 (15)           | 63.0                   | 44.8                     | 38               | 1.0                     | 3.8                  | 85                 | 132    | 1.5  |
| 1299                  | YU 897-98         | 7800 (24)           | 62.3                   | 45.5                     | 37               | 1.0                     | 4.3                  | 79                 | 125    | 1.0  |
| 1300                  | YU 897-72         | 7980 (18)           | 62.5                   | 46.1                     | 39               | 1.0                     | 2.8                  | 81                 | 133    | 1.0  |
| 1301                  | WWW D2514         | 7920 (21)           | 60.8                   | 45.8                     | 37               | 1.0                     | 2.3                  | 80                 | 127    | 1.0  |
| 1302                  | WWW D6568         | 7580 (35)           | 62.5                   | 43.8                     | 38               | 2.8                     | 5.5                  | 80                 | 128    | 1.0  |
| 1303                  | WWW D6523         | 7510 (38)           | 59.5                   | 45.2                     | 38               | 1.3                     | 6.0                  | 80                 | 129    | 2.3  |
| 1304                  | WWW D5384-2       | 7530 (37)           | 58.8                   | 38.1                     | 36               | 1.0                     | 5.0                  | 83                 | 130    | 1.3  |
| 1305                  | WWW D8261         | 8070 (16)           | 60.0                   | 48.2                     | 36               | 1.0                     | 3.3                  | 82                 | 131    | 1.0  |
| 1306                  | UC D201-25        | 8260 (10)           | 62.3                   | 47.0                     | 38               | 1.0                     | 4.8                  | 83                 | 133    | 1.0  |
| 1307                  | UC D201-04        | 8220 (13)           | 61.0                   | 45.2                     | 39               | 1.0                     | 5.8                  | 81                 | 129    | 1.0  |
| 1308                  | UC D201-35        | 8820 (1)            | 63.8                   | 51.7                     | 38               | 1.0                     | 4.3                  | 84                 | 133    | 1.0  |
| 1312                  | APB D98-238       | 7670 (29)           | 61.5                   | 49.2                     | 39               | 1.0                     | 5.8                  | 78                 | 130    | 1.0  |
| 1313                  | APB D98-225       | 7370 (40)           | 61.5                   | 48.1                     | 38               | 1.0                     | 6.0                  | 79                 | 129    | 1.0  |
| 1314                  | RSI 99WV30514     | 7580 (34)           | 61.5                   | 50.5                     | 37               | 1.0                     | 4.5                  | 80                 | 130    | 1.8  |
| 1315                  | RSI 99WV30413     | 7700 (28)           | 62.0                   | 46.3                     | 39               | 1.0                     | 4.5                  | 79                 | 128    | 1.0  |
| 1316                  | RSI 99WV30401     | 7630 (32)           | 61.8                   | 50.6                     | 37               | 1.0                     | 3.5                  | 78                 | 126    | 1.3  |
| 1317                  | RSI 98WV13823     | 8230 (12)           | 62.5                   | 48.1                     | 35               | 1.0                     | 2.8                  | 79                 | 129    | 1.0  |
| 1318                  | RSI 99WV30411     | 8760 (2)            | 63.3                   | 49.6                     | 34               | 1.0                     | 2.3                  | 77                 | 128    | 1.0  |
| 1319                  | RSI 98WV13849     | 7890 (22)           | 63.0                   | 47.1                     | 35               | 1.0                     | 4.5                  | 80                 | 129    | 1.3  |
| 1320                  | RSI 99WV30501     | 7730 (26)           | 61.5                   | 44.2                     | 38               | 2.5                     | 6.0                  | 82                 | 130    | 1.0  |
|                       | MEAN              | 7920                | 61.6                   | 46.9                     | 37               | 1.2                     | 4.4                  | 80                 | 129    | 1.3  |
|                       | CV                | 4.4                 | 1.0                    | 4.1                      | 3.3              | 36.4                    | 17.1                 | 1.3                | 1.2    | 23.8 |
|                       | LSD (.05)         | 490                 | 0.8                    | 3.9                      | 2                | 0.6                     | 1.1                  | 1.0                | 2      | 0.4  |

Rating scale for diseases and lodging: 1 = 0-3%, 2 = 4-14%, 3 = 15-29%, 4 = 30-49%, 5 = 50-69%, 6 = 70-84%, 7 = 85-95%, 8 = 96-100%.

BYDV ratings (see scale above) were based on percentage of plants showing foliar symptoms.

Numbers in parentheses indicate relative rank in column.