

TABLE 16. 2001 BUTTE COMMON WHEAT TEST

| Entry                 | Name             | Yield<br>(lbs/acre) | Test  |                | Plant Ht<br>(in) | Lodging<br>(soft dough) | Lodging<br>(harvest) | BYDV | Leaf<br>Rust | Stripe<br>Rust |
|-----------------------|------------------|---------------------|-------|----------------|------------------|-------------------------|----------------------|------|--------------|----------------|
|                       |                  |                     | Yield | Wt<br>(lbs/bu) |                  |                         |                      |      |              |                |
| <b>CULTIVARS</b>      |                  |                     |       |                |                  |                         |                      |      |              |                |
| 20                    | ANZA             | 6190 (6)            | 63.0  | 41             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 112                   | YECORA ROJO      | 4850 (40)           | 62.6  | 34             | 1.0              | 1.0                     | 1.0                  | 1.3  | 1.0          | 1.0            |
| 353                   | YOLO             | 6150 (7)            | 62.4  | 44             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 415                   | KLASIC           | 6320 (4)            | 63.4  | 38             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 638                   | SERRA            | 6140 (8)            | 62.5  | 45             | 1.3              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 788                   | EXPRESS          | 5680 (23)           | 62.9  | 42             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.3            |
| 827                   | CAVALIER         | 5980 (14)           | 61.3  | 36             | 1.0              | 3.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 901                   | BROOKS           | 6120 (10)           | 62.8  | 37             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 970                   | CUYAMA           | 5740 (21)           | 62.1  | 43             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.5            |
| 976                   | RSI 5            | 6120 (9)            | 61.9  | 44             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 3.8            |
| 1020                  | BONUS            | 6100 (11)           | 60.8  | 37             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1036                  | KERN             | 5540 (29)           | 62.4  | 35             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1124                  | ELDON            | 5400 (31)           | 62.7  | 41             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.5            |
| 1130                  | STANDER          | 5790 (20)           | 61.6  | 37             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1155                  | SUMMIT           | 5660 (24)           | 61.9  | 37             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1193                  | SUNSTAR KING     | 4970 (39)           | 62.7  | 45             | 1.0              | 1.3                     | 1.0                  | 1.0  | 1.0          | 1.3            |
| 1202                  | BRIM             | 5160 (36)           | 63.1  | 41             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| <b>ADVANCED LINES</b> |                  |                     |       |                |                  |                         |                      |      |              |                |
| 804                   | WWW BR 5144      | 5820 (19)           | 62.5  | 44             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1232                  | DA 995-127       | 5600 (26)           | 62.8  | 43             | 1.0              | 1.0                     | 1.3                  | 1.0  | 1.0          | 1.0            |
| 1242                  | GM 40001         | 5600 (25)           | 62.4  | 46             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1243                  | GM 40002         | 4320 (43)           | 63.0  | 38             | 3.0              | 5.0                     | 1.0                  | 1.0  | 1.0          | 1.5            |
| 1244                  | GM 40003         | 4410 (42)           | 62.6  | 44             | 2.5              | 4.8                     | 1.0                  | 1.0  | 1.0          | 5.3            |
| 1258                  | BETH HASHITA     | 5940 (15)           | 61.8  | 39             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.8            |
| 1260                  | DARIEL           | 6060 (12)           | 61.2  | 43             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1261                  | KAMA             | 5320 (34)           | 63.2  | 41             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1268                  | UC 1268          | 5240 (35)           | 63.3  | 42             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1271                  | UC 1271          | 5030 (38)           | 61.4  | 46             | 1.0              | 1.5                     | 1.3                  | 1.0  | 1.0          | 1.0            |
| 1274                  | DIANA 2000F      | 5420 (30)           | 63.4  | 48             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1290                  | YU 995-315       | 5540 (28)           | 62.9  | 44             | 1.0              | 1.3                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1291                  | DA 998-50        | 5990 (13)           | 62.5  | 44             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1292                  | DA 998-15        | 5920 (16)           | 60.8  | 36             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1293                  | BZ 998-181       | 5890 (18)           | 62.3  | 35             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1294                  | WWW COI957-3     | 5560 (27)           | 62.1  | 42             | 1.0              | 1.3                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1295                  | WWW BR 9118      | 5360 (33)           | 61.5  | 40             | 1.0              | 1.3                     | 1.0                  | 1.0  | 1.0          | 1.5            |
| 1296                  | UC 1296          | 6220 (5)            | 62.7  | 46             | 1.0              | 1.3                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1297                  | UC 1297          | 4800 (41)           | 64.4  | 43             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1309                  | APB W98-231      | 5910 (17)           | 61.0  | 35             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1311                  | GM 40027         | 5680 (22)           | 61.7  | 44             | 1.3              | 2.0                     | 1.0                  | 1.0  | 1.0          | 4.8            |
| 1321                  | PRIMAVERA 8233   | 5100 (37)           | 62.5  | 35             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 2.0            |
| 1322                  | RSI 99WY50413    | 6780 (1)            | 61.1  | 34             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1323                  | RSI 99WY51107    | 6370 (3)            | 59.4  | 32             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 3.3            |
| 1324                  | RSI 99WY51149    | 5390 (32)           | 61.6  | 32             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.0            |
| 1325                  | RSI 96WY50815C-2 | 6400 (2)            | 61.5  | 38             | 1.0              | 1.0                     | 1.0                  | 1.0  | 1.0          | 1.3            |
|                       | MEAN             | 5660                | 62.2  | 40             | 1.1              | 1.3                     | 1.0                  | 1.0  | 1.0          | 1.4            |
|                       | CV               | 7.0                 | 0.5   | 3.7            | 26.4             | 45.6                    | 10.5                 | 7.6  | 28.1         |                |
|                       | LSD (.05)        | 550                 | 0.7   | 3              | 0.4              | 0.8                     |                      |      |              | 0.6            |

Rating scale for diseases (area of flag-1 leaf affected) 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.