

TABLE 30. 2005 COLUSA COMMON WHEAT AND TRITICALE TEST

| Entry | Name | Yield (lbs/acre) | Test Wt (lbs/bu) | Plant Ht (in) | Lodging (harvest) | BYDV | Septoria | | Stripe Rust | |
|-----------------------|-----------------|---------------------|---------------------|------------------|----------------------|------|----------|------|-------------|------|
| | | | | | | | 4/7 | 5/2 | 4/7 | 5/2 |
| CULTIVARS | | | | | | | | | | |
| 20 | ANZA | 4320 (29) | 58.2 | 39 | 2.8 | 1.0 | 1.5 | 4.0 | 1.5 | 4.3 |
| 112 | YECORA ROJO | 3060 (36) | 57.2 | 33 | 8.0 | 2.8 | 3.3 | 5.5 | 3.8 | 8.0 |
| 788 | EXPRESS | 5180 (18) | 59.1 | 40 | 3.0 | 1.0 | 1.3 | 4.8 | 1.8 | 3.3 |
| 1155 | SUMMIT | 5870 (12) | 57.3 | 34 | 1.5 | 1.3 | 1.3 | 4.8 | 1.5 | 2.0 |
| 1156 | BLANCA GRANDE | 4920 (25) | 61.9 | 34 | 7.5 | 1.0 | 1.0 | 2.5 | 1.0 | 1.8 |
| 1255 | PLATA | 5900 (10) | 59.6 | 39 | 1.0 | 1.0 | 1.0 | 3.3 | 1.3 | 5.5 |
| 1258 | BETH HASHITA | 4060 (31) | 58.6 | 30 | 4.3 | 1.5 | 1.0 | 3.0 | 1.0 | 2.0 |
| 1341 | DASH 12 | 5530 (13) | 61.3 | 41 | 5.0 | 1.0 | 1.0 | 4.0 | 1.0 | 1.3 |
| 1361 | CLEAR WHITE | 5520 (14) | 60.7 | 38 | 2.3 | 1.0 | 1.0 | 5.8 | 1.0 | 1.0 |
| 1392 | SOLANO | 5450 (15) | 59.3 | 36 | 1.8 | 1.0 | 1.0 | 3.0 | 1.8 | 4.8 |
| 1413 | WINCAL 14 | 4500 (27) | 60.9 | 41 | 4.0 | 1.0 | 1.0 | 3.8 | 1.3 | 1.0 |
| ADVANCED LINES | | | | | | | | | | |
| 1296 | UC 1296 | 5030 (21) | 61.4 | 41 | 5.5 | 1.0 | 1.3 | 5.3 | 1.0 | 1.3 |
| 1340 | WWW BR3677 | 3590 (35) | 59.0 | 43 | 4.0 | 1.3 | 1.3 | 6.5 | 1.0 | 1.0 |
| 1418 | UCD 03010/18 | 5250 (16) | 57.8 | 33 | 3.8 | 1.0 | 1.0 | 5.3 | 1.0 | 3.0 |
| 1419 | UCD 03010/24 | 6380 (7) | 61.2 | 37 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.3 |
| 1423 | YU999-158 | 5910 (9) | 61.2 | 37 | 2.3 | 1.0 | 1.0 | 2.3 | 1.0 | 2.8 |
| 1424 | YU999-178 | 3700 (34) | 55.9 | 37 | 4.8 | 3.0 | 3.5 | 8.0 | 1.3 | 1.3 |
| 1457 | MLO41-37A | 4470 (28) | 59.6 | 46 | 4.0 | 1.0 | 2.0 | 4.8 | 1.0 | 1.0 |
| 1461 | WB DA902-42 | 4970 (22) | 59.9 | 39 | 5.8 | 1.3 | 1.3 | 6.3 | 1.0 | 1.3 |
| 1462 | WB DA902-7 | 5950 (8) | 61.8 | 36 | 1.5 | 1.3 | 1.0 | 3.3 | 1.8 | 4.5 |
| 1463 | WB DA902-72 | 4790 (26) | 61.3 | 40 | 5.8 | 1.0 | 1.0 | 2.8 | 1.0 | 2.5 |
| 1464 | WB YU901-379 | 5870 (11) | 60.9 | 39 | 2.0 | 1.0 | 1.0 | 3.0 | 1.0 | 1.0 |
| 1465 | WB YU902-209 | 2940 (38) | 55.7 | 33 | 7.3 | 4.3 | 3.8 | 8.0 | 1.0 | 1.5 |
| 1469 | WWW CHBR1315 | 3060 (37) | 58.7 | 41 | 7.5 | 1.0 | 1.0 | 4.3 | 1.0 | 5.5 |
| 1470 | WWW BR0061 | 4930 (24) | 61.4 | 46 | 3.3 | 1.0 | 1.0 | 3.0 | 1.0 | 1.5 |
| 1471 | WWW CHBR1975A | 4040 (32) | 59.3 | 41 | 6.3 | 1.0 | 1.0 | 6.0 | 1.0 | 1.0 |
| 1472 | WWW BR6000W | 4940 (23) | 62.0 | 45 | 3.3 | 1.0 | 1.0 | 3.0 | 1.0 | 1.5 |
| 1476 | RSI 96WV52303A | 5160 (19) | 59.5 | 36 | 6.5 | 1.0 | 1.0 | 3.3 | 1.0 | 3.0 |
| 1477 | RSI 97WY63520D | 5040 (20) | 57.7 | 35 | 1.3 | 1.0 | 1.0 | 3.0 | 2.5 | 5.3 |
| 1478 | RSI 00WWB80404 | 6980 (5) | 59.8 | 34 | 1.5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 1480 | APB W02AZ-228MT | 4000 (33) | 54.3 | 38 | 2.0 | 1.0 | 1.3 | 4.3 | 2.0 | 4.0 |
| 1481 | APB W02GE-19-1 | 5220 (17) | 60.0 | 34 | 5.3 | 1.3 | 1.0 | 5.3 | 1.5 | 1.3 |
| 1482 | APB W02GE-19-6 | 4210 (30) | 59.2 | 34 | 7.0 | 1.3 | 1.3 | 4.5 | 1.0 | 1.3 |
| TRITICALE | | | | | | | | | | |
| 3097 | TRICAL 105 | 6950 (6) | 58.8 | 44 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 3143 | TRICAL 96 | 7620 (3) | 58.5 | 37 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.8 |
| 3156 | RSI TRICAL 118 | 8440 (1) | 59.5 | 41 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 3157 | RSI TRICAL 116 | 7250 (4) | 55.5 | 37 | 1.3 | 1.0 | 1.0 | 1.0 | 1.3 | 1.0 |
| 3158 | RSI 00TV60147 | 7990 (2) | 55.5 | 37 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| | MEAN | 5240 | 59.2 | 38 | 3.7 | 1.2 | 1.3 | 3.8 | 1.3 | 2.3 |
| | CV | 9.9 | 2.0 | 2.9 | 29.2 | 38.1 | 24.1 | 23.7 | 50.1 | 41.2 |
| | LSD (.05) | 720 | 2.4 | 2 | 1.5 | 0.7 | 0.4 | 1.3 | 0.9 | 1.3 |

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.