

TABLE 61. 2002 UC BAREC (SANTA CLARA) OAT TEST

| Entry | Name | Yield (lbs/acre) | Test | Plant | Lodging (soft dough) | Lodging (harvest) | BYDV | Stem Rust | Powdery Mildew |
|-----------------------|------------|---------------------|----------------|------------|-------------------------|----------------------|------|--------------|-------------------|
| | | | Wt (lbs/bu) | Ht (in) | | | | | |
| <u>CULTIVARS</u> | | | | | | | | | |
| 1 | CURT | 1270 (17) | 34.9 | 46 | 5.0 | 6.3 | 2.3 | 1.0 | 2.3 |
| 2 | SIERRA | 3560 (09) | 35.3 | 53 | 2.5 | 3.3 | 1.8 | 1.0 | 4.5 |
| 3 | MONTEZUMA | 1660 (16) | 37.9 | 54 | 4.3 | 4.5 | 1.5 | 1.0 | 3.3 |
| 4 | CAL RED | 410 (19) | 39.2 | 61 | 5.0 | 4.8 | 4.0 | 1.0 | 2.0 |
| 6 | KANOTA | 510 (18) | 38.0 | 61 | 3.8 | 4.8 | 1.5 | 1.0 | 3.8 |
| 10 | SWAN | 3500 (11) | 39.4 | 60 | 1.3 | 2.8 | 1.3 | 2.0 | 3.5 |
| 89 | BATES 89 | 1710 (15) | 39.8 | 61 | 3.5 | 2.5 | 1.3 | 1.0 | 1.5 |
| 95 | PERT | 2870 (13) | 36.9 | 48 | 1.0 | 1.3 | 1.3 | 1.0 | 5.0 |
| 156 | HARRISON | 3570 (08) | 39.7 | 59 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| <u>ADVANCED LINES</u> | | | | | | | | | |
| 113 | UC 113 | 4060 (07) | 38.1 | 52 | 1.0 | 1.0 | 1.0 | 1.0 | 5.0 |
| 125 | UC 125 | 3540 (10) | 38.9 | 55 | 1.0 | 1.3 | 1.0 | 1.0 | 5.0 |
| 128 | UCD 94-408 | 5170 (02) | 36.8 | 62 | 1.0 | 1.0 | 1.0 | 1.0 | 1.8 |
| 129 | UCD 94-409 | 5440 (01) | 37.9 | 60 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 |
| 130 | UCD 94-401 | 4780 (03) | 38.4 | 53 | 1.0 | 1.0 | 1.0 | 1.0 | 2.8 |
| 132 | UCD 94-403 | 4140 (06) | 35.1 | 47 | 1.0 | 1.0 | 1.3 | 1.0 | 2.0 |
| 142 | UCD 96-406 | 3010 (12) | 37.0 | 43 | 1.0 | 2.0 | 1.8 | 1.0 | 1.0 |
| 148 | UCD 96-412 | 4310 (05) | 42.8 | 56 | 1.0 | 1.0 | 1.3 | 1.0 | 3.8 |
| 157 | LA 604 | 1840 (14) | 37.3 | 48 | 1.0 | 1.0 | 1.3 | 1.0 | 1.3 |
| 158 | LA 811 | 4570 (04) | 41.6 | 54 | 1.0 | 1.0 | 1.3 | 1.0 | 1.3 |
| | MEAN | 3150 | 38.1 | 54 | 2.0 | 2.2 | 1.4 | 1.1 | 2.8 |
| | CV | 22.7 | 4.3 | 5.5 | 28.5 | 34.8 | 31.2 | 43.6 | 25.6 |
| | LSD (.05) | 1010 | 3.5 | 6.0 | 0.8 | 1.1 | 0.6 | - | 1.0 |

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.