



Table 20. Oat variety trial across Louisiana for two and three years, 2003, 2004, and 2005.

| Brand / variety | Grain Yield | Test Weight | Heading Day | Plant Height | Lodging Score | Crown Rust | Stem Rust | Pheno type |
|---|--------------|-------------|-------------|--------------|---------------|------------|------------|------------|
| | bu/a | lbs/bu | day of yr | in | 0-9 | % | 0-9 | 0-9 |
| TWO-YEAR | | | | | | | | |
| LA96006BSB-270-S2-C | 135.1 | 33.5 | 96 | 36 | 1.7 | 0 | 0 | 4.3 |
| LA95033D63-1-C-S3 | 122.9 | 31.9 | 98 | 39 | 2.4 | 0 | 0 | 4.1 |
| LA96006BSB119-1 | 120.6 | 34.0 | 99 | 43 | 2.4 | 0 | 0 | 3.9 |
| LA98010SBS-58 | 114.1 | 35.9 | 97 | 40 | 2.8 | 0 | 0 | 3.4 |
| PLOT SPIKE LA9339 | 109.1 | 34.6 | 103 | 41 | 2.9 | 1 | 0 | 4.0 |
| TX02M7344 | 108.9 | 33.6 | 98 | 41 | 5.7 | 0 | 0 | 3.6 |
| TAMO 405 | 108.5 | 32.3 | 91 | 35 | 4.2 | 0 | 0 | 3.7 |
| LA97006GBS-22-B-S2 | 106.4 | 34.9 | 99 | 40 | 4.8 | 0 | 0 | 3.9 |
| TX02U7097 | 104.8 | 32.8 | 90 | 44 | 2.7 | 0 | 0 | 4.5 |
| HORIZON 321 | 103.6 | 34.6 | 99 | 36 | 3.3 | 3 | 0 | 4.9 |
| TAMO397 | 101.7 | 31.1 | 89 | 44 | 3.1 | 7 | 0 | 4.6 |
| LA98002SBS-26-B-S1 | 101.7 | 33.8 | 100 | 42 | 3.9 | 6 | 0 | 4.3 |
| LA98009SBSB-58-B | 101.4 | 32.4 | 104 | 39 | 3.7 | 2 | 0 | 4.4 |
| HORIZON 474 | 101.2 | 35.6 | 93 | 43 | 3.5 | 6 | 2 | 4.3 |
| HARRISON CK | 78.9 | 33.3 | 95 | | 3.8 | 28 | | 5.2 |
| TERRAL SECT LA495 | 75.0 | 29.2 | 98 | 38 | 4.3 | 37 | 0 | 5.9 |
| BROOKS | 51.5 | 29.1 | 100 | 43 | 5.0 | 65 | 2 | 6.7 |
| ARO258-7 | 48.3 | 29.6 | 98 | 47 | 4.9 | 41 | 2 | 6.2 |
| Mean | 100.5 | 32.9 | 97 | 41 | 3.6 | 10 | 0 | 4.5 |
| CV | 14.5 | 3.2 | 1 | 7 | 35 | 47 | 127 | 12 |
| LSD | 28 | 3 | 3 | 4 | 1.8 | 19 | 1 | 0.7 |
| THREE-YEAR | | | | | | | | |
| LA96006BSB119-1 | 124.9 | 33.3 | 102 | 46 | 2.8 | 0 | 0 | 3.9 |
| LA98010SBS-58 | 116.9 | 34.9 | 100 | 43 | 2.7 | 0 | 1 | 3.4 |
| LA97006GBS-22-B-S2 | 116.7 | 34.0 | 102 | 45 | 3.9 | 0 | 0 | 3.9 |
| PLOT SPIKE LA9339 | 115.8 | 33.3 | 105 | 45 | 2.3 | 1 | 1 | 4.0 |
| HORIZON 321 | 114.3 | 33.7 | 102 | 37 | 2.6 | 3 | 0 | 4.7 |
| TAMO397 | 113.1 | 30.8 | 96 | 46 | 2.5 | 5 | 0 | 4.4 |
| TAMO 405 | 108.7 | 32.0 | 96 | 39 | 4.0 | 0 | 0 | 3.8 |
| HORIZON 474 | 105.0 | 35.0 | 97 | 43 | 3.7 | 5 | 3 | 4.0 |
| TERRAL SECT LA495 | 98.3 | 30.4 | 102 | 42 | 3.2 | 32 | 0 | 5.5 |
| BROOKS | 65.3 | 28.8 | 103 | 47 | 5.1 | 74 | 2 | 5.9 |
| Mean | 108.0 | 32.6 | 100 | 43 | 3.3 | 12 | 1 | 4.4 |
| CV | 15.6 | 3.6 | 1 | 5 | 42 | 31 | 79 | 15 |
| LSD | 15.8 | 1.5 | 2 | 2 | 1.1 | 16 | 2 | 0.5 |
| Data from five tests: Baton Rouge and Winnsboro for 2005; Baton Rouge, Winnsboro, and Bossier City for 2004; and Alexandria, Baton Rouge, Bossier City, and Winnsboro for 2003. | | | | | | | | |
| Bold indicates a released (commercial) variety, others are non-released breeding lines. | | | | | | | | |
| Lodging and Stem Rust: 0 = none, 9 = severe | | | | | | | | |
| Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best. | | | | | | | | |