



Table 19. Oat variety trial Bossier City, LA, 2004.

| Brand / variety | Grain Yield | Test Weight | Heading Day | Plant Height | Lodging Score | Crown Rust | Stem Rust | Phenotype |
|--|--------------------|--------------------|--------------------|---------------------|----------------------|-------------------|------------------|------------------|
| | bu/a | lbs/bu | day of yr | in | 0-9 | % | 0-9 | 0-9 |
| HARRISON | 104.4 | 32.7 | 99 | 44 | 0.8 | none | none | |
| PLOT SPIKE LA9339 | 96.0 | 32.6 | 106 | 44 | 0.8 | occurred | occurred | |
| LA95033D63-1-C-S3 | 94.4 | 28.6 | 100 | 40 | 0.0 | | | |
| TX02M7344 | 90.6 | 29.6 | 100 | 43 | 4.5 | | | |
| HORIZON 314 | 90.2 | 32.1 | 104 | 40 | 0.0 | | | |
| TAMO 397 | 86.4 | 30.5 | 90 | 47 | 0.8 | | | |
| TERRAL SECT LA495 | 85.1 | 29.7 | 100 | 41 | 0.0 | | | |
| HORIZON 321 | 80.4 | 33.1 | 104 | 39 | 0.0 | | | |
| LA98009SBS-49-B-S1 | 76.8 | 31.0 | 103 | 39 | 0.0 | | | |
| LA98002SBS-26-B-S1 | 75.0 | 32.0 | 105 | 43 | 0.8 | | | |
| HORIZON 474 | 73.9 | 32.4 | 96 | 48 | 0.0 | | | |
| LA96006B119-1 | 72.2 | 31.2 | 100 | 43 | 0.8 | | | |
| TX01CSRHSEL1 | 68.6 | 30.5 | 92 | 35 | 0.0 | | | |
| LA98010SBS-58 | 68.1 | 33.6 | 99 | 41 | 0.0 | | | |
| LA98002SBS-64-B-S2 | 67.8 | 31.1 | 97 | 48 | 3.0 | | | |
| LA96006BSB-270-S2-C | 64.6 | 31.0 | 99 | 36 | 0.0 | | | |
| LA98009SBSB-58-B | 63.7 | 28.3 | 107 | 40 | 0.0 | | | |
| LA97006GBS22-B-S2 | 62.8 | 31.3 | 101 | 40 | 1.5 | | | |
| BROOKS | 60.9 | 30.0 | 98 | 44 | 2.3 | | | |
| TX02U7097 | 60.6 | 30.7 | 93 | 46 | 0.0 | | | |
| LA98016BSBS-23-2-S | 58.7 | 27.2 | 103 | 32 | 0.0 | | | |
| LA96006BSB32-1-1-B | 51.5 | 34.2 | 103 | 48 | 0.0 | | | |
| LA96006BSB187-1-1-B | 50.2 | 30.4 | 107 | 44 | 0.0 | | | |
| LA98015BSB-22-1-S | 49.1 | 29.9 | 101 | 49 | 0.8 | | | |
| LA976GSB-76-2-C | 48.9 | 30.8 | 101 | 40 | 0.8 | | | |
| LA98003SBSBSB-124-S | 48.3 | 31.4 | 94 | 47 | 3.0 | | | |
| ARO258-7 | 46.3 | 31.6 | 99 | 49 | 0.8 | | | |
| LA604 FILL | 41.8 | 30.6 | 107 | 37 | 0.0 | | | |
| Mean | 69.2 | 31.0 | 100 | 42 | 0.7 | | | |
| CV | 19 | 2 | 2 | 7 | 139 | | | |
| LSD | 18.3 | 0.9 | 2 | 4.0 | 1.4 | | | |
| Bossier City, LA. Red River Research Station. Jose Liscano and Jim Rabb. | | | | | | | | |
| Miller clay soil. Followed soybeans. | | | | | | | | |
| 3 reps. 4.1' x 23' plot harvest. 0-0-0 + 80-0-0 fertilizer pre/topdress on 3/9/04. 0.33 oz/acre Glean herbicide. | | | | | | | | |
| Planted: 10/25/03 Harvested: 5/29/04 | | | | | | | | |
| Fair stands but oats sowed to struggle most of the year. Some chlorosis resembling BYD or nutritional disorder. | | | | | | | | |
| Lodging and Stem Rust: 0 = none. | | | | | | | | |
| Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best. | | | | | | | | |