



Table 35. Oat Prelim-A across Baton Rouge and Winnsboro, LA, 2008.

| Brand / variety | Grain Yield | Test Wt | Seed Qual | Grow Habit | Leaf-iness | Wint Stress | Head Day | Plant Ht | Lod Score | Crn Rust | Stem Rust | Pheno type |
|----------------------------------|--------------|-------------|------------|------------|------------|-------------|-----------|-----------|------------|-----------|------------|------------|
| | bu/a | lbs/bu | 0-9 | 0-9 | 0-9 | 0-9 | of yr | in | 0-9 | % | 0-9 | 0-9 |
| HORIZONZN 270 | 135.2 | 33.1 | 2.5 | 3.8 | 5.3 | 2.0 | 88 | 47 | 0.3 | 0 | 2.0 | 4.7 |
| LA99016 | 134.2 | 34.3 | 1.5 | 5.8 | 3.0 | 1.0 | 95 | 50 | 0.5 | 0 | 1.0 | 4.0 |
| LA9911SBSBSB-45-B-S-B-S2-B-S1-B- | 130.3 | 33.2 | 1.5 | 3.0 | 5.5 | 4.0 | 100 | 45 | 0.0 | 0 | 0.5 | 5.2 |
| WIX8347-2 | 127.7 | 34.4 | 1.0 | 2.5 | 5.0 | 2.0 | 93 | 52 | 4.3 | 0 | 0.5 | 5.5 |
| LA02030SBSBSBS-3 | 126.2 | 31.8 | 2.0 | 5.5 | 4.3 | 1.0 | 99 | 42 | 0.0 | 0 | 1.0 | 3.5 |
| FL99113-J1 | 124.8 | 31.5 | 2.0 | 3.8 | 3.5 | 1.0 | 79 | 46 | 5.5 | 10 | 1.5 | 4.5 |
| LA976 | 124.5 | 34.6 | 1.5 | 5.8 | 4.3 | 2.0 | 95 | 46 | 1.3 | 0 | 1.0 | 4.0 |
| LA02035-I-J2 | 119.5 | 33.3 | 1.0 | 4.8 | 4.0 | 1.5 | 97 | 46 | 0.3 | 2 | 1.0 | 4.2 |
| LA02035-I-J1 | 117.3 | 33.4 | 2.0 | 5.0 | 4.0 | 2.0 | 96 | 47 | 0.0 | 0 | 1.0 | 4.5 |
| LA02030-S-B-106-S1-B-S2-B-S1 | 116.2 | 31.3 | 2.5 | 4.3 | 4.3 | 2.0 | 93 | 49 | 0.3 | 0 | 2.5 | 4.2 |
| FL0104FSB-116-S1-B-S2-B-S1 | 114.7 | 34.7 | 3.0 | 4.0 | 4.5 | 1.0 | 85 | 44 | 4.5 | 0 | 3.5 | 4.8 |
| LA04009SBSB-S4 | 113.7 | 33.6 | 2.5 | 6.5 | 3.8 | 1.0 | 92 | 47 | 5.8 | 0 | 1.0 | 4.0 |
| LA04004SBSB-S2 | 107.3 | 33.5 | 2.0 | 3.3 | 5.0 | 2.5 | 83 | 49 | 1.3 | 2 | 3.0 | 5.7 |
| FL99181-J11 | 102.1 | 32.1 | 1.0 | 4.8 | 3.8 | 2.0 | 101 | 50 | 2.3 | 4 | 0.5 | 5.0 |
| LA0001BSBS-5-S1-B-B-S3-B-S | 100.0 | 36.8 | 1.0 | 5.3 | 3.5 | 1.0 | 87 | 46 | 6.3 | 0 | 2.0 | 3.8 |
| QR1860BSB-S1 | 93.8 | 33.1 | 2.0 | 3.0 | 4.3 | 2.0 | 81 | 50 | 7.5 | 3 | 1.5 | 4.8 |
| FL0206FSB-34-S1-B-S1 | 89.4 | 32.7 | 2.5 | 3.0 | 4.8 | 2.0 | 87 | 48 | 7.3 | 0 | 0.5 | 4.7 |
| BROOKS | 58.5 | 32.8 | 2.0 | 4.0 | 5.0 | 2.5 | 93 | 44 | 8.3 | 85 | 2.0 | 7.0 |
| Mean | 113.1 | 33.4 | 1.9 | 4.3 | 4.3 | 1.8 | 91 | 47 | 3.1 | 6 | 1.4 | 4.7 |
| CV | 10 | 2 | 24 | 6 | 14 | 16 | 2 | 7 | 35 | 93 | 54 | 9 |
| LSD | 35.6 | 2.0 | 0.8 | 0.4 | 1.0 | 0.5 | 3 | 5 | 3.2 | 9 | 1.3 | 0.7 |

Bold indicates a released (commercial) variety, others are non-released breeding lines.

Seed Quality is a visual rating of seed appearance with 0 being best and 9 worst.

Winter Stress is degree of orange/purpling after a very wet January, probably Waterlogging, cold and P-deficiency. 0 = healthy green color and 9 = completely orange or discolored.

Lodging and Stem Rust: 0 = none, 9 = severe

Growth Habit: 0 is very spring-like - upright winter growth habit; 9 = very winter, prostrate growth habit.

Leafines is a visual estimate of the quantity of leaves produced (forage value)

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best, average of 2 ratings.