



Table 27. Oat variety trial Winnsboro, LA, 2007.

| Brand / variety            | Grain Yield<br>bu/a | Test Weight<br>lbs/bu | Head<br>Day<br>of yr | Height<br>in | Lodging<br>Score<br>0-9 | Phenotype<br>0-9 |
|----------------------------|---------------------|-----------------------|----------------------|--------------|-------------------------|------------------|
| TX02U7682                  | 142.4               | 35.5                  | 85                   | 33           | 0.5                     | 5.0              |
| FL99201-D29-E1             | 137.1               | 34.3                  | 87                   | 37           | 0.0                     | 4.0              |
| FL99212-D6                 | 133.6               | 35.2                  | 92                   | 35           | 0.0                     | 4.5              |
| LA02030-S-B-106-S1         | 133.3               | 34.1                  | 85                   | 33           | 0.0                     | 4.0              |
| LA99016SBSB-98-S           | 133.1               | 37.1                  | 88                   | 36           | 0.0                     | 3.5              |
| <b>HORIZON 270</b>         | <b>132.3</b>        | <b>36.3</b>           | <b>87</b>            | <b>28</b>    | <b>0.0</b>              | <b>5.0</b>       |
| <b>TAMO 406</b>            | <b>131.9</b>        | <b>35.4</b>           | <b>92</b>            | <b>32</b>    | <b>0.5</b>              | <b>4.0</b>       |
| FL99106-H4                 | 130.9               | 34.1                  | 92                   | 34           | 0.0                     | 4.0              |
| LA95033D63-1-C-S3          | 128.2               | 32.7                  | 92                   | 36           | 0.0                     | 4.0              |
| <b>TERRAL TROPHY</b>       | <b>125.7</b>        | <b>37.0</b>           | <b>88</b>            | <b>33</b>    | <b>0.0</b>              | <b>4.5</b>       |
| <b>TAMO 405</b>            | <b>124.6</b>        | <b>35.3</b>           | <b>85</b>            | <b>31</b>    | <b>0.0</b>              | <b>4.5</b>       |
| <b>TERRAL SECT LA495</b>   | <b>124.0</b>        | <b>33.7</b>           | <b>92</b>            | <b>33</b>    | <b>0.0</b>              | <b>4.5</b>       |
| LA0001BSBS-5-S2-S-B-S2     | 123.2               | 36.8                  | 90                   | 29           | 0.0                     | 4.5              |
| LA02030-S-B-171-S2         | 122.9               | 34.2                  | 83                   | 36           | 0.0                     | 4.5              |
| LA02079-S-B-69-S2          | 122.0               | 34.5                  | 81                   | 29           | 0.0                     | 4.0              |
| LA99011SBSBSB-45-B-S-B-S2  | 121.3               | 37.4                  | 92                   | 39           | 0.5                     | 4.5              |
| LA96006BSB119-1            | 121.3               | 35.0                  | 88                   | 36           | 0.5                     | 4.5              |
| LA98025BSB-38-B-8-B-S-B-S1 | 120.3               | 35.9                  | 90                   | 31           | 0.0                     | 5.5              |
| <b>PLOT SPIKE LA9339</b>   | <b>119.4</b>        | <b>35.3</b>           | <b>92</b>            | <b>35</b>    | <b>0.0</b>              | <b>3.5</b>       |
| FL0105-H3                  | 117.4               | 34.5                  | 83                   | 43           | 1.8                     | 4.5              |
| FL0048-H23                 | 116.8               | 34.7                  | 85                   | 29           | 0.5                     | 5.5              |
| <b>HORIZON 321</b>         | <b>114.5</b>        | <b>36.9</b>           | <b>94</b>            | <b>31</b>    | <b>0.0</b>              | <b>5.0</b>       |
| TX02U7473                  | 113.2               | 36.8                  | 81                   | 38           | 0.5                     | 4.5              |
| FL99153FBS-45-1-B-S-B-S2   | 112.8               | 36.4                  | 92                   | 31           | 0.0                     | 4.0              |
| <b>BROOKS S CHECK</b>      | <b>112.5</b>        | <b>34.8</b>           | <b>90</b>            | <b>36</b>    | <b>0.5</b>              | <b>3.5</b>       |
| LA02030-S-B-5-S2           | 110.5               | 35.0                  | 85                   | 34           | 1.3                     | 5.0              |
| <b>HORIZON 474</b>         | <b>104.0</b>        | <b>37.9</b>           | <b>88</b>            | <b>34</b>    | <b>1.0</b>              | <b>3.5</b>       |
| LAFL9912 NUDA              | 74.7                | 37.7                  | 85                   | 46           | 5.5                     | 5.0              |
| UFRGS 995580-1             | 34.7                | 38.9                  | 81                   | 32           | 0.0                     | 5.5              |
| <b>Mean</b>                | <b>118.3</b>        | <b>35.7</b>           | <b>88</b>            | <b>34</b>    | <b>0.4</b>              | <b>4.4</b>       |
| <b>CV</b>                  | <b>7</b>            | <b>3</b>              | <b>2</b>             | <b>7</b>     | <b>184</b>              | <b>22</b>        |
| <b>LSD</b>                 | <b>10.4</b>         | <b>1.2</b>            | <b>2</b>             | <b>4</b>     | <b>1.0</b>              | <b>NS</b>        |

H.J. 'Rick' Mascagni, Dustin Strickland, Bubba Bell, and Boyd Padgett.

Macon Ridge Research Station. Gigger silt loam. Soybeans previous crop. Planted 11/2/2006. Harvested 5/21/2007. 0.4 oz/acre Amber herbicide. 6-15-40 preplant fertilizer. 60-0-0 topdress on 2/6/2007. No disease pressure, very dry spring.

**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, average of 3 ratings.