

**Table 3. Wheat performance trial across South Louisiana for three years, 2017 - 2019.**

	Grain Yield	Test Wt	Head Day	Plant Ht	Lod Score	Leaf Rust	FHB Score	Pheno type
Brand / variety	bu/a	lbs/bu	of yr	in	0-9	%	0-9	0-9
LA01110D-150-625	75.1	58.0	83	33	2.8	0	0.6	5.3
<b>GO WHEAT LA754</b>	<b>74.7</b>	<b>57.5</b>	<b>83</b>	<b>32</b>	<b>3.5</b>	<b>0</b>	<b>1.3</b>	<b>5.8</b>
LA01110D-150-241	74.4	56.8	87	32	1.9	0	0.3	5.5
<b>DELTA GROW 3500</b>	<b>73.2</b>	<b>57.3</b>	<b>90</b>	<b>31</b>	<b>2.4</b>	<b>0</b>	<b>0.4</b>	<b>6.3</b>
<b>AGS 2024</b>	<b>72.1</b>	<b>56.8</b>	<b>76</b>	<b>29</b>	<b>4.3</b>	<b>0</b>	<b>2.8</b>	<b>6.3</b>
<b>AGS 2038</b>	<b>71.1</b>	<b>56.8</b>	<b>84</b>	<b>34</b>	<b>3.4</b>	<b>0</b>	<b>2.2</b>	<b>5.8</b>
<b>AGS 2055</b>	<b>71.0</b>	<b>52.2</b>	<b>94</b>	<b>32</b>	<b>1.2</b>	<b>0</b>	<b>0.3</b>	<b>7.0</b>
<b>PIONEER 26R94</b>	<b>70.0</b>	<b>58.2</b>	<b>77</b>	<b>33</b>	<b>3.7</b>	<b>0</b>	<b>3.5</b>	<b>6.0</b>
<b>AGS 3000</b>	<b>59.9</b>	<b>58.7</b>	<b>66</b>	<b>30</b>	<b>3.6</b>	<b>10</b>		<b>4.5</b>
<b>AGS 2040</b>	<b>55.5</b>	<b>58.3</b>	<b>75</b>	<b>30</b>	<b>3.9</b>	<b>0</b>	<b>2.8</b>	<b>5.5</b>
MEAN	69.7	57.1	82	31	3.1	1	1.5	5.8
CV(%)	11	2	1	5	28	249	29	12
LSD (0.10)	8.6	2.1	6.2	1.1	1.4	4.2	NS	-
<b>Data from</b> Crowley 2017, 2018 and 2019; Baton Rouge for 2018; and Jeanerette for 2018 and 2019.								
<b>Bold</b> 'Brand/variety' indicates the entry is commercially available, others are non-released breeding lines.								
<b>Lod Score</b> is lodging score on a scale of 0 = none to 9 = 100% lodged.								
<b>Leaf Rust</b> is percent tissue of upper three leaves affected by leaf rust.								
<b>FHB</b> is a 0-9 sclae for FHB symptoms on heads in the yield plots, 0 = none.								
<b>Phenotype</b> is overall visual appeal on a 0 = very ugly to 9 = very attractive plot. It takes into account tillering, head appearance, canopy density, leaf color and health, etc.								
NS indicates that variety mean differences were not statistically significant.								