### Table 2 Comparison of main agronomic traits between BC3F1 populations and C815S

<table>
<thead>
<tr>
<th>lines</th>
<th>Duration of seed-heading (d)</th>
<th>Plant height (cm)</th>
<th>Panicle length (cm)</th>
<th>Flag leaf length (cm)</th>
<th>Flag leaf width (cm)</th>
<th>Productive panicles</th>
<th>Grains per panicle</th>
</tr>
</thead>
<tbody>
<tr>
<td>C815S/75-1-127 BC3F1</td>
<td>92</td>
<td>70.6±1.5</td>
<td>24.1±0.5</td>
<td>36.1±1.5</td>
<td>1.7±0.2</td>
<td>17.3±1.2</td>
<td>215.7±2.9**</td>
</tr>
<tr>
<td>C815S/GM2 BC3F1</td>
<td>92</td>
<td>70.8±2.1</td>
<td>23.4±0.8</td>
<td>33.6±2.5</td>
<td>1.7±0.1</td>
<td>17.7±2.6</td>
<td>202.3±3.3**</td>
</tr>
<tr>
<td>C815S/GM4 BC3F1</td>
<td>93</td>
<td>70.1±1.3</td>
<td>23.6±0.8</td>
<td>34.0±2.8</td>
<td>1.7±0.1</td>
<td>17.5±1.8</td>
<td>218.5±2.9**</td>
</tr>
<tr>
<td>C815S/TY BC3F1</td>
<td>93</td>
<td>71.5±1.3</td>
<td>22.5±0.8</td>
<td>34.0±2.1</td>
<td>1.7±0.1</td>
<td>17.0±1.8</td>
<td>220.2±5.1**</td>
</tr>
<tr>
<td>C815S/XZ3150 BC3F1</td>
<td>92</td>
<td>72.8±3.3</td>
<td>22.8±1.0</td>
<td>35.5±2.5</td>
<td>1.7±0.1</td>
<td>16.0±2.2</td>
<td>225.3±3.7**</td>
</tr>
<tr>
<td>C815S/MWG BC3F1</td>
<td>91</td>
<td>72.3±2.8</td>
<td>23.5±0.8</td>
<td>36.2±2.2</td>
<td>1.7±0.2</td>
<td>16.7±1.2</td>
<td>198.5±2.2**</td>
</tr>
<tr>
<td>C815S</td>
<td>92</td>
<td>69.7±1.7</td>
<td>22.7±1.2</td>
<td>34.1±2.7</td>
<td>1.7±0.1</td>
<td>16.3±1.2</td>
<td>184.3±3.9</td>
</tr>
</tbody>
</table>

注: **: 表示与轮回亲本 C815S 相比在 0.01 水平存在显著差异, 多重比较采用 LSD 法

Notes: **: There is a significant difference at 0.01 level compared with the recurrent parent C815S, LSD method was used for multiple comparisons