Growth Stage 30:
Tip of developing ear is 1 cm or more from above the stem base, but first node is less than 1 cm from the stem base.

Ear at 1 cm (30) (main shoots split)

Growth Stages (Zadoks)

<table>
<thead>
<tr>
<th>Stage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>One shoot 1st leaf</td>
</tr>
<tr>
<td>12</td>
<td>2nd leaf</td>
</tr>
<tr>
<td>21</td>
<td>Tillering begins</td>
</tr>
<tr>
<td>22-29</td>
<td>Leaf-sheaths lengthen</td>
</tr>
<tr>
<td>30</td>
<td>Leaf-sheaths strongly erect. Start of stem elongation</td>
</tr>
<tr>
<td>31</td>
<td>First node of stem visible</td>
</tr>
<tr>
<td>32</td>
<td>2nd node visible</td>
</tr>
<tr>
<td>37</td>
<td>Last (flag) leaf just visible</td>
</tr>
<tr>
<td>39</td>
<td>Base (ligule) of last leaf just visible</td>
</tr>
<tr>
<td>45</td>
<td>Booting-ear swollen in boot</td>
</tr>
<tr>
<td>51-59</td>
<td>Heading-ear emergence</td>
</tr>
<tr>
<td>61-69</td>
<td>Flowering</td>
</tr>
<tr>
<td>71-79</td>
<td>Milk development</td>
</tr>
<tr>
<td>81-89</td>
<td>Dough development</td>
</tr>
<tr>
<td>91-99</td>
<td>Ripening</td>
</tr>
</tbody>
</table>

Foundation phase 0–29
Construction phase 30–59
Grain-filling phase 61–harvest