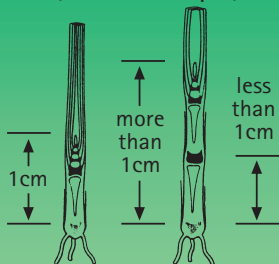


# Ravensdown Cereal Growth Stages Guide

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

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



Growth Stages (Zadoks)

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

Foundation phase

0-29

Construction phase

30-59

Grain-filling phase

61-harvest