

## Celery Sampling & Growth Stages

**Timing:** Mid vegetative (stage 1.5) to mid bulking up (stage 4.5)

**Sample volume:** 20 stems (30-40 from very young plants)

**Sampling:** Collect the stem of the youngest fully expanded leaf, usually the tallest leaf in young plants. Discard leaves; retain about 20 cm from base of stem for analysis. Return to the same representative area for subsequent samples

Primary Stage	Secondary Stage	Description	Comments
1		<i>Leaf development</i>	
	1.2	Early vegetative	2 true leaves
	1.5	Mid vegetative	Five or more true leaves
3		<i>Stem elongation</i>	
	3.5		Stem 50% of final length
	3.7		Stem 70% of final length
4		<i>Development of harvestable plant parts</i>	
	4.2	Early bulking up	20% of harvestable vegetable plant parts reached
	4.5	Mid bulking up	50% of harvestable vegetable plant parts reached
	4.7	Late bulking up	70% of harvestable vegetable plant parts reached
	4.9	Harvest	Harvestable vegetable plant parts have reached final size

*Growth Stage numbering system is in accordance to the extended BBCH, a uniform coding of phenologically similar growth stages for all plant species*

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