

Cauliflower Sampling & Growth Stages

Timing: Begin sampling at stage 1.5 (Early establishment) and continue into late head development (stage 4.7) at fortnightly intervals.

Sample volume: 20 petioles in the early stages; reduce the sample size to 15 as the plant matures. Return to the same representative sampling area for subsequent samples.

Sampling: Collect 1 leaf per plant. Select the youngest fully expanded leaf (YFEL) usually the tallest leaf. Strip the leaf matter away leaving the petiole and midrib for analysis.

Primary Stage	Secondary Stage	Description	Comments
1			<i>Leaf development</i>
	1.3	Early establishment	3rd true leaf unfolded
	1.6		6th true leaf unfolded
	1.7	Vegetative	7th true leaf unfolded
	1.9		9th true leaf unfolded
4			<i>Development of harvestable Vegetative plant parts.</i>
	4.3	Early head	30% of the expected head diameter reached
	4.5		50% of the expected head diameter reached
	4.7	Late head	70% of the expected head diameter reached
	4.8		80% of the expected head diameter reached
	4.9	Harvest	Typical size and form reached; head tightly closed

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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