

Flowers General Sampling & Growth Stages

Timing: Begin sampling at stage 1.2 (mid vegetative) and go to stage 5.2 (mid bud development).

Sample volume: 50-100 leaves or 30-50 shoot tips depending on flower type

Sampling: Collect the Youngest Fully Expanded Leaf (YFEL) or a 10cm long new growing tip from representative plants (1 leaf or shoot tip per plant). Remove the leaf blades or leaflets and retain the petiole or shoot tip for analysis. If petioles are very small e.g. in lilies, sent the **entire** leaf for analysis. Return to the same block for subsequent samples.

Primary Stage	Secondary Stage	Description	Comments
1			<i>Vegetative Growth</i>
	1.1		Early vegetative
	1.2		Mid vegetative
	1.3		Late vegetative
5			<i>Flower Bud Development</i>
	5.1		Early flower bud development
	5.2		Mid bud development
	5.3		Late bud development
6			<i>Flowering</i>
	6.1		Early flowering

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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