

Timing: Begin sampling at stage 1.5 (mid vegetative) and sample from then on as required.

Sample Volume: 30 – 50 growing tips

Sampling: Collect 20cm long new growing tips from representative plants in a representative area in the paddock.

Return to the same area for subsequent samples. Avoid taking samples from poorly performing plants, near irrigation runs, hydrants, fence lines and bare patches in the paddock.

Plant part for analysis: Remove leaves as they will decompose in transit. Retain the shoot tip for analysis.

Primary Stage	Secondary Stage	Description	Comments
1			<i>Vegetative growth</i>
	1.1		Early vegetative, plants start to move after dormancy
	1.5		Mid vegetative, plants to 50% of height
	1.9		Late vegetative, bud development imminent
5			<i>Flower bud development</i>
	5.1		Early flower bud development, 10% of crop with buds
	5.5		Mid bud development, 50% of crop with buds
	5.9		Late bud development, first flowers starting to open
6			<i>Flowering</i>
	6.1		Early flowering, 10% flowers open
	6.5		Mid flowering, 50% of flowers open
	6.9		Late flowering, flowers starting to dry
9			<i>Seed harvest</i>

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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