

Coffee Sampling & Growth Stages

Timing: Begin sampling at stage 3 (shoot growth), and continue through to stage 8.5 (late fruit growth) or as required.

Sample volume: 40 shoot tips, each 10cm long

Sampling: Collect 10 cm of new shoot tips from current season's growth. Remove leaflets and retain stems for analysis

Primary Stage	Secondary Stage	Description	Comments
1			<i>Leaf development</i>
	1.2	Vegetative growth	4 leaf pairs unfolded
	1.9		9 or more leaves unfolded
2			<i>Formation of branches</i>
	2.2		20 pairs of branches visible
3			<i>Branch elongation</i>
	3.2		20 nodes present on branch(es)
	3.6		60 nodes present on branch(es)
5			<i>Inflorescence emergence</i>
	5.1		Inflorescence buds swelling on leaf axils
	5.5		Flowers visible, still tightly closed
	5.9		Flowers with petals elongated (6-10mm long), still closed and white in colour
6			<i>Flowering</i>
	6.1		10% flowers open
	6.5		50% flowers open
	6.9		90% flowers open
7			<i>Fruit Development</i>
	7.0	Fruit Set	Beginning of berry growth. Fruits have reached 10% of final size
	7.1	Fast growth	Fruits have reached 30% of final size
	7.9		Fruits are pale green and contents solid and white. Physiological maturity is complete. 90% final size
8			<i>Ripening of fruit and seed</i>
	8.1		Fruit changing from green to red
	8.8		Fruit is fully ripe colour and ready for picking
	8.9		Overripe, beginning of darkening or drying

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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