

Ginger Sampling & Growth Stages

Timing: Begin sampling at stage 1.5 (Vegetative growth), continue fortnightly until stage 4.6

Sample volume: 30 plants for stage 1, later 15-20 plants. Return to the same representative sampling area for subsequent samples.

Sampling: Send entire tops of young plants. Later, the rhizome and leaflets should be removed, retaining 10cm of the lower stalk for testing.

Primary Stage	Secondary Stage	Description	Comments
1			<i>Leaf Development (main shoot)</i>
	1.5	Vegetative growth	5th true leaf unfolded
	1.9		9 or more true leaves unfolded
4			<i>Development of harvestable part</i>
	4.1	Bulking up of rhizomes for harvesting	Roots begin to expand (diameter > 0.5 cm)
	4.2		20% of the expected rhizome diameter reached
	4.4		40% of the expected rhizome diameter reached
	4.5		50% of the expected rhizome diameter reached
	4.6		60% of the expected rhizome diameter reached
	4.8		80% of the expected rhizome diameter reached
	4.9		Expansions complete; typical form and size of rhizome reached

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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