

## Poppy Sampling & Growth Stages

**Timing:**  
**Sample volume:** 30 leaves  
**Sampling:** Select one youngest fully expanded leaf (YFEL) from 30 plants of a representative portion of the paddock. Retain the whole leaf and leaf stalk (petiole) for analysis. Return to the same area for subsequent samples.

Primary Stage	Secondary Stage	Alternative Industry Stages	Description	Comments
<b>1</b>			<b>Vegetative</b>	<i>Leaf development</i>
	1.2	0.2		2 leaf
	1.4	0.4		4 leaf
	1.6	0.6		6 leaf
	1.8	0.8		8 leaf
<b>3</b>			<b>Early generative</b>	<i>Stem elongation Rosette Growth</i>
	3.1	1		10 leaf (small rosette)
	3.2	2		large rosette
	3.3	3		running up
	3.4	4		late running up
<b>5</b>			<b>Generative</b>	<b>Inflorescence development</b>
	5.1	5		bud in apex
	5.2	6		early hook
	5.3	7		hook
	5.4	8		upright bud
<b>6</b>			<b>Generative</b>	<i>Flowering</i>
	6.1	9		first flower
	6.2	10		full flower
	6.3	11		late flower
	6.4	12		petal fall
<b>8</b>			<b>Maturity</b>	<i>Seed development</i>
	4.1	13		green capsule
	4.2	14		striped capsule
	4.3	15		seed free (seeds are black, dry to blue).
<b>9</b>			<b>Senescence</b>	

*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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