




















Soybean Maturity Guide

Field View	Seed Development in Pods on Upper 4 Nodes	Crop Stage	Average # of Days After Planting	Days to R8
		<p>R6 Full Seed</p> <p>Field remains green and seeds fill the pod to capacity. A white membrane surrounds the seed. At this stage, maximum plant height, node number and leaf area has been reached.</p> <p>Crop is very susceptible to yield and quality loss if frost occurs. A damaging frost may reduce yield up to 50%.</p>	85 to 95	20 to 30
		<p>R6.5</p> <p>General yellowing of the field. Pods turn from green to yellow and rapid leaf drop begins.</p> <p>Green pods are susceptible to yield and quality loss if frost occurs. A damaging frost may reduce yield up to 30%.</p>		10 to 15
		<p>R7 Physiological Maturity</p> <p>Field is yellow with only some top leaves remaining. The majority of pods are yellow and at least one pod on the main stem is brown. The white membrane surrounding the seed is no longer visible/seeds have detached from the pod, making the crop safe from frost (<10% yield loss would be expected).</p> <p>✓ Ensure crop reaches R7 prior to or around the typical first fall frost date.</p>	105 to 115	8 to 10
		<p>R8 Full Maturity</p> <p>Field is tan-brown and 95% of the pods are brown. Seeds will rattle in the pod and all leaves will be dropped. Field is ready to harvest in 5–10 days when seed moisture is <14%.</p>	110 to 120	

SOYBEAN GROWTH STAGING GUIDE

<p>VE Emergence</p> <p>Cotyledons have been pulled through the soil</p>		<p>VC Unifoliolate</p> <p>Unrolled unifoliolate leaves</p>		<p>V1 Trifoliolate</p> <p>First unrolled trifoliolate leaf</p>		<p>V2 to V12</p> <p>Second unrolled trifoliolate leaf, third unrolled trifoliolate leaf, fourth, etc.</p>		<p>R1 Beginning bloom</p> <p>Plants have at least one open flower at any node (can be purple or white)</p>		<p>R2 Full bloom</p> <p>Plants have an open flower at one of the two uppermost nodes on the main stem</p>	
<p>R3 Beginning pod</p> <p>Pods are 1/4-inch long at one of the four uppermost nodes on the main stem</p>		<p>R4 Full pod</p> <p>Pods are 3/4-inch long at one of the four uppermost nodes on the main stem</p>		<p>R5 Beginning seed</p> <p>Seeds are 1/8-inch long in the pod at one of the four uppermost nodes on the main stem</p>		<p>R6 Full seed</p> <p>Pods contain green seeds that fill the pod to capacity at one of the four uppermost nodes on the main stem</p>		<p>R7 Beginning maturity</p> <p>Majority of pods are yellow and at least one pod on the main stem has reached its mature colour (tan/brown)</p>		<p>R8 Full maturity</p> <p>95% of the pods have reached their mature colour</p>	