








# Blueberry Growth Stages

Flower Bud Development						
1	2	3	4	5	6	7
Tight Bud	Bud Swell	Tight Cluster	Early Pink Bud	Late Pink Bud	Full Bloom	Petal Fall
						
No visible swelling; bud scales completely closed.	Visible swelling of buds; scales separated. Can tolerate 10 to 15°F (-12 to -9°C).	Individual flowers distinguishable. Can tolerate 20 to 25°F (-6 to -4°C).	Partly expanded flowers are readily visible and have separated; corolla tubes (petals) short and closed. Can tolerate 23 to 25°F (-5 to -4°C).	Individual flowers fully developed and separated; corollas expanded but still closed. Can tolerate 24 to 27°F (-4 to -3°C).	Most flowers on the bush have opened and can tolerate 28°F (-2°C).	Corollas are falling off, revealing small green fruit; this is the stage most vulnerable to frost damage, which can occur at 32°F (0°C).