

Honey Bee (*Apis Melifera*) Lifecycle

Days since egg laid	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Queen	Egg		Lava						Pp	Pupa							Adult Queen											
	Open Cell								Capped Cell								Mature & Ready to Mate											
Worker	Egg		Lava						Pp	Pupa							Adult Worker											
	Open Cell								Capped Cell																			
Drone	Egg		Lava						Pp	Pupa							Adult Drone											
	Open Cell								Closed Cell								Mature & ready to mate day 37											

Event / Stage	Egg Hatches	1st Laval Moults	2nd Laval Moults	3rd Laval Moults	4th Laval Moults	Cell Sealed	Cocoon Spun	Propupa develops in 5th laval skin	5th Moults to Pupa	Pupa Eyes Pale Red	Pupa Eyes Red	Pupa Eyes Purple Thorax Red	Pupa Abdomen Yellow	Pupa Antenna Darken	Moult of Pupa to Adult	Emergence of Adult	Mature & Ready to Mate	Lifespan	
																		Winter	Summer
Queen	3	3.5	4.5	5.5	6.5	8	9	10	12	13	14	15	16	20				3-4 years	
Worker	3	3.5	4.5	5.5	6.5	8-9	10	11	14	15	17	18	19	20	21	-		c 6 mths	5-6 wks
Drone	3	4	5	6	7	10	12	14						22.5	24	37		-	< 4 mths