

BEE DEVELOPMENT

Development of eggs

DAYS	QUEEN	WORKER	DRONE
1	eggs laid - stands upright	as Queen	as Queen
2	egg starts tilting	as Queen	as Queen
3	eggs lay flat	as Queen	as Queen
4-10	from 3½ days moulting takes place. Moulting takes place till 4th moult. Day 8: cell is sealed.	as Queen	day 10: cell sealed
9-10	spins cocoon	as Queen	
10-14	day 10: 5th moult pupa develops	day 11: 5th moult pupa develops	day 12: spins cocoon day 14: 5th moult pupa develops
15-24	day 15: changes to adult day 16: Queen emerges day 20: matures to mate	day 20: changes to adult day 21: worker emerges	day 23: changes to adult day 24: drone emerges
			day 37: matures to mate

Tasks of a Worker

DAYS	Period of service as a house bee	TASKS OF WORKER BEES (After 21 days in cell)
1	---"---"----	Becomes a hive bee
1-2	---"---"----	Cleans cells and keeps brood warm
3-5	---"---"----	Feeds older larvae
5-6	---"---"----	Feeds young larvae
6-12	---"---"----	Receives nectar from field bees. Royal Jelly glands active. Cleans the hive
12-19	---"---"----	Builds. Wax glands active. Explores vicinity of the hive. Becomes a guard bee
20	Period of service as a field bee	Becomes a field bee
20+	---"---"----	Collects nectar, pollen, water and propolis. Pollinates plants
40	---"---"----	Dies about 40 days old

Note;- All above are generalisations and may vary with prevailing conditions.