

It never takes these insects long to make their way to a decomposing body, and the first thing they do when they get there is lay eggs. This timeline is based on a constant temperature of 70 degrees.

ACTUAL SIZE



DAY 1

Adult fly lays eggs on body.

DAY 2

Eggs hatch and larvae emerge.

DAYS 3-7

Their measured life cycle allows **forensic entomologists** — bug specialists — to roughly calculate when a victim died based on the developmental stage of the blowflies when the body is discovered.

TWO WEEKS

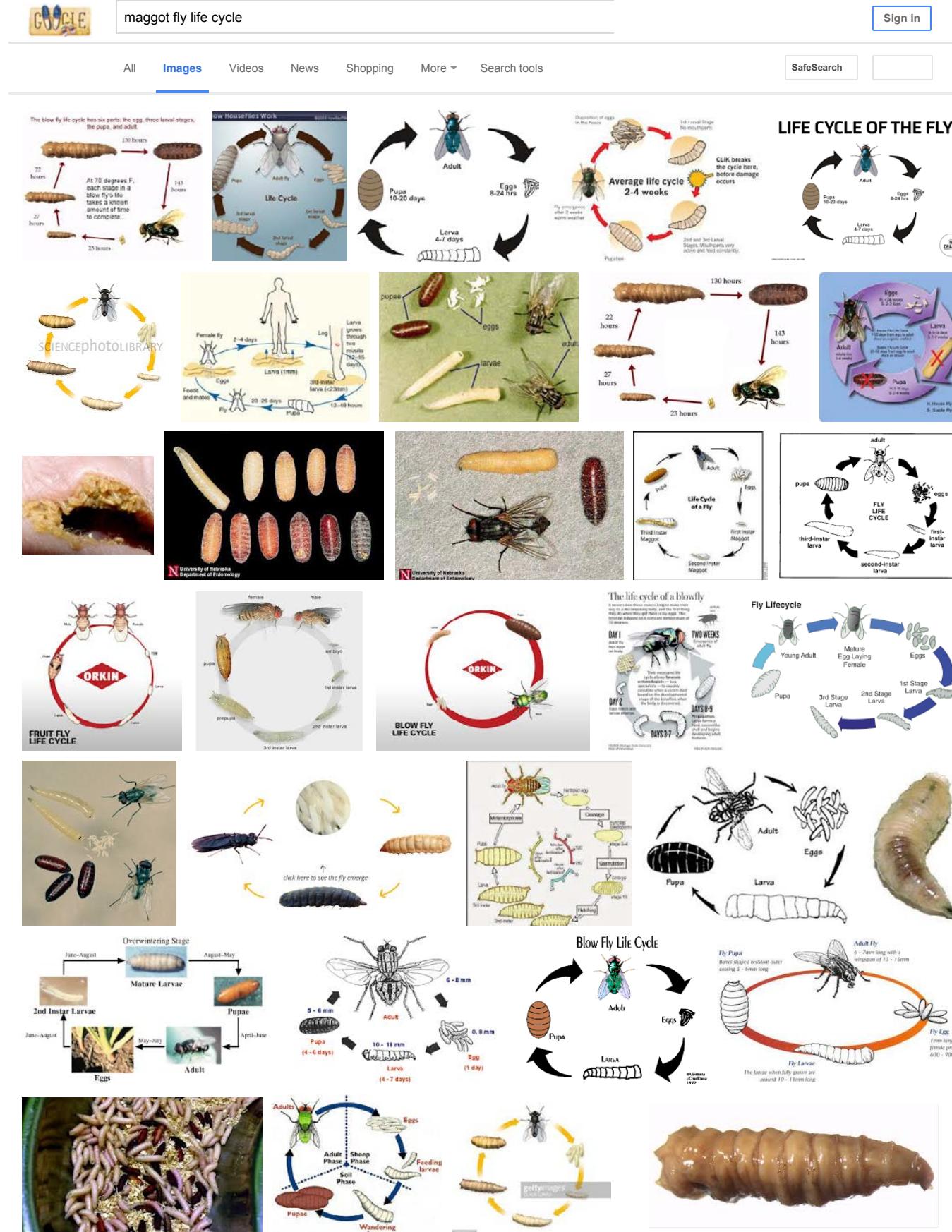
Emergence of adult fly.

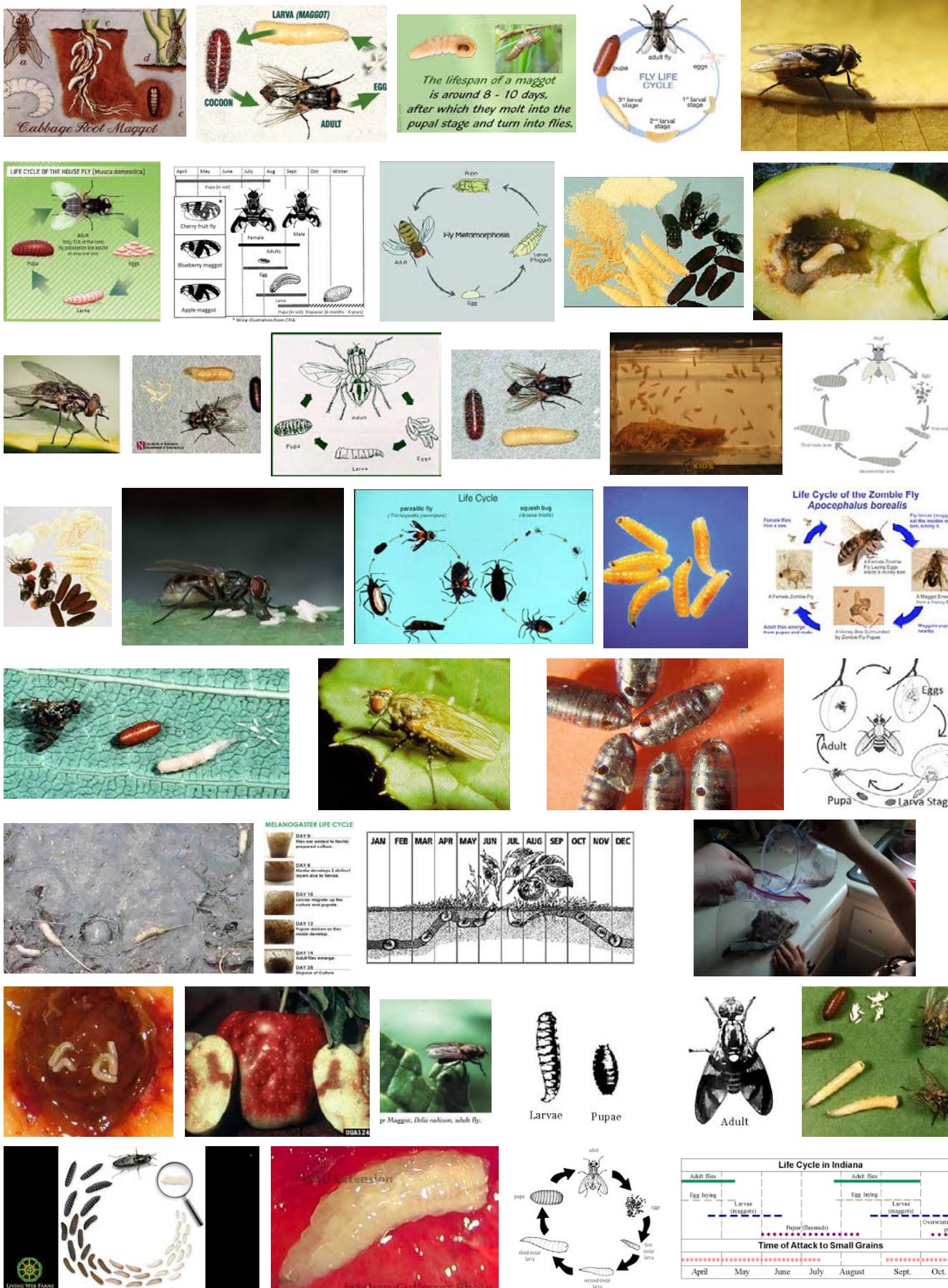
DAYS 8-9

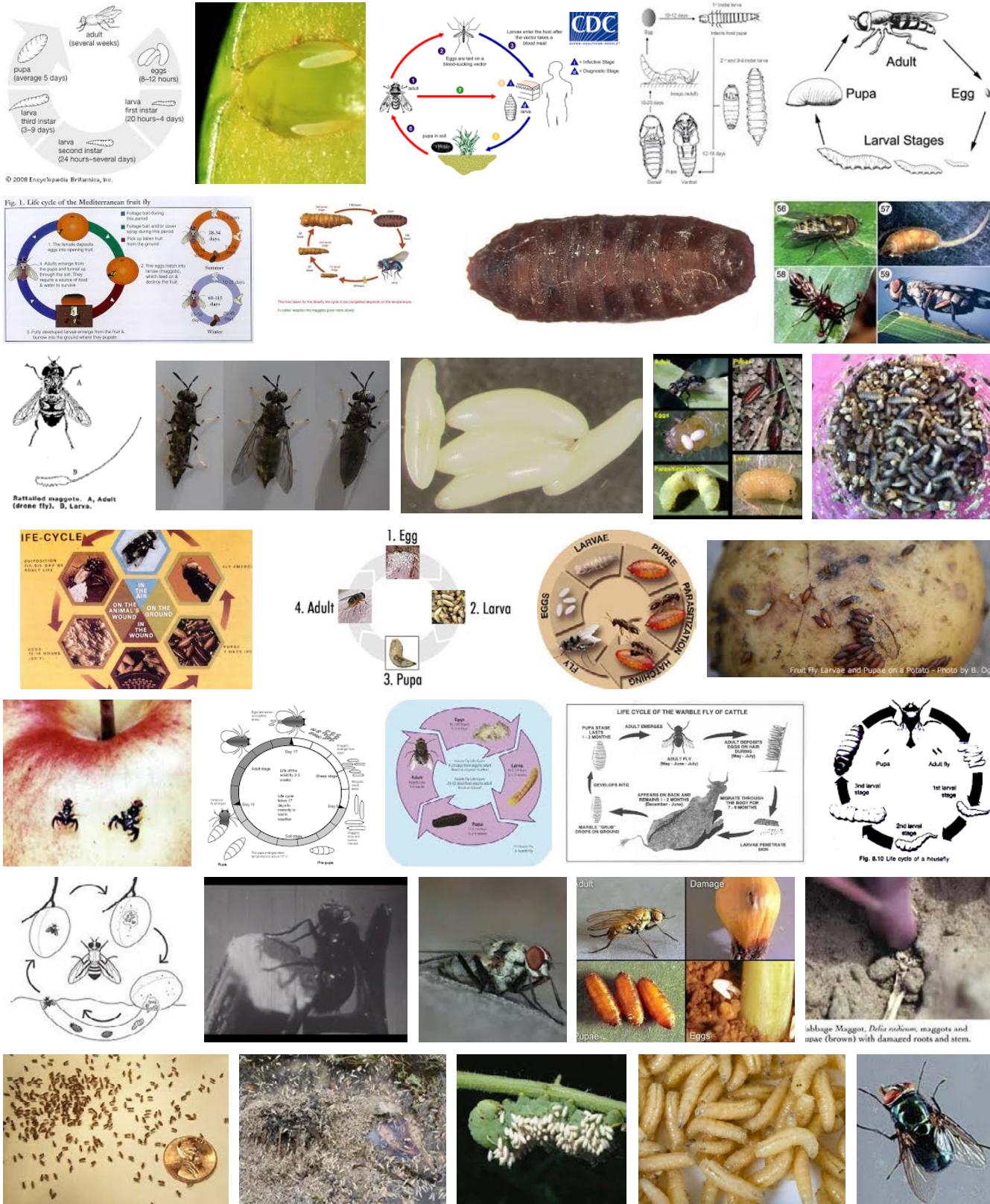
Prepupation. Larva forms a hard, cocoonlike shell and begins developing adult features.

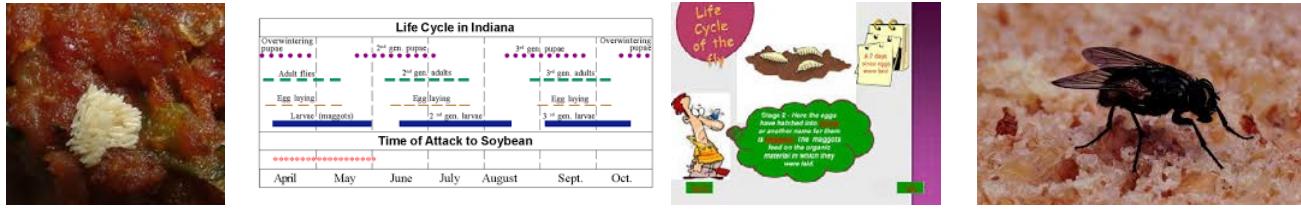
SOURCE: Michigan State University Dept. of Entomology

THE PLAIN DEALER

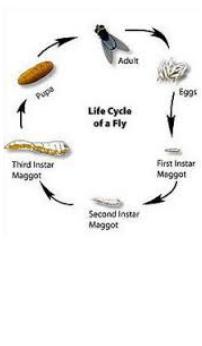
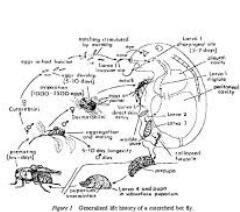
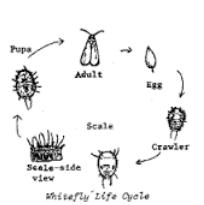
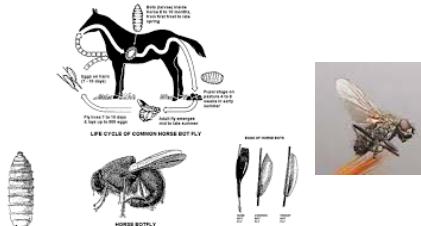






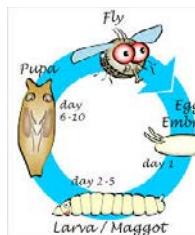


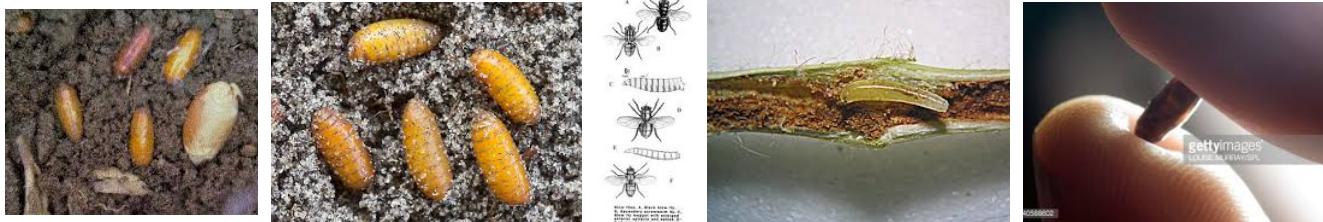
6 days ago

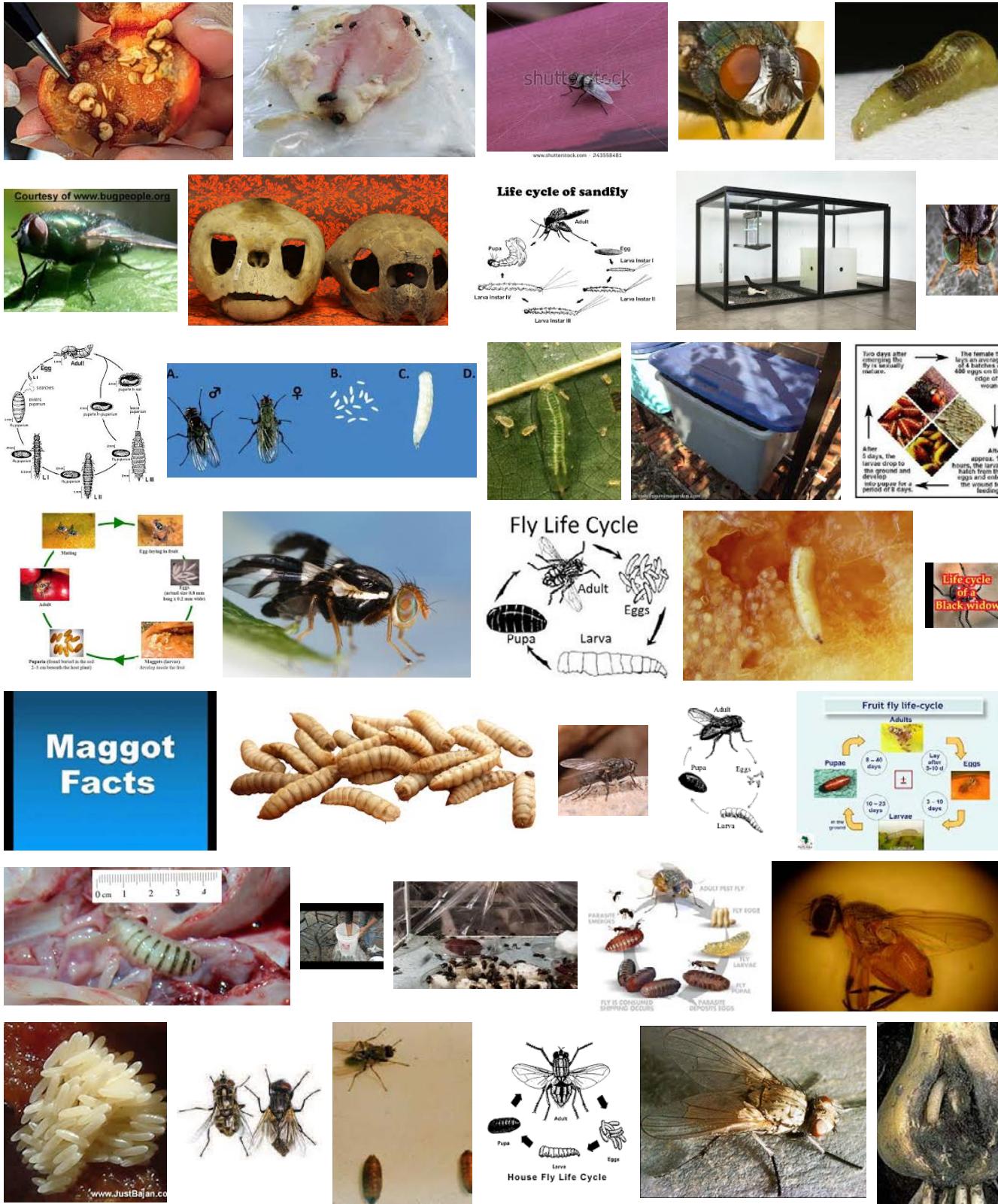


House fly- life cycle

- Egg**- 150-200eggs/sitting
1mm long, poorly white.
2 longitudinal ridges in dorsal side
- Larva (maggots)**- white segmented(13) footles, worm like,1/2 inch. narrow anterior end & broad posterior end
no eyes / appendages







**How to Disrupt Fly Life Cycles****4. Living things Grow and Develop**

- Life Cycles
- Life cycle of a butterfly—egg—caterpillar—pupa (chrysalis)—adult butterfly
- Life cycle of a fly—egg—maggot—adult fly
- All living organisms grow at least part of their lives.

4. Living things DEVELOP and grow.

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- Life cycle of a butterfly—egg—caterpillar—pupa (chrysalis)—adult butterfly
- Life cycle of a fly—egg—maggot—adult fly
- All living organisms grow at least part of their lives.
- Growth = ↑ in size
- Develop = mature

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- All living organisms grow at least part of their lives.
- Growth = ↑ in size
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**Where
Do
MAGGOTS
Come
From?**

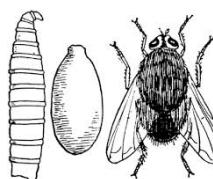
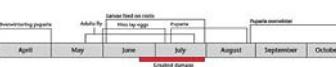
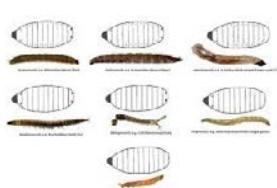
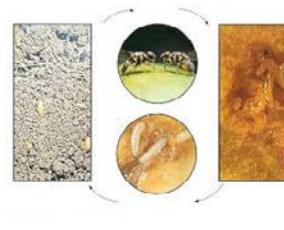
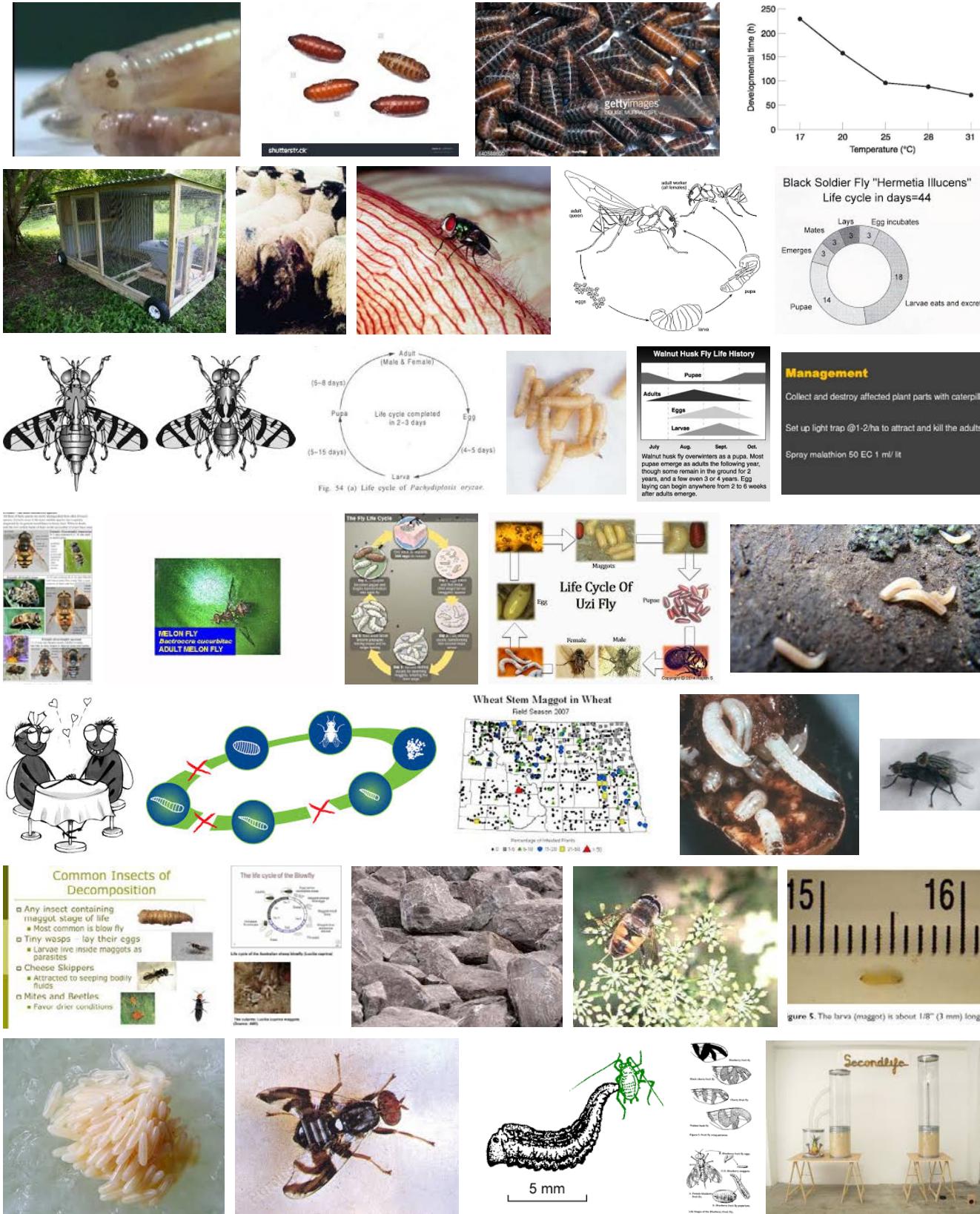


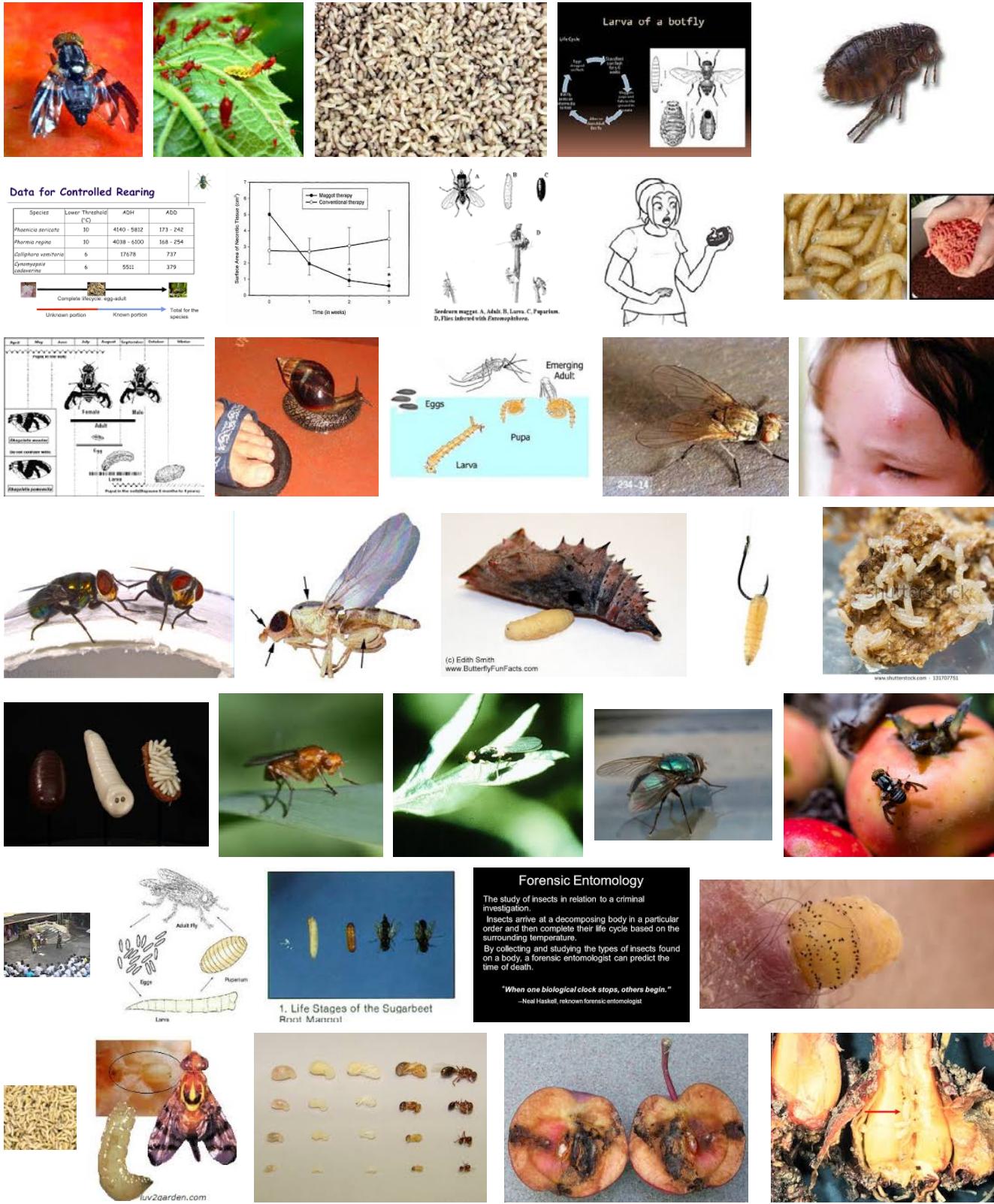
Figure 4. The adult stage of this pest is a small fly



Compound/Trade Name	Chemical Class	Life-stage Activity	Optimal Spray Timing for apple	Residual Activity	** Miles Flying Distance	Effectiveness rating***
Gathion, Isolan, Malathion	Organophosphate	Adults & immatures	10 days after the first fly is captured	14+ days	L - M	E
Axon, Worrell, Dieldrin, Methoprene, Baythroid, Deltagran, Deltagran, GF120-N*	Pyrethroid	Adults	7-10 days after the first fly is captured	7-10 days	H	F/G
Spinosyn	Spinosyn	Adults	Immediately after the first fly is captured	7-10 days	-	F
Actellic, Clutch, Help, Duracide, Duracide	Nonchemical	Adults & larvae	10-14 days after the first fly is captured	10-14 days	L - M	G/E
Sureprod W/P*	Paraffin Film Protectant	Adults	Immediately after the first spray applications before fly emergence	As long as there is enough of the tree canopy is maintained	L	E









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