

BEEKEEPING

WHY DO BEES Swarm ?

Why do bees swarm for one of four reasons...

1. Bees will swarm because they get crowded in their hive. The queen will leave with part of the hive. If they are going to swarm, they will create a new queen cell and allow the queen to lay eggs on a new queen can emerge and take over the remaining hive.
2. Or they abscond (to leave in a hunch) to the case, all bees including the queen abandon the existing hive completely due to lack of food or water, parasites or disease infestation, frequent disturbance by humans or animals, weather changes, poor ventilation, or problems with the queen.

What time of year do bees swarm?

1. Bees tend to swarm in the spring after the queen and her bees get going.
2. They tend to swarm quickly in the springtime if they have a lot of honey in the hive. It will get hot for food, with honey for the queen to lay her eggs.
3. Worker bees are able to detect when it's time to swarm due to overcrowding of the hive and the lack of pheromone production from the queen.

In preparation for the swarm, the workers will clean the spaces of honey in order to lay her eggs on the wax.

They will also agitate and run her around in order to prevent her from laying many eggs. If they are going to swarm, they will create new queen cells and allow the queen to lay eggs so a new queen can emerge and take over the hive.

Crowded hive

Swarm

NAME: Addison Quantibaum
CLASS: Farringtons 4th Grade

WELD COUNTY FAIR

RESERVE GRAND CHAMPION BEEKEEPING

1ST AWARD
GREEN HAWK AWARD

GRAND CHAMPION
GREEN HAWK AWARD

GREELEY COLORADO

BEEES AND THEIR FLOWERS WEEDS

Hyalozoa (Hyalozoa affinis)
Swarm Time: Summer to mid-early fall
Start of the new season, so they find a colony to join.

Pleuronotus (Pleuronotus)
Swarm Time: Late spring to early summer
Bee and fly hybrid.

Bee Eagle (Colletes maculata)
Swarm Time: June to September
Bee and fly hybrid of bee and fly.

Bee Bee (Halictus)
Swarm Time: Spring to early summer
The young are called "bee fly" but they do not sting.

Colletes (Colletes)
Swarm Time: Spring to early summer
Bee and fly hybrid of bee and fly.

Spilopogon (Spilopogon)
Swarm Time: Spring to early summer
Bee and fly hybrid of bee and fly.

Thyreus (Thyreus)
Swarm Time: Summer to fall
Bee and fly hybrid of bee and fly.

Dankleria (Dankleria)
Swarm Time: Spring to early summer
Bee and fly hybrid of bee and fly.

Halictus (Halictus)
Swarm Time: Spring to early summer
Bee and fly hybrid of bee and fly.

Synaldis (Synaldis)
Swarm Time: Spring to early summer
Bee and fly hybrid of bee and fly.

Psithyrus (Psithyrus)
Swarm Time: Spring to early summer
Bee and fly hybrid of bee and fly.

Halictus (Halictus)
Swarm Time: Spring to early summer
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ADDYSON QUATTLEBAUM

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TESSA ANDERSON

