

Mixing and Feeding Fumagilin

Fumagilin is used as a preventative and a treatment for Nosema in honeybees.

NOSEMA Nosema is a honey bee disease that is caused by a parasite. **Fumagilin** is used to prevent Nosema and to treat the bees for it if they become infected. This antibiotic is administered to the hive in sugar syrup. Nosema causes dysentery and one obvious symptom is spotting on the front of the hive and often inside as well. It is advisable to treat packages of bees with Fumagilin when they are installed.

Fall Treatment

One **.5 gram bottle** of Fumagilin is enough to medicate 3 colonies with two deep supers. Feed 2 gallons of medicated syrup per colony.

One **2.0 gram bottle** of Fumagilin is enough to medicate 12 colonies with two deep supers. Feed 2 gallons of medicated syrup per colony.

To prepare one gallon of medicated 2:1 sugar syrup

Dissolve one half (1/2) rounded tablespoon of Fumagilin-B in about 2 oz. of water then mix this into 1 gallon of 2:1 sugar syrup. Mix this thoroughly.

To treat colonies with a single deep super

Feed **one** gallon of 2:1 sugar syrup as prepared above.

To treat colonies with two deep supers

Feed **two** gallons of medicated syrup prepared as prepared above.

A five frame colony can be treated with $\frac{3}{4}$ gallons of syrup as prepared above.

Do's and Don'ts

- Do not mix the Fumagilin with the syrup if the syrup is hot. Room temp is best.
- Mix the Fumagilin solution and syrup very well.
- Once Fumagilin has been added to the syrup it should be fed to the bees right away so wait until you are ready to feed the syrup to the bees before adding the Fumagilin
- Do not feed the medication when honey supers are on the hive.
- The Fumagilin package enclosure recommends treating newly installed packages of bees.

SPRING TREATMENT

When treating a hive with Fumagilin in the spring of the year use one half of the syrup and medication than what is used in the fall.