



IOWA BEEKEEPING INFORMATION
Iowa Dept of Agriculture & Land Stewardship
Office of the State Apiarist
Iowa Laboratory Facility
2230 South Ankeny Blvd.
Ankeny, IA 50023

Terramycin Sugar Dusting Treatment for the PREVENTION of AFB (colonies showing NO AFB symptoms)

Terramycin (TM) Powder Mix – Note that Terramycin is available in two concentrations of active ingredient

Recommendation for PREVENTATIVE treatment

Early Spring: Three treatments (once weekly for three consecutive weeks) before supering

Fall: One treatment after the surplus honey has been removed

Mixing Directions:

TM 25

(generally found in a 6.4 oz. package containing 10g of active ingredient-oxytetracycline):

For 1 colony: Mix 1 level teaspoon of TM 25 with 5 level teaspoons of powdered SUGAR.

For 48 colonies: Mix 1 level cup or 1 package (6.4 oz.) of TM 25 with 5 level cups of powdered SUGAR.

Feed 2 level TABLESPOONS of this mixture to a colony.

TM 50:

For 96 colonies: Mix 1 level cup of TM 50 with 11 level cups of powdered SUGAR.

Feed 2 level TABLESPOONS of this mixture to a colony.

Terramycin Resistant AFB

Some colonies in Iowa have been discovered to be infected with American Foulbrood disease that is resistant to the active ingredient in Terramycin. This is suspected to be largely due to the continued usage of TM in colonies which had shown symptoms of AFB. Prophylactic use of TM is strongly discouraged.

Destruction of all bees and comb and disinfection of woodenware is the only remedy for Terramycin Resistant AFB in a colony.

If diseased condition is discovered after recommended treatment is given, then ALL frames and comb MUST be destroyed by fire and ALL remaining woodenware MUST be disinfected to eliminate the source of this particularly treatment resistant form of the disease.

If you have any questions about disease symptoms or how to treat for diseases please contact the State Apiarist's office.

(515) 725-1481

andrew.joseph@lowaAgriculture.gov