



REGISTERED MEDICATIONS & PESTICIDES FOR HONEY BEE HEALTH IN THE UNITED STATES

Please note that these controls and medications must be applied according to the labels, and in some cases, a Veterinary Feed Directive is required. If you are including ingredients or formulations that are not listed on the label, there's good reason why applying could be illegal and harmful to yourself and your bees.

American Foulbrood Controls:

Please note that many states require notifying the apiary inspector if AFB is suspected. Highly recommended to burn the hive(s) if showing heavy infections as antibiotics are not effective against spores and will only mask the symptoms.

- **Oxytetracycline.** Terramycin® and Tetra-Bee Mix® are product names and these products require a Veterinary Feed Directive or prescription
- **Tylosin.** Requires a Veterinary Feed Directive or prescription (note that this control is difficult to find)
- **Lincomycin.** Requires a Veterinary Feed Directive or prescription. (note that this control is difficult to find)

European Foulbrood Medications:

- **Oxytetracycline.** Terramycin® and Tetra-Bee Mix® are product names and these products require a Veterinary Feed Directive or prescription.

Nosema:

- **Fumidil-B®.** Does not require a Veterinary Feed Directive or prescription. (Note: just came back on the market in 2019).

Small Hive Beetles:

- **Checkmite+®** (coumaphos). Note: Checkmite+® may be difficult to find in stores. It does not require a Veterinary Feed Directive, but extreme caution should be used in applying this product due to concerns over increasing varroa mite resistance
- **GardStar®** (permethrin). Approved for use as a soil drench.

Tracheal Mites Treatment:

- **Mite-A-Thol®** (menthol). Does not require a Veterinary Feed Directive or prescription.

Varroa Mites Treatment:

The products that are approved for varroa mite control do not require a Veterinary Feed Directive, but they do require close reading of the labels for the appropriate season, temperature, and dosage.

- **Api Bioxil®** (oxalic acid dihydrate)
- **Apiguard®** (thymol)
- **ApiLife Var®** (thymol, menthol, and oil of eucalyptus)
- **Apistan®** (tau-fluvalinate)
- **Apivar®/Amiflex®** (amitraz) - This is a restricted use pesticide (RUP)
- **Checkmite®** (coumaphos)
- **EZ-OX® Oxalic Acid** (oxalic acid dihydrate)
- **Formic Pro®** (formic acid)
- **FOR-MITE®** (formic acid)
- **Hopguard® II**, (hops beta acids)
- **Mite-Away® Quick Strips**, (formic acid)
- **Sucrose Octanoate®** (sucrose octanoate)
- **Varroxsan®** ((oxalic acid dihydrate)

Wax Moth:

- **Para-Moth®** (paradichlorobenzene). Does not require a Veterinary Feed Directive.
- **B402 Certain®** (*Bacillus thuringiensis*). A biological larvicide.