



Apiculture Factsheet

Ministry of Agriculture
<http://www.al.gov.bc.ca/apiculture>

Factsheet #004

REGISTERED DRUGS AND CHEMICALS IN BEEKEEPING

Drugs and control products registered in Canada for use in live honeybee colonies and equipment:

<u>Material (Active Ingredient)</u>	<u>Trade Name</u>	<u>Formulation</u>	<u>Disease</u>
Amitraz	Apivar	impregnated plastic strip	Varroa
Fluvalinate	Apistan	impregnated plastic strip	Varroa
Formic acid	n.a.	60% v/v liquid	Varroa & Tracheal
Formic acid	MAQS	gel strips	Varroa & Tracheal
Formic acid	MiteGone	impregnated substrate	Varroa & Tracheal
Fumagillin	Fumadil-B	antibiotic powder	Nosema
Menthol (*)	n.a.	crystals	Tracheal
Oxalic Acid	n.a.	fumigant or liquid	Varroa
Oxytetracycline hydrochloride	Oxytet (<i>Terramycin</i>)	antibiotic powder	AFB, EFB
Thyme oil	Thymovar	impregnated wafer	Varroa
Tylosin	Tylan	antibiotic powder	AFB, EFB

(*) *Menthol is not a registered product under The Pest Control Products Act however it can be used as long as it is in accordance with Note to Capco C92-05: SCHEDULING OF MENTHOL FOR HONEY BEE TRACHEAL MITE CONTROL.*

Most of these products can be purchased at Beekeeping Supply outlets. Veterinarians, farm supply stores and pharmacies have dispensing licenses for antibiotics and often have medication in stock.

Note:

- As of December 01, 2018 **Oxytetracycline** and **Tylosin** are only available in Canada through veterinarian prescription. A veterinarian prescription is only available when American or European Foulbrood has been confirmed. For further information, please contact your local veterinarian or the Ministry of Agriculture. (*The antibiotic Fumagillin is solely used for the control of Nosema disease, and is exempt from veterinarian prescription and oversight.*)

Page 2
Drugs and Chemicals

- Chemicals and antibiotics should NOT be used prophylactically (i.e. as preventative application). Use only when disease has been detected in the hive or confirmed in other colonies of the apiary or in nearby apiaries.
- Apply antibiotic according to label instructions or veterinarian instruction.
- Store chemicals and drugs in a cool dry place away from light. Dispose used strips in garbage for landfill.
- Varroa mites have developed resistance to Apistan in some parts of B.C. To reduce the risk of resistance, alternate between different mite control products.
- Test colonies for mite levels first, BEFORE applying mite control chemicals. DO NOT use mite controls as a preventative measure. Check for mite drop AFTER treatment to confirm that the mite population has been brought under control.
- Always check label instructions for storage, safe handling, application and disposal.
- Tylosin is more persistent than Oxytet with higher risk of residues. ONLY use Tylosin in the fall (as indicated by label instruction).
- DO NOT apply non-registered pesticides, formulations and drugs because of the danger of honey and wax contamination. Non-registered products may be hazardous to you and others.

For additional information about drugs and chemicals, please visit the Ministry of Agriculture website www.al.gov.bc.ca/apiculture or contact the Apiculture office (604-556-3129).