

# Pesticide Label Bees Statements

# Sevin brand XLR Plus Carbaryl Insecticide (BAYER)

agricultural use

- A.I. - Carbaryl, class Carbamate
- ENVIRONMENTAL HAZARDS
- BEE CAUTION: This product is highly toxic to honeybees and other bees exposed to direct treatment or residues on crops or weeds in bloom. This product may show residual toxicity to honeybees, especially in humid climates and under slow drying conditions.
- Notifying beekeepers within 1 mile of treatment area at least 48 hours before product is applied will allow them to take additional steps to protect their bees. Limiting application to times when bees are least active, e.g., within 2 hours of sunrise or sunset, will minimize risk to bees.
- *For crops in bloom (except soybean and corn):* Do not apply this product to target crops or weeds in bloom.
- *For soybean and corn:* If application cannot be avoided when target crop or weeds are in bloom, limiting applications to times when bees are least active, e.g. within 2 hours of sunrise or sunset, will minimize risk to bees.

# Sevin SL Carbaryl Insecticide (LESCO)

INTENDED FOR AGRICULTURAL OR COMMERCIAL USE INCLUDES RESIDENTIAL  
TURF SPOT TREATMENTS

- A.I. - Carbaryl, class Carbamate
- ENVIRONMENTAL HAZARDS
- BEE CAUTION: MAY KILL HONEYBEES AND OTHER BEES IN SUBSTANTIAL NUMBERS.
- This product is highly toxic to bees exposed to direct treatment or residues on crops or weeds in bloom. For crops in bloom, do not apply this product to target crops or weeds in bloom. Notifying beekeepers within 1 mile of treatment area at least 48 hours before product is applied will allow them to take additional steps to protect their bees. Limiting application to times when bees are least active, e.g., within 2 hours of sunrise or sunset, will minimize risk to bees.

# Chlorpyrifos E\*Pro 4 Insecticide (ETIGRA)

For control of various pests in the following areas: Commercial Nursery/Commercial Greenhouse (Soil treatment, Dormant Spray of Tree Pests, Pre-Plant Incorporation of Field Grown Nursery Stock); Golf Course Turf, Turf and Ornamentals Around Industrial Buildings; Turf and Ornamentals in Road Medians.

- A.I. - Chlorpyrifos, class Organophosphate
- ENVIRONMENTAL HAZARDS
- This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

# Chlorpyrifos 4E-AG Insecticide (DREXEL)

For control of various Insects infesting certain Field, Fruit, Nut and Vegetable crops.

- A.I. - Chlorpyrifos, class Organophosphate
- ENVIRONMENTAL HAZARDS
- This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Protective information may be obtained from your cooperative agricultural extension service.

# Malathion 57% Organophosphate (CHEMINOVA)

- A.I. - Malathion, class Organophosphate
- ENVIRONMENTAL HAZARDS
- This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

# CrossCheck Plus Multi-Insecticide (LESCO)

To control pests indoors and outdoors on residential, institutional, public, Commercial, and industrial buildings, greenhouses, food handling establishments, and lawns, ornamentals, parks, recreational areas and athletic fields.

- A.I. – Bifenthrin, class synthetic pyrethroids
- Environmental Hazards
- This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow to drift to blooming crops if bees are visiting the treatment area.

# GRIZZLY™ Z Insecticide (WINFIELD SOLUTIONS)

- A.I. – Lambda-cyhalothrin, class synthetic pyrethroids
- ENVIRONMENTAL HAZARDS
- This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.



# PROVADO® 1.6 Flowable Insecticide (BAYER)

- A.I. - Imidacloprid, class - Neonicotinoid
- ENVIRONMENTAL HAZARDS
- This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

# PONCHO BETA Seed Treatment (BAYER)

- A.I. – Clothianidin, class - Neonicotinoid
- ENVIRONMENTAL HAZARDS
- No bee hazard statement on this label

# Trespass

When is it the responsibility of the apiarist to keep bees off the farmer's property?



# Pollinators

- Cooperation between beekeeper and farmer
  - Example of good communication
  - Still may not protect bees if labels don't restrict use to protect pollinators
  - Covering hive recommendations not effective or efficient



# Investigating a complaint

- Timely reporting and trusting state agencies
- Uncommon circumstances
  - Bees travel
  - Identifying the applicator
  - Collecting the evidence
  - Apiarist / state regulatory program relationships (apiary registration)
  - Defer honeybee characteristics to bee presentation later in day



# Seed Treatments

- Treated article





# PPDC Committee

## Pollinator Protection

- Education and Training
  - For apiarist and applicator
- Labeling
  - Effective, clear and enforceable
    - Timing of treatment
    - Plant stage
- Investigation procedures
  - Regional project
  - Collecting what is available
  - Difficult to define dynamics of the investigation
- Toxicity Classification
  - RT25
  - Extended Residual Toxicity

