

POULTRY FACILITIES APPLICATIONS - DARKLING BEETLES

General Information

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

NOTE: Not For Use in New York State or California

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the Agency responsible for pesticide regulation.

Apply only when wind speed is 10 mph or less at the application site.

Limitations, Restrictions, and Exceptions

POULTRY FACILITIES APPLICATIONS

For control of hide beetles and darkling beetles in poultry facilities and within 25 feet of the perimeter of the poultry structure.

- Broadcast or banded treatment
- One application kills darkling beetles and hide beetles
- Stops the damage that darkling beetles cause
- Rotate with pyrethroid products labeled for this use to manage resistance

Application:

Use Sharda Imidacloprid 70 WDG as a general surface, spot, or crack and crevice treatment to walls, floors, and support beams of poultry facilities.

Do not apply when birds are present Apply between flocks, following de-caking/sanitation procedures. Remove or cover exposed feed and water in the area

to be treated. Allow treated surfaces to dry before restocking/reintroducing birds into the facility.

Mixing and Application:

Determine the area (number of square feet) to be treated. Refer to the Mixing Table at the label for amount of Sharda Imidacloprid 70 WDG to use. Mix the required amount of product with the appropriate amount of water and apply as a spray. Fill the sprayer tank with 1/2 of the required amount of water for the treatment. Begin agitation and add the required amount of Sharda Imidacloprid 70 WDG to the spray tank. Continue mixing and add the remaining amount of water. Maintain sufficient agitation during product application to ensure a uniform spray. Prepare fresh spray mixture before each treatment.

How to Apply

Band Application: When darkling beetles are concentrated in certain areas, such as under feed or water lines or along the perimeter walls, it may not be necessary to treat the entire poultry house. For these situations, certain portions of the house, or "bands," may be treated. For example: Apply diluted Sharda Imidacloprid 70 WDG to a 3-foot wide band of litter under all of the feed and/or water lines in the house; a 3-foot wide band of litter adjacent to the side and end walls and the lower section of the walls, including 1 foot up onto the wood surfaces above the foundation. Be sure to measure the actual area (square feet) to be treated in order to determine the amount of Sharda Imidacloprid 70 WDG needed for the application.

Whole House Application: When darkling beetle infestation is severe, the entire house may need to be treated. Apply diluted Sharda Imidacloprid 70 WDG as a broadcast spray to the litter covering the entire floor area, especially to litter under feed and water lines, as well as to the lower sections of walls, including 1 foot up onto wood surfaces above the foundation.

In houses with support beams, treat the litter surface around each support post and 1 foot up each post. Also apply diluted spray to cracks and crevices around wall insulation, where beetles have been seen or can find shelter.

Resistance Management

Darkling beetles, like all insects, have the ability to develop resistance to

insecticides. When a single chemical class is used continuously, this increases the chances that resistance to that chemical class will develop. Sharda Imidacloprid 70 WDG contains the active ingredient imidacloprid, which belongs to the class of chloronicotinyl insecticides. Sharda Imidacloprid 70 WDG should be used in an insecticide rotation program with other classes of insecticides including pyrethroids, organophosphates, and spinosyns, in order to prevent resistance and preserve the product's effectiveness for darkling beetle control.

- Read and follow ALL label directions when using this product or any other insecticide.
- Do not use this product or any other insecticide product at lower than the specified label rates. Using products at less than the labeled rates exposes the pests to a sub-lethal dose and increases the likelihood of resistance.
- Use Integrated Pest Management (IPM) strategies in addition to insecticide treatments to manage darkling beetle populations.

Contact your local Sharda USA LLC representative or your local Cooperative Extension Service for advice concerning the use of Sharda Imidacloprid 70 WDG and appropriate resistance management strategies.

NOTE: When exclusion of pests at possible entry points is desired, supplement Sharda Imidacloprid 70 WDG treatments with targeted applications of pyrethroid insecticides to the building perimeter, foundation, doors and windows, utility entry points, and other places where pests may enter the structure. Read and follow all label directions for use of these other products.

Method

[Spray](#)

[Broadcast Treatment](#)

[Banded treatment](#)

Rates

[field rates 0](#)

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Timings

[N.A.](#)