

DARLEX®

Insecticide

Darlex® Insecticide is the first darkling beetle product formulated for the poultry industry that contains Clothianidin — a second-generation neonicotinoid proven to provide lasting control of darkling and hide beetles.

- Controls both larvae and adult darkling beetles
- For use in and along the outside perimeter of poultry houses
- For broadcast and band applications
- Specially formulated for the poultry industry
- Easy to mix and spray
- Contains Clothianidin, a second-generation neonicotinoid



Product Specifications

| | |
|---------------------------------------|--|
| Signal Word | Caution |
| Packaging | Gallons (4 per case) |
| EPA Registration Number | 1021-2771 |
| Stability of Undiluted Product | Shake well before using |
| Stability of Diluted Product | Maintain sufficient agitation during application |
| Appearance | White, free-flowing viscous liquid |
| Odor | Faint characteristic odor |
| Active Ingredients | Clothianidin |
| Flammability | OSHA — non-combustible liquid |
| Mode of Action | Nicotinic acetylcholine receptor agonist |
| Class of Chemistry | Neonicotinoid |
| Respirator Required | Recommended if not in well-ventilated space |
| Mix or Dilute in | Water |
| Activity | Residual |
| Shelf Life | 3 years or more if stored at room temperature |

Use Areas

Indoor Poultry Housing Use:

- Broiler
- Turkey
- Caged Egg Layer
- Breeder

Exterior Poultry Housing Use:

- Perimeter
- Foundation
- Doors
- Vents
- Eaves
- Utility Penetrations

METHOD OF APPLICATION

- Broadcast Treatment
- Banded Treatment
- Crack and Crevice Treatment
- Spot Treatment
- Void Treatment
- Drench Treatment

Best Practices when using Darlex® Insecticide

Mixing Instructions

To prepare the diluted spray, fill the sprayer tank with half the total water to be used, add the required amount of Darlex Insecticide, then add the remaining water while mixing. Prepare a fresh mixture before each treatment.

Coverage Area

4 fluid ounces of Darlex Insecticide per 1,000 sq. ft.

Agitation

Maintain sufficient agitation throughout the application to ensure a uniform spray.

When to Apply

Apply after de-caking, clean-out and sanitation procedures are complete, but prior to new flock placement.

Where to Apply

Whole house treatment or banded applications 3–5 feet wide under all water and feed lines, along inside perimeter and footings, and 1–2 feet up wall support beams/posts. It's important to accurately measure all surface area to be treated.

Integrated Pest Management

Darkling beetles can develop resistance to insecticides. Darlex Insecticide contains clothianidin, a neonicotinoid, which should be used in a rotational program with other classes of insecticides, such as pyrethroids, organophosphates or spinosyns, to prevent resistance. Consider adding an insect growth regulator like NyGuard® IGR to break the darkling beetle reproduction cycle.

Disinfectant Treatments

Adding disinfectants to insecticide tank mixes may affect insecticidal activity.

Key Insects Controlled

Darkling Beetles
Hide Beetles
Crickets
Nuisance Ants

Always read and follow label and MSDS directions.

To learn more, visit www.mgk.com, call 1-800-645-6466 or send an e-mail to brands@mgk.com.

DARLEX®
Insecticide

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 **MGK®**

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