

# WEAPONS UPGRADE.

Introducing Credo™ SC Insecticide  
from Bayer Animal Health:  
a new addition to your darkling beetle arsenal.

**Credo™ SC**  
Insecticide



## A NEW WEAPON AGAINST DARKLING BEETLES

When darkling beetles attack your poultry houses, they're attacking your bottom line. Upgrade your weapons with new Credo™ SC Insecticide. Specifically formulated for the poultry industry, Credo SC Insecticide controls both adult and larval darkling beetles. And when used in rotation with Tempo® products, you can be sure darkling beetles won't be stealing your profits.



## DARKLING BEETLES CAN WREAK HAVOC ON YOUR POULTRY FACILITY

### Darkling Beetles Biology:

Without effective control, darkling beetle reproduction and survival in broiler houses is unlimited.

- Live up to 12 months
- Lay up to 2,000 eggs per year
- Are active 24 hours a day and have no significant natural enemies



### The Damage Darkling Beetles Can Inflict Is Severe:

- Destroy insulation and structural wood, increasing energy costs and cost of repairs
- Consume poultry feed, increasing feed costs
- Host cecal worms, tapeworms and several poultry disease organisms, decreasing efficiency and threatening the health of birds

### Disease Organisms and Parasites That Can Be Carried by Darkling Beetles:

#### Bacteria

- *Salmonella* spp.
- *Campylobacter* spp.
- *Escherichia coli*

#### Viruses

- Infectious bursal disease
- Fowl poxvirus
- Newcastle disease virus

#### Protozoans

- *Eimeria* spp.

#### Tapeworms

#### Cecal worms

### Don't Let Darkling Beetles Grow Stronger

Some poultry industry practices have actually worsened the darkling beetle problem:

- Less frequent cleanouts provide deeper litter for more beetle habitat.
- Low light intensity increases darkling beetle reproduction.
- Poor timing of insecticide applications.



## CREDO™ SC INSECTICIDE PROTECTS YOUR PROFITS

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Insecticide applications that don't follow label directions also weaken insecticide performance.

- Underdosing: Using less than the full label rate results in poor performance and may increase the risk of resistance development.
- Tank mixing: Tank mixing insecticides with disinfectants can decrease insecticide activity.
- High or low water volume: High water volumes can dilute insecticide concentration and activity, while lower water volumes result in more highly concentrated insecticide placement.
- Not rotating insecticides: Relying on a single chemical or chemical class can lead to resistance development.

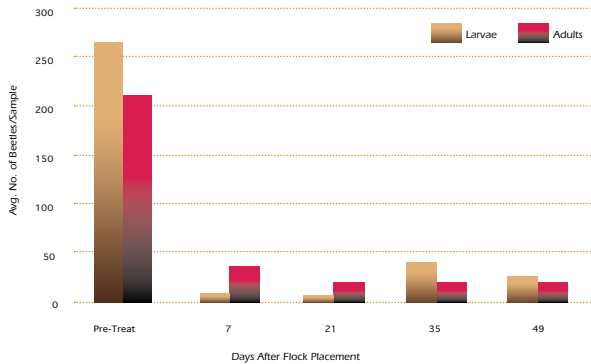
New Credo™ SC Insecticide gives you a new weapon in the fight against darkling beetles. Credo SC Insecticide contains imidacloprid, the active ingredient proven to provide dependable insect control with no known resistance seen in darkling beetles.

- Controls both adult and larval darkling beetles.
- New chemistry to darkling beetles, with no known resistance.
- Specifically formulated for the poultry industry.
- Has excellent residual activity for control that lasts through the growout.\*
- Effective single-dose application.
- Labeled for banded and broadcast application.
- One bottle treats a 20,000 sq ft poultry house by using band application.

\*Data on file.



## Proven Control\*



Field trials show that 49 days after treatment with Credo™ SC Insecticide, the number of both larvae and adult darkling beetles remained well below pretreatment levels.  
\*Data on file.

## The Proven Performance of Imidacloprid

Credo™ SC Insecticide contains imidacloprid (42.8%), the active ingredient proven to provide dependable insect control with no known resistance seen in darkling beetles. Imidacloprid disrupts the nervous system of an insect pest, resulting in paralysis and death. Credo SC Insecticide was specifically formulated for the poultry industry and is ideal for use in rotation with Tempo® products to manage resistance development.

## Achieve Ultimate Stopping Power

There is mounting evidence that darkling beetles are becoming resistant to certain insecticides. Taking steps such as using the proper rate and following label application instructions will help manage resistance. And rotating new Credo SC Insecticide with Tempo® insecticide every 3–5 flocks will deliver the lasting control of darkling beetles you need while helping manage resistance.

### How to apply:

Use 3 fl oz of Credo SC in 1/2–2 gal of water per 1,000 sq ft.

Always read and follow label directions.

### Upgrade to Credo SC Insecticide

Darkling beetles are profit thieves, and insecticide resistance is making them stronger. New Credo SC Insecticide stops them cold. Used in rotation with Tempo products, it will put them down and keep them down.

Talk to your Bayer Sales Representative for more information.





**Credo™ SC**  
**Insecticide**



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