

# Research Confirms Kills and Controls Darkling Beetles



**Adult Darkling Beetle**  
*Alphitobius diaperinus*

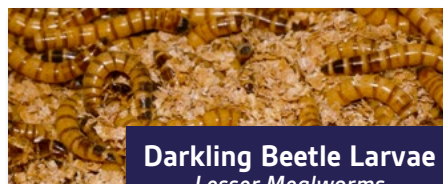
Darkling Beetles can pose a formidable threat to poultry operations. Understanding and managing these insects is crucial for safeguarding poultry, facilities, and economic interests. To help combat the costly problems with darkling beetles, Arkion® Life Sciences is excited to announce the all-new, all-natural **Beetle Spray Plus for Poultry** which offers a unique, patent-pending formulation that helps keep control of darkling beetles in poultry facilities.

## Beetle Spray Plus Kills and Controls Darkling Beetles

**Beetle Spray Plus** is formulated with a proprietary blend of naturally occurring essential oils and inert ingredients with proven performance when combating darkling beetles in poultry facilities.

In a recent study by the **University of Delaware**, poultry litter treated with **Beetle Spray Plus** showed nearly 100% mortality of darkling beetle adults and larvae when in contact with the treated litter.

Plus, Arkion Beetle Spray Plus provides



**Darkling Beetle Larvae**  
*Lesser Mealworms*

outstanding performance and has a cost-per-treatment that is competitive with other natural and synthetic darkling beetle control products.

## Decreased Chick Mortality

# PLUS

A study by the Southern Poultry Research Group, evaluating Beetle Spray Plus on young broiler chickens, resulted in "improved livability" in the pens treated with Beetle Spray Plus.

## Increased Chick Feed Intake

This same study by the Southern Poultry Research Group, evaluating the Beetle Spray Plus on young broiler chickens, resulted in "a significant increase in feed intake in the Beetle Spray Plus treated pens."

## OMRI Listed for Organic Production

Beetle Spray Plus has been evaluated and approved by the Organic Materials Review Institute for use in organic poultry operations.



## Key Benefits of Beetle Spray Plus:

- Environmentally responsible when used as directed
- Natural formulation
- Powerful and cost-efficient
- OMRI listed for organic production
- Minimum Risk 25(b) compliant

When combined with integrated pest management (IPM) strategies, **Arkion Beetle Spray Plus for Poultry** can help significantly reduce beetle populations.

Plus, Arkion Life Sciences offers expert guidance and support regarding the application, optimal use, and integration of for poultry to ensure effective control for the darkling beetles.

Scan for more:



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