



FIND FAST. KILL QUICK.



DIRECTIONS FOR USE

Agita 10 WG should be applied only in locations not accessible to children, pets, domestic animals or wildlife. Product should be protected from direct sunlight, water and rainfall. Do not apply Agita 10 WG where animals can lick the product. Do not apply directly to livestock or livestock feed.

For spray application, Agita 10 WG should not be applied to dirty, highly porous, newly whitewashed walls, metal or glass surfaces. Always wear protective eyewear, chemical-resistant gloves and full-coverage shirt and pants during application.

FROM THE EXPERTS YOU KNOW

Agita 10 WG is part of a complete line of proven solutions from Elanco, a company dedicated to maximizing animal health and performance.

Find out more about our full line of bio-protection products at www.Elanco.us/Agita

Residual has shown to be effective from 4 to 8 weeks, with an average residual of 6 weeks^{3*}

*Application effectiveness varies by climate.

The label contains complete use information, including cautions and warnings. Always read, understand and follow the label and use directions. Animals cannot be present at time of premise treatment.

¹Grogan K, J Arends. "Darkling beetles and their economic impact." Poultry Times, August 25, 2008.
²Elanco Animal Health. Data on file.
³Campbell, J.B., S.R. Skoda, D.R. Berkebile, G.D. Thomas. 2001. "Research on stable flies and house flies at Nebraska." Agriculture Research Division Institute of Agriculture and Natural Resources University of Nebraska-Lincoln. Res Bull 341.
⁴Elanco Animal Health. Data on file.
⁵NCSU IPM Newsletter, http://imp.ncsu.edu/AG369/notes/lesser_mealworm.html.
⁶Grogan K. "Beetles and houseflies play role in disease transmission." Poultry Times. August 25, 2008.
⁷Greenberg, B. (1965). "Flies and disease." Scientific American 213 (1): 92-9.

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Reducing pests reduces their impact on animal well-being and performance potential.^{1,2,3} More than just a nuisance, darkling beetles and house flies can have a substantial impact on birds — and bottom lines. With its unique, potent active ingredient, Agita® 10 WG delivers a quick kill and long-lasting residual.⁴

DARKLING BEETLES AND
HOUSE FLIES CANT HIDE



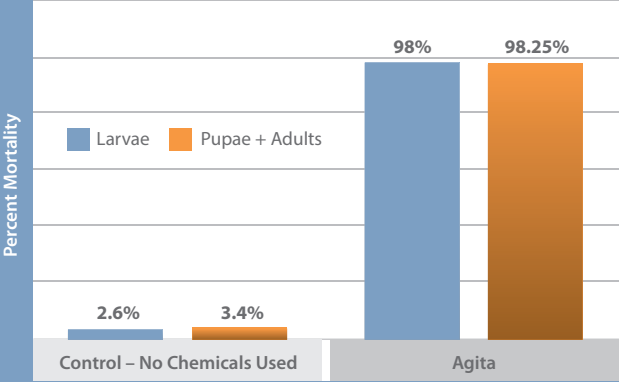
Agita® 10 WG Insecticide is a First Choice for
HOUSE FLY AND DARKLING BEETLE CONTROL

The Cost of Darkling Beetles and House Flies

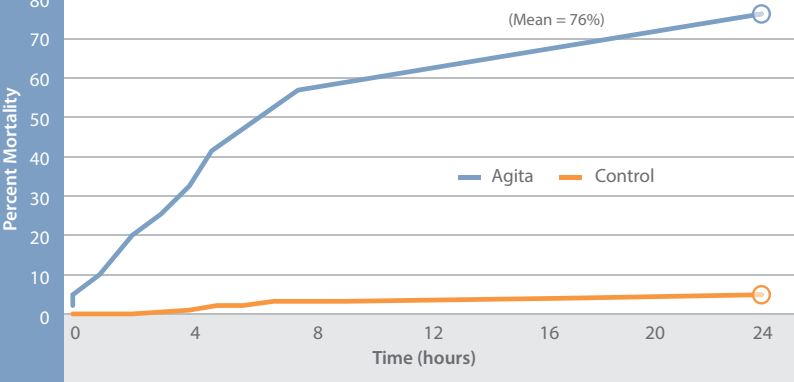
Darkling beetles impact everything from feed conversion to carcass quality to animal well-being to the very structure of a poultry house. Studies have shown up to a four-point feed conversion loss in poults when beetles are consumed early in life.¹ Additionally, carcass quality in adult birds is impacted by beetles due to biting larvae causing sores and scabs. Structural damage from infested insulation, damage to vapor barriers, sill sealers and spray foam, as well as litter degradation are all economically impactful.⁵

While the economic impact of house flies is more difficult to determine, they do affect productivity due to animal distress and increased treatment costs.⁵ As such, flies and beetles are a nuisance for birds and humans alike.

Agita 10 WG Efficacy on Darkling Beetles²



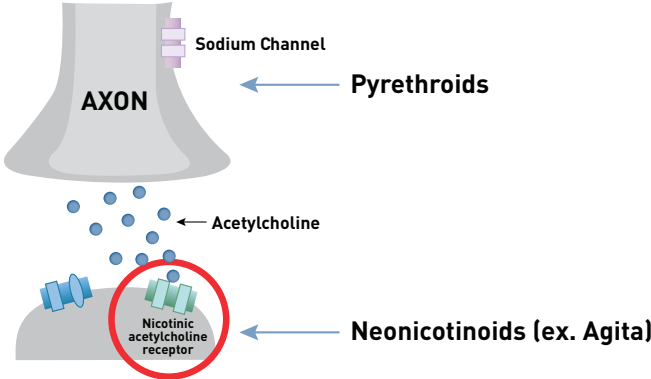
Agita 10 WG Efficacy on House Flies in Five-Trial Summary Study⁴



Mode of Action and Kill

Agita 10 WG features a combination of contact and stomach modes of action to ensure a lethal dose of the active ingredient is consumed.⁴ Agita 10 WG’s active ingredient works differently at a target site within the insect’s nervous system. This unique mode of action allows Agita 10 WG to provide another option in the fight against pests. Research has shown that rotating classes and active ingredients as part of an integrated pest management program helps to minimize risk of resistance.

Always follow label directions to maximize product effectiveness.



Dual attractants in the Agita 10 WG formulation draw both male and female house flies – providing a significant knockdown.⁴

Beetle Impacts

- **Well-being** – excessive litter beetles move under birds and cause them to sit and stand constantly
- **Carcass quality** – larvae bite birds, leaving sores and scabs
- **Feed conversion** – increased weight shown with good beetle control¹
- **Disease vectors** – host numerous pathogens⁶
- **Structural degradation** – vapor barriers, sill sealers, spray foam and insulation are damaged⁵

Fly Impacts

- **Distress** – agitate animals³
- **Increase treatment costs** – due to transmission of disease³
- **Disease vectors** – can harbor more than 100 different pathogen species⁷

www.Elanco.us/Agita



Mixing and Applying Agita 10 WG

Agita 10 WG is a dust-free, water-soluble granular formulation for the control of darkling beetles and house flies in and around the outside perimeter of animal housing. It should be utilized as a spot-spray application using a standard liquid spray applicator. To achieve the proper consistency of a sprayable suspension, thoroughly mix the appropriate amount of Agita 10 WG with the corresponding volume of lukewarm water. Re-agitate mixture if spraying is interrupted for longer than 30 minutes.

Agita 10 WG Directions

	Agita 10 WG	Lukewarm water	Product coverage	Application rate
Darkling Beetles	1 KG Container	~ 4.5 gallons	~ 280 feeders	2 fluid ounces / square foot / approximately 1.5 inches of bedding depth (directly below feeder)
House Flies	1 KG Container	2 gallons	~ 4,500 – 6,500 square feet of surface area	Spray intended surface area inside and outside of house where flies prefer

Always read, understand and follow complete label and use directions.



AGITA® 10 WG

REDUCE DISEASE TRANSFER¹

DUAL MODES OF ACTION

MANAGE RESISTANCE⁴

Vectors of Disease

Both darkling beetles and house flies are known vectors for disease pathogens.⁶ Transmission of pathogenic diseases such as *Salmonella*, *E. coli*, Newcastle, infectious bronchitis and Marek’s disease have all been found in beetles. One research study showed that *Salmonella* persisted through pupation and is transmitted through infected beetles.⁶ Reducing foodborne pathogen levels through effective pest control reduces subsequent food-chain loads. Agita 10 WG effectively reduces pest numbers in poultry houses.⁴