



SWINE OPERATIONS      CONFINED POULTRY HOUSING

# THAT FITS



Controlling nuisance insects can be difficult without the right products and integrated pest management processes. Thorough sanitation as well as exclusion and monitoring are necessary to hold down fly populations and other insects around livestock. Integrated Pest Management that includes traps, adulticides and larvicides from Starbar will help your operation achieve a total insect control solution.

**CENTRAL Life Sciences**

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CATTLE

# FLY CONTROL



# ZERO IN TO CONTROL FLIES

POULTRY • SWINE • CATTLE

Cattle, swine and poultry operations all attract unwanted flies and other pests. The irritation and disease they cause livestock can cost you money. Starbar has a solid lineup of products to help you zero in and get your insect problems in line. Help your operation to be insect free and more profitable with pest control from Starbar.

HELP CONTROL FLIES THAT MAY SPREAD DISEASE

For more information contact your dealer or call

## POULTRY



Layered poultry operations experience year round fly problems because of the enclosed environments and the great amount of waste material that is produced. Fly populations must be managed to avoid health concerns such as Salmonella enteritidis (S.e.). Flies can also be a general nuisance to the operation and neighboring community.

## MONITORING



Fly traps can be used to measure and document the progress of fly management programs, as well as help keep fly populations under control. Starbar® jug traps and their attractant and Starbar® insecticide-free sticky traps can be used anywhere in a poultry operation.

## ROTATION

QuikStrike® Fly Bait and Golden Malrin® Fly Bait can be used around the outside of poultry operations and rotated to help prevent fly resistance. QuikStrike® Fly Abatement Strips can be used to fight flies in inside areas where scatter baits can't be used.



## LOSS PREVENTION

If chicks die from fire ant bites in a poultry operation, the results can be devastating. Extinguish® Plus fire ant bait combines two active ingredients to control fire ant infestations. Help protect against poultry loss by fighting fire ants with Extinguish® Plus fire ant bait.



## SWINE



In addition to nuisance flies, mosquitoes that breed in the standing water around a swine operation can cause irritating bites that can lead to loss of profitability. Swine that are allergic to the bites experience swelling that damages hides and negatively affects production. Fighting mosquitoes with an integrated program that includes a mosquito larvicide can be highly effective.

## HIDE VALUE LOSS

Diluted and used as a spray, Prolate/Lintox-HD™ Insecticidal Spray & Backrubber for Livestock provides effective treatment of lice or sarcoptic mange infestations on swine. Stop mosquitoes before they start with Altosid® XR Extended Residual Briquets larvicide. Drop them in standing water around your swine operation for up to 150 days of control.



## ECONOMICAL CONTROL

Using sticky traps and jug traps from Starbar is a cost-effective, low-maintenance method to help monitor and control fly populations in all areas of a swine operation.



## CONSISTENT CONTROL

QuikStrike® Fly Bait and Golden Malrin® Fly Bait can help kill flies around garbage facilities, manure piles, storage sheds and areas away from where swine feed. A single QuikStrike® Fly Abatement Strip can kill flies for up to 8 weeks and can be placed in multiple areas throughout a swine operation.



## CATTLE



Nuisance flies around a cattle operation can spread disease and add stress that can influence weight gain, alter output and affect profitability. In an integrated approach, the use of multiple tools can strengthen control and aid in monitoring and documentation.

## QUICK KNOCKDOWN

QuikStrike® Fly Bait and Golden Malrin® Fly Bait draw flies in and start killing them immediately after ingestion. QuikStrike® Fly Abatement Strips have a triple-action attractant and curved design that lures flies and kills them within seconds.



## PERIMETER CONTROL

Fly traps are great for areas close to residences and offices on a cattle operation. Jug traps and their attractants are durable enough for outside use, and sticky traps can be used in closed areas sensitive to strong smelling attractants.



## BITING INSECT CONTROL

Prolate/Lintox-HD™ Insecticidal Spray & Backrubber for Livestock provides effective treatment of horn flies on non-lactating cattle. Bite Free™ Stable Fly Trap is a weatherproof sticky trap that effectively traps stable flies. Help take the stinging bite of fire ants out of cattle pastures with Extinguish® Plus fire ant bait.

