

A MORE CONVENIENT WAY TO ACHIEVE CONSISTENT, CONTINUOUS FLY CONTROL

The importance of fly control has been demonstrated over and over. However, many fly control methods and products only provide temporary relief and require frequent reapplication. **ClariFly® Larvicide is labeled for swine**, to be added to feed as part of an IPM program to control manure-breeding flies.



NUISANCE FLIES: MORE THAN IRRITATING

Uncontrolled fly populations can have a negative effect on the profitability of a swine operation.



Disease
vectors, painful
and annoying



Physical/emotional
stress creates
off-feed events



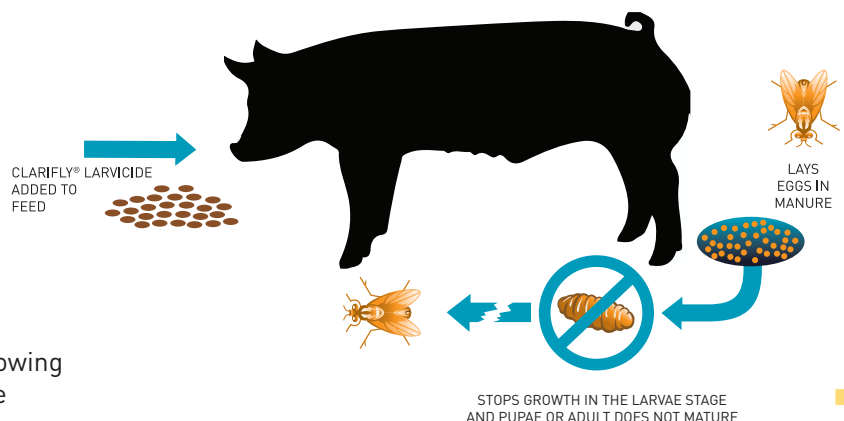
Impacts neighbors,
generating
complaints



Unhealthy,
unpleasant working
environment

INTERRUPTING THE FLY LIFE CYCLE

- 1 Feed containing ClariFly® Larvicide is ingested and dispersed in manure.
- 2 Female flies lay eggs in manure or other organic waste.
- 3 Eggs hatch into larvae and attempt to undergo three larval instars. ClariFly® Larvicide breaks the life cycle of flies developing in treated manure by not allowing the larvae to successfully molt from one instar to the next.





CLARIFLY® LARVICIDE — EASY, COST-EFFECTIVE

ClariFly® Larvicide is a feed supplement that prevents stable flies and house flies from developing into adults. It works as a feed-through, passing through the animal's digestive system and into the manure where many species of flies breed. The active ingredient, diflubenzuron, prevents larvae from maturing into adult flies. Unlike neurotoxin-based insecticides, diflubenzuron is an insect growth regulator, with a proven efficacy record. In fact, it may be the easiest, most cost-effective step you can take to control nuisance flies and reinforce the health of your livestock.



IMPROVE PERFORMANCE BY KEEPING SWINE ON FEED

When stable fly populations exceed the economic threshold, you can see a dramatic reduction in performance. ClariFly® Larvicide will not directly affect swine health or production, but it will take care of the nuisance flies that do. Studies have shown that reduced fly populations can improve feed efficiencies. When swine are less agitated, they stay on feed and are more productive.



SMALL INVESTMENT, BIG ECONOMIC IMPACT

ClariFly® Larvicide helps lower trim loss from insect damage caused by biting flies:

- Biting flies and mosquitoes cause hide damage that leads to trim loss
- May - September, 2005 Minnesota slaughter plants averaged \$7.50 to \$15.00 trim loss*
- 2015 survey of three Midwest packers 9-13 pounds average trim loss = \$6.20 - \$9.10 per animal**



MAKE CLARIFLY® LARVICIDE PART OF INTEGRATED PEST MANAGEMENT (IPM)

All swine need to consume ClariFly® Larvicide every day:

- Swine 12-90 pounds, 0.3 mg DFB/kg of BW
- Swine over 90 pounds, 0.2 mg DFB/kg of BW
- Daily consumption may vary by animal without affecting fly control
- ClariFly® Larvicide may be fed up to slaughter

Fly management programs for swine operations need to be proactive. ClariFly® Larvicide is most effective as part of an IPM program. Practicing good sanitation, maintaining building repairs and utilizing baits, traps, sprays and foggers such as those in the Starbar® line of products, in conjunction with ClariFly® Larvicide, can significantly impact fly control. Start ClariFly® Larvicide in your feed early in the spring before flies begin to appear. Continue it through the summer and into the fall, until cold weather reduces or ends fly activity.

To add ClariFly® Larvicide to your feed mix, contact your micro ingredient supplier or local feed dealer. For more information or help starting an IPM program, call 1.800.347.8272 or visit CentralFlyControl.com.



* Journal of Swine Health and Production, March and April 2006

**Data on file

Always read and follow label directions. ClariFly, ClariFly Larvicide with design and Starbar are registered trademarks of Wellmark International. ©2016-2017 Wellmark International.