



Merrick's **TECH BULLETIN**



Frequently Asked Questions

Are there problems if I add ClariFly to both milk replacer and starter feed?

No. As a matter of fact, providing ClariFly[®] in both milk replacer and starter feed is ideal. In most situations, the amount of ClariFly[®] a calf consumes in milk replacer remains constant. As the calf grows, it needs the additional ClariFly[®] from starter in order to maintain adequate fly protection.

Can I use the ClariFly Add-Pack in my starter feeds?

No. The ClariFly[®] Add-Pack is registered with the EPA for inclusion in whole milk or reconstituted milk replacers. It is a violation of federal law to use the product in a manner inconsistent with labeling. Specific ClariFly[®] premixes are manufactured for addition to dry feeds.

When feeding Clarifly to calves, do I need to worry about toxicity to people or other farm animals?

No. ClariFly[®] does not work through toxicity, it is a chitin inhibitor. When a fly larva consumes ClariFly[®] it prevents the formation of chitin, a major component of the fly's exoskeleton. As a result, the larva never becomes an adult. ClariFly[®] has a very specific affect which does not affect people and other farm animals.

Flies are a seasonal problem, so when should I add ClariFly to milk replacer?

For optimum fly protection, ClariFly[®] should be added to feeds beginning one month before the onset of the fly season and should continue for one month after the first frost. This will vary depending on your geographical region. *See Merrick's tech bulletin, "Fly Season," for seasonal information about your region.* When ordering milk replacer with ClariFly[®], place your order at least one month before the product is needed on-farm to allow time for manufacturing and distribution to the farm.

If I can add the ClariFly Add-Pack to both medicated and nonmedicated milk replacers by hand, why can I only order medicated milk replacers with ClariFly?

The ClariFly[®] Add-Pack is registered with the EPA and is classified as a pesticide that can be added to all milk replacers and whole milk on the farm. The ClariFly[®] used in milk replacer manufacturing has not been registered with the EPA. However, when ClariFly[®] is added to a medicated milk replacer during manufacturing it is considered a feed additive, not a pesticide. In this case, the medicated milk replacer is regulated by the FDA according to the drug it contains, not the ClariFly[®]. Nonmedicated milk replacers are a different situation.

Will ClariFly take care of my fly problems?

Not by itself. ClariFly[®] works against flies that lay their eggs in manure, but does not protect against flies that lay their eggs in moist organic matter such as spilled silage or piles of decaying feed or other organic matter. Effective fly control requires regular cleanup and removal of possible breeding sites. Eliminate fly habitat by mowing at least 30-50 feet around calf housing and clean up cluttered areas where flies can rest.

Can I use ClariFly along with other fly control products?

Yes. ClariFly[®] works well with adulticide products such as baits, traps and sprays which temporarily knock down adult fly populations. ClariFly[®] does not interfere with the activity of other larvae control methods such as parasitic wasps, which lay their eggs in fly pupae. ClariFly[®]-treated manure prevents fly larvae from becoming pupae, so parasitic wasps will be looking elsewhere for fly pupae.

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