

Directions for use

Apply a VetCap to the upper two-thirds side of the animal's body, anywhere between the front shoulders and 6 inches from the base of the tail.

How often and how much

AiM-L VetCaps can be used on beef cattle of all ages, provided they are greater than 600 pounds. Research studies showed that the AiM-L Vet Cap treatment provided very effective fly control for 10 weeks after two (separate) applications on cattle, or once every five weeks. This included several downpours of rain. Results may vary depending on local conditions and weather. Treatment for flies can be repeated as needed, but not more than once every two weeks, and do not apply more often than four times within any six-month period. AiM-L VetCaps do not control cattle grubs.

Storage and disposal

Store in a cool, dry place and in such a manner as to prevent cross-contamination with other pesticides, fertilizers, food and feed. Store in original container and out of reach of children, preferably in a locked storage area.

READ ALL LABELS AND INSERTS FOR FULL INSTRUCTIONS AND PRECAUTIONS BEFORE USING PRODUCTS. Contact your local animal-health supplier for more information or call AgriLabs at 800-542-8916.

For dealer locations, pricing or more information visit AgriLabs.com/VetGun or SmartVet.com; call AgriLabs at 800-542-8916 or contact your local animal-health supplier.

More than just horn flies

SmartVet is a biopharmaceutical company specializing in developing novel formulations optimized for topical and transdermal delivery for free ranging livestock. The VetGun™ delivery system optimizes both the delivery process and the timing of treatment. A variety of further VetCap products are currently in development for future use with the VetGun Delivery System.



**NO
CONFINING
NO
HANDLING
NO
STRESS**



- No chute or facilities required
- Apply insecticide from a safe distance
- Lower stress for you and your cattle
- Time application for maximum control
- Saves labor, time and money



An Innovative Insecticide Delivery System

A Revolutionary New Delivery System

Horn flies — can affect weight gain

The leading cause of economic loss in the cattle industry is parasites, particularly horn flies. Horn flies can interrupt cattle from grazing and cause a loss of as much as one pint of blood per day, which can result in 30 percent less weight gain in just 80 days. Overall, horn flies can result in reduced grazing time, milk production and calf weaning weights.



The solution: effective control where and when you need it

VetGun™, the first-of-its-kind delivery system, provides precise dosing remotely in the field with a simple pull of a trigger. You can apply a proven topical insecticide for effective control of horn flies from a safe distance of 15 to 30 feet, with no confining, no handling and no stress.

The challenge

Most traditional horn fly treatments require rounding up the cattle and running them through a chute. That's why some cattle raisers prefer to handle cattle as little as possible, which means some cattle aren't treated at the best time, or don't get treated at all.

How it works

The VetGun is powered by a precision-engineered, CO₂-system to deliver a gelatin capsule known as a VetCap. Each brightly colored VetCap contains a precise dosage of Lambda cyhalothrin EPA-approved insecticide specially designed to fragment on impact. It then goes to work, migrating across skin. The fragments also help mark and identify treated cattle.



Unparalleled convenience

VetGun is so quick and easy to use that you can shoot it while on-foot, on horseback or from the comfort of your ATV or vehicle. Using established and recommended best practice methods, cattle become accustomed to the muffled sound with minimal startling, and you can treat up to 100 cattle in as little as one hour.

AiM-L VetCaps: Proven Efficacy

The AiM-L VetCaps contain Lambda cyhalothrin, providing results in minutes with long-lasting control against horn flies. The studies summaries below highlight:

- Efficacy of the mode of application of a single treatment across the hide
- AiM-L VetCaps show efficacy when compared to a hand-applied pour-on
- AiM-L VetCaps provide effective duration with a single treatment and up to 10 weeks with a second treatment



PROVEN EFFICACY

1. Effective Method of Application

June 2009: In published literature, researchers from the USDA's Agricultural Research Service and Bayer Animal Health wrote:

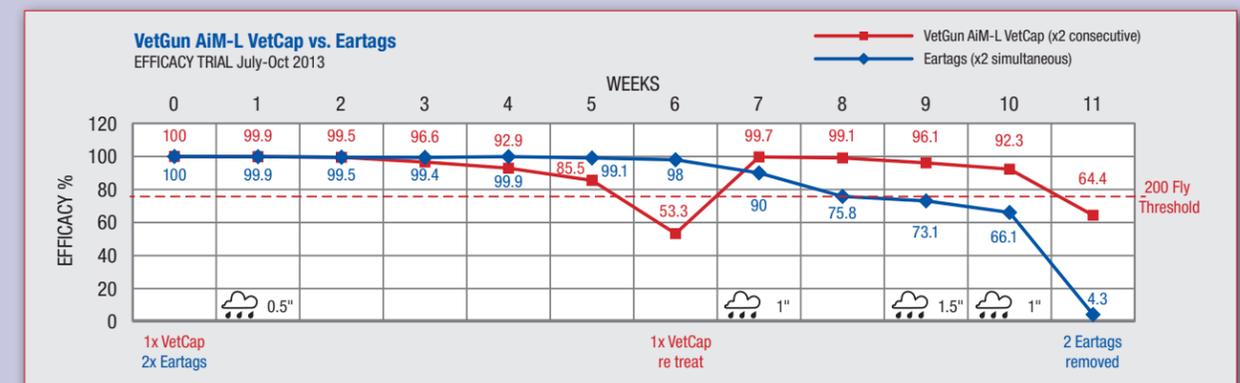
"In conclusion, we documented the ability of the VetCap treatment method to be used as an effective method for the remote delivery of insecticide gel capsules to control horn flies infesting cattle."

2. VetCap AiM-L vs. Pour-on

May 2012: Field trial to determine and compare the efficacy of SmartVet's VetCap insecticide formulations with a commercial pour-on product for the control of horn flies on cattle. The study shows that there is no significant difference in horn fly control between applications with the AiM-L VetCaps compared with Lambda cyhalothrin applied using the standard pour-on method.

3. VetCap AiM-L vs. Eartags

Sept 2013: The study showed the AiM-L VetCap treatment provided very effective fly control for 10 weeks after two applications on cattle. The eartags (x2 per label recommendation) provided effective control for seven weeks, however the tag started to lose control after week 8 post tagging and was not effective from this point on in controlling horn flies.



¹ Li, A.Y., A. Ross and A.A. Pérez de León. 2011. Evaluation of the VetCap Treatment. Method for Horn Fly Control on Cattle. Intern J Appl Res Vet Med. 9(No. 2):198.
² Elmer Ahrens, MS, BCE. May 2012. SW Gillespie County Texas. Study: VetCap GelCap Method vs Ultra Saber™ Pour-On Method. Sponsor: SmartVet USA, Inc. Sponsor Monitor: Robert Pennington MS, BCE.
³ Elmer Ahrens, MS, BCE. Oct 2013. Central Texas Gel Capsule Study (AiM-L VetCaps vs. Eartags). Sponsor: SmartVet USA, Inc. Sponsor Monitor: Robert Pennington, MS, BCE.