ALTOSID® IGR
CUSTOM 2%
FOR CUSTOM BLENDING ONLY INTO CATTLE RATIONS

100501818

TO PREVENT THE EMERGENCE OF HORN FLIES FROM THE MANURE OF TREATED CATTLE INCLUDING BREEDING AND LACTATING CATTLE AND CALVES

ACTIVE INGREDIENT:
(S)-Methoprene (CAS #65733-16-6) 2%
OTHER INGREDIENTS: 98%
Total 100%

KEEP OUT OF REACH OF CHILDREN

WARNING

See below for additional Precautionary Statements/First Aid

ALTOSID® IGR FEED-THRU

NET WEIGHT: 40 LBS (18.16 KG)

PRECAUTIONARY STATEMENTS – HAZARDS TO HUMANS AND DOMESTIC ANIMALS – WARNING
Causes substantial but temporary eye irritation. Do not get in eyes or on clothing. Wear protective eyewear such as safety glasses or goggles. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

FIRST AID	
If in eyes	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-347-8272 for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS
Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

General Information
Altosid® IGR Custom 2% is a premix intended for custom blending into cattle rations to control horn flies which develop in cattle manure. Use **Altosid® IGR Custom 2%** only in cattle.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Blending and Feeding Altosid® IGR Custom 2%
Altosid® IGR Custom 2% prevents emergence of adult horn flies from the manure of treated cattle. Begin use 30 days prior to horn fly season and continue feeding until cold weather restricts horn fly activity.

Altosid® IGR Custom 2% rations may be fed to beef and dairy cattle, including breeding cattle, lactating cattle, and calves. When used as directed, rations containing **Altosid® IGR Custom 2%** may be fed up to slaughter, and to lactating dairy cows without withholding milk.
This product can be used in complete feeds, concentrates, hand feeds, or loose or block mineral or protein supplements.

CENTRAL Garden & Pet

Altosid® IGR Custom 2% is fed to cattle at the level of **1695 mg of Altosid® IGR Custom 2%/100 lbs. body weight/month** or the target rate of **34 mg of (S)-Methoprene/100 lbs. of body weight/month** to achieve horn fly control. This rate is equal to **56.5 mg Altosid® IGR Custom 2%/100 lbs. body weight/day**.

FOR COMPLETE FEEDS AND SUPPLEMENTS: use the following formula:

$$\frac{\text{Cwt*}}{\text{4 X lbs. of ration/head/day}} = \text{lbs. of } \textbf{Altosid® IGR Custom 2\%} \text{ (S)-Methoprene per ton of feed or supplement}$$

*Cwt = 100 lbs. of body weight; i.e., 1,300 lbs. is 13 cwt

Example:

$$\frac{\text{13 Cwt}}{\text{4 X 30 lbs. of ration/head/day}} = \text{.11 lbs. of } \textbf{Altosid® IGR Custom 2\%} \text{ (S)-Methoprene per ton of feed or supplement}$$

FOR MINERAL MIXES: loose, blocks, molasses mineral tub, and molasses protein tub, add the following amounts of **Altosid® IGR Custom 2%** to achieve horn fly control:

Daily Feeding Rate	Lbs./Ton
8 oz/head[1]/day	5
4 oz/head[1]/day	10
3 oz/head[1]/day	13
2 oz/head[1]/day	20
1 oz/250 lbs.	10
1 oz/500 lbs.	20
1 oz/750 lbs.	30

[1]The calculations in the chart assume a 1,000 lb. animal as the head weight
These directions provide a target rate of 1.13 mg/100 lbs. of body weight/day of active ingredient.

Important Note to Feed Mill Operators
- After the addition of the liquid components, add the **Altosid® IGR Custom 2%** and blend to homogeneity.

When and How to Use Altosid® IGR Custom 2%
Use **Altosid® IGR Custom 2%** to break the life cycle of the horn fly. When fed to cattle, **Altosid® IGR Custom 2%** passes through the digestive system and is deposited throughout the manure. Here it stops the development of immature horn flies, before they can emerge as new adult horn flies. **Altosid® IGR Custom 2%** does not affect existing adult horn flies.

Start feeding **Altosid® IGR Custom 2%** 30 days before horn flies normally appear. Continue feeding throughout the summer and into the fall until cold weather restricts horn fly activity.

If significant numbers of adult horn flies are already present when **Altosid® IGR Custom 2%** is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing horn fly burdens, consider the use of adulticide sprays, dusts, back-rubbers, or pour-ons.

Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without **Altosid® IGR Custom 2%**, eggs hatch and develop in the manure, resulting in a new generation of adult horn flies. These newly emerged horn flies may be carried downwind to a neighboring herd. Area wide horn fly control to include neighboring herds reduces the numbers of migrating horn flies.

Altosid® IGR Custom 2% may be fed up to slaughter and to lactating dairy cows without withholding milk.

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

www.AltosidIGR.com

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ALTOSID® IGR FEED-THRU

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal. **Storage:** Store in a cool, dry place. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into mixing equipment. Then offer for recycling if available or dispose of empty container/liner in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For information, call **1-800-347-8272.**

www.altosidIGR.com

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