



ALTOSID[®] IGR CUSTOM BLEND 2%

FOR CUSTOM BLENDING ONLY INTO CATTLE RATIONS



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

SPECIMEN LABEL

ACTIVE INGREDIENT (% by weight):

(S)-Methoprene (CAS #65733-16-6)..... 2%

OTHER INGREDIENTS..... 98%

TOTAL 100%

EPA Reg. No. 2724-841-89459

EPA Est. No. 2724-TX-1

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

This product contains ethoxyquin as a preservative. When blended into finished feeds at 20 lbs per ton, the resulting feed will be at the 150 ppm maximum limit established for ethoxyquin by FDA and AAFCO.

PRECAUTIONARY STATEMENTS – HAZARDS TO HUMANS AND DOMESTIC ANIMALS – CAUTION:

Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wear protective eyewear such as safety glasses or goggles. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

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 Blend 2% is a premix intended for custom blending into cattle rations to control horn flies which develop in cattle manure. Use Altosid[®] IGR Custom Blend 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 Blend 2%: Altosid[®] IGR Custom Blend 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 Blend 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 Blend 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.

Altosid[®] IGR Custom Blend 2% is fed to cattle at the level of **1695 mg of Altosid[®] IGR Custom Blend 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 Blend 2%/100 lbs. body weight/day**.

FOR COMPLETE FEEDS AND SUPPLEMENTS: use the following formula:

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

Example:

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

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

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

¹The 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 Blend 2%** and blend to homogeneity.

When and How to Use Altosid® IGR Custom Blend 2%

Use **Altosid® IGR Custom Blend 2%** to break the life cycle of the horn fly. When fed to cattle, **Altosid® IGR Custom Blend 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 Blend 2%** does not affect existing adult horn flies.

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

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.

WARRANTY AND CONDITIONS OF SALE: Seller warrants that this product conforms to the chemical specifications expressed on the label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, seller's liability for default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

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

www.altosidIGR.com

Manufactured for:

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