



ALTOSID[®] IGR CUSTOM BLEND 2%

100523008

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

ACTIVE INGREDIENT:

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

OTHER INGREDIENTS: 98%

Total 100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See below for additional Precautionary Statements/First Aid

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	<ul style="list-style-type: none"> 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: *Cwt = 100 lbs. of body weight; i.e., 1,300 lbs. is 13 cwt

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

Example:

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

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
8 oz/head ¹ /day	5
4 oz/head ¹ /day	10
3 oz/head ¹ /day	13
2 oz/head ¹ /day	20

Daily Feeding Rate	Lbs./Ton
1 oz/250 lbs	10
1 oz/500 lbs	20
1 oz/750 lbs	30

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.

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NET WEIGHT: 40 LBS (18.16 KG)

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