



**Pertinent**  
animal health

# Pertinent Fly Control

## IGR 0.4% Formulating Concentrate

Not for use in liquid feed

Not for use in medicated feed

To prevent the breeding of horn flies in the manure of treated Cattle

A pesticidally active feed concentrate for cattle containing S-Methoprene insect growth regulator for continuous feeding during the fly season



**ACTIVE INGREDIENT:** S-Methoprene (CAS Number 65733-16-6)...0.4%  
**OTHER INGREDIENTS:** .....99.6%  
**TOTAL:** .....100%

This product may also contain plant protein products, dried grains with solubles, processed grain by-products, mineral oil, cane molasses, grain products, roughage products, calcium carbonate.

Use this product only as specified on the back of the bag

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See back panel for additional precautionary statements

Net Weight: 7.5 lbs.

EPA Est. No.: 62171-MS-003

EPA REG. NO. 97680-4

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling.

**FIRST AID**

<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15- 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> </ul>

Have the product container or label with you when calling a poison control center, or doctor, or going for treatment. You may also contact the National Poison control center at 1-800-222-1222 24 hrs./day, 7 days/week 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**

This pesticide product is to be used as a cattle feed-through pesticide for the control of horn flies.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner not consistent with its labeling.

Pertinent Fly Control IGR 0.4% Formulating Concentrate is a concentrated end-use product that is for use in cattle feeds to prevent breeding of horn flies in the manure of treated cattle. This product is to be used in the spring before the appearance of horn flies on cattle. When using this product, continue feeding cattle until the cold weather decreases the activity of horn flies. Introducing the product when high numbers of adult horn flies are present will require the use of adulticide dusts or sprays.

The dosage of Pertinent Fly Control IGR 0.4% Formulating Concentrate is proportionate to body weight in cattle. The application rate for use of this product is 0.2 oz. (0.0125 lb.) to 0.4 oz. (0.025 lb.) per 100 lbs. of body weight every 30 days. Feed by one of the following methods:

**MIX WITH NON-MEDICATED FREE-CHOICE-FED MINERALS**

Mix Pertinent Fly Control IGR 0.4% Formulating Concentrate with free-choice-fed minerals to produce a mixture containing 0.01% to 0.02% active ingredient (S-methoprene) as shown in the next table.

	Quantity Product (lbs.)	Final Concentration
0.01% or 4 oz. per day feeding rate Pertinent Fly Control IGR 0.4% Formulating Concentrate	1.25	2.44%
Free-Choice Minerals	50	97.56%
<b>Total</b>	<b>51.25</b>	<b>100.00%</b>
0.02% or 2 oz. per day feeding rate Pertinent Fly Control IGR 0.4% Formulating Concentrate	5	4.76%
Free-Choice Minerals	100	95.24%
<b>Total</b>	<b>105</b>	<b>100.00%</b>

Place the mixture of Pertinent Fly Control IGR 0.4% Formulating Concentrate and minerals near the watering or loafing grounds and supply one feeder for each 15 to 20 head of cattle. Put out only a 5-to-7-day amount of the mixture at once and cover from rain.

When the prescribed mixture of Pertinent Fly Control IGR 0.4% Formulating Concentrate and minerals is consumed at a rate of 0.2 oz. or 0.4 oz. per 100 lbs. of cow body weight per day, which is equal to 2 oz. or 4 oz. for a 1,000 lbs. cow per day, this rate will produce the daily median intake of 1.13 mgs of S-methoprene per 100 lbs. of cattle body weight per day.

**MIXED-RATION FEEDING**

Fully mix Pertinent Fly Control IGR 0.4% Formulating Concentrate with grain or supplements. The following table provides the daily intake of 1.13 mg of S-methoprene per 100 lbs. of cattle body weight per day. Use as a guide for determining the proper mixing rate:

BODY WEIGHT (lbs.)	FEED RATE (lbs./head/day)	Pertinent Fly Control IGR 0.4% Formulating Concentrate (oz./ton)
150	5.0	6.0
200	5.0	8.0
250	5.0	10.0
300	5.0	12.0
300	7.5	8.0
475	5.0	19.0
700	5.0	28.0
925	5.0	37.0
1100	5.0	44.0
1300	15.0	17.5
1300	20.0	13.0
1300	25.0	10.5
1300	30.0	8.5
1300	35.0	7.3
1300	40.0	6.5
1300	45.0	6.0
1300	50.0	5.2
1400	20.0	14.0
1400	25.0	11.3
1400	30.0	9.1
1500	25.0	12.2
1500	30.0	9.8
1500	35.0	8.5

**STORAGE AND DISPOSAL:**

Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:**

Store in a dry area. Do not contaminate with pesticides or fertilizer.

**PESTICIDE DISPOSAL:**

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:**

Nonrefillable container. Do not use or refill this container. Completely empty bag 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 bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

SKU: 1US21311



For more information on this product, call (919) 676-8644. In an emergency, call the National Poison Control Center at 1-800-222-1222, 24 hrs./day, 7 days/week.

Manufactured For: Pertinent Eco-Solutions, Inc 147 Technology Parkway, Peachtree Corners, GA 30092 United States www.Pertinenteco.com

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