

69554-4

02/21/2003

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division
401 M St., SW.
Washington, D.C. 20460

EPA Reg. Number:

69554-4

Date of Issuance:

2/21/03

Term of Issuance:

Unconditional

Name of Pesticide Product:

R-ST 10 Cattle Premix

NOTICE OF PESTICIDE:

Registration
 Reregistration

Name and Address of Registrant (include ZIP Code):

B2E Corporation
500 Mamaroneck Ave.
Harrison, NY 10528

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act, as amended).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This registration does not eliminate the need for continual reassessment of the pesticide. If EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is registered in accordance with FIFRA section 3(c)(5) and is subject to the following conditions:

- Submit five (5) copies of the revised final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Janet L. Andersen, Ph.D., Director
Biopesticides and Pollution Prevention Division (7511C)

Date:

2/21/03

R-ST™ 10 Cattle Premix

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

ACTIVE INGREDIENT:

S-Methoprene (CAS #65733-16-6) 10.5%

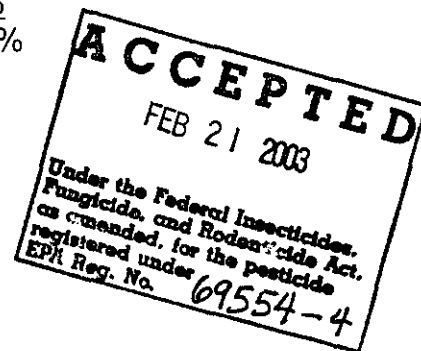
OTHER INGREDIENTS: 89.5%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements



EPA Reg. No. 69554-

EPA Est. No.

Net Wt.:

General Information

R-ST™ 10 Cattle Premix is used for the control horn flies that develop in beef and dairy cattle manure. When mixed into a cattle ration, the R-ST™ 10 Cattle Premix passes through the digestive system and is deposited in the manure. R-ST™ 10 Cattle Premix arrests the development of horn fly larvae which prevents adult horn flies from emerging and breeding.

Directions for Use

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

R-ST™ 10 Cattle Premix is only for use in beef and dairy cattle and may be fed to breeding and lactating cattle as well as calves. R-ST™ 10 Cattle Premix may be fed until slaughter and to lactating dairy cows without affecting meat or milk.

This product may be used in complete feeds, concentrates, hand feeds or mineral supplements. Start applying to cattle rations in the spring before horn flies appear on cattle and continue until cold weather limits horn fly activity. R-ST™ 10 Cattle Premix is fed to cattle at a rate of 11.3 mg per 100 lb. body weight per day. See charts below for examples of feed rates.

For 1000 pound animal:

FEED	DAILY INTAKE (as % body wt)	RATIO OF SUPPLEMENT TO FEED	R-ST™ 10 Cattle Premix IN SUPPLEMENT mg/lb.	R-ST™ 10 Cattle Premix IN FEED mg/lb.	GRAMS R-ST™ 10 Cattle Premix PER TON OF FEED
Complete Feed	3.5 lb (3.5%)	-	-	3.2	6.5
Supplement or Premix for Preparing Complete Feed	-	1:9	32	3.2	
	-	1:19	65	3.2	
	-	1:39	129	3.2	
	-	1:79	258	3.2	
Complete Feed	2.5	-	-	4.5	9.0
Supplement or Premix for Preparing Complete Feed	-	1:9	45	4.5	90
	-	1:19	90	4.5	181
	-	1:39	181	4.5	362
	-	1:79	362	4.5	723
Concentrate Fed w/ Roughage	1.0	-	-	11.3	22.6
Supplement or Premix for Preparing Complete Feed	-	1:9	113	11.3	226
	-	1:19	226	11.3	452
	-	1:39	452	11.3	904
	-	1:79	904	11.3	1808
Supplement for Hand Feeding	2.0 lb./head	-	57	-	113
	1.0 lb./head	-	113	-	226
	0.5 lb./head	-	226	-	452

Mineral Mix:

FEED RATE	BODY WEIGHT	R-ST™ 10 Cattle Premix IN SUPPLEMENT mg/lb.	GRAMS R-ST™ 10 Cattle Premix PER TON OF FEED
4.0 oz.	1000 lb.	452	904
2.0 oz.	1000 lb.	904	1808
1.0 oz.	250 lb.	452	904
1.0 oz.	500 lb.	904	1808
1.0 oz.	750 lb.	1356	2712

Note to Feed Mill Operators:

R-ST™ 10 Cattle Premix is a light, fluffy powder. Apply powder directly to the mixer. It is even better to add powder after the addition of liquid components. (To minimize loss, do not use with excessive air turbulence in elevators or in long, free-fall gravity chutes.) Blend thoroughly.

When to Use R-ST™ 10 Cattle Premix:

Start feeding R-ST™ 10 Cattle Premix in the early spring, before horn flies emerge. Continue feeding until cold weather stops fly activity.

If horn flies are already present when R-ST™ 10 Cattle Premix is first applied, it may take up to 5 weeks before there is a noticeable reduction. For immediate relief, use an adulticide (spray, dust, tag, pour-on, etc.) It is important to control wide areas so that flies do not migrate from one herd to another.

STORAGE AND DISPOSAL

Storage: Store R-ST™ 10 Cattle Premix in a cool, dry area. Do not contaminate water, food, or feed by storage or disposal.

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: Dispose of empty bag in a sanitary landfill or by incineration.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Harmful if inhaled. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

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.
If inhaled:	<ul style="list-style-type: none"> •Move person to fresh air. •If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. •Call a poison control center or doctor for further treatment advice.

WARRANTY AND CONDITIONS OF SALE

Seller makes no other warranty, express or implied, concerning the use of this product other than as indicated on the label. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given on the label.

R-ST™ 10 Cattle Premix is a trademark of B2E Corporation.

NET CONTENTS:
GROSS WEIGHT:

Sold by:
B2E Corporation
500 Mamaroneck Ave.
Harrison, NY 10528