



# TROLENE\* 18 INSECTICIDAL SALT PREMIX

**SPECIMEN LABEL**  
REDUCED TO 85%

*For Use in the Preparation of Insecticidal Mineral Mixtures Containing Six Percent Ronnel*

**CONTROLS HORNFLIES AND CATTLE GRUBS**  
when mineral mixtures are fed continuously

**CONTROLS GRUBS AND AIDS IN THE REDUCTION OF CATTLE LICE**  
when mineral mixtures are fed for 7 days

**CONTROLS GRUBS**  
when mineral mixtures are fed for 14 days

**FOR BEEF CATTLE AND NON LACTATING DAIRY ANIMALS ONLY**

Active ingredient: Ronnel (6-ethyl-2,4,6-trinitrophenol) 2.4%  
Inert ingredients 97.6%  
Net weight 100 lb (45.36 kg)  
Dose: 1/2 oz (14.17 g) per head per day  
EPA Registration No. 464-315-AA  
EPA Est. 464 MI

**GUARANTEED ANALYSIS**

**DIRECTIONS FOR PREPARING INSECTICIDAL MINERAL MIXTURES CONTAINING SIX PERCENT RONNEL**

HOW TO MIX

### WARNING

**KEEP OUT OF REACH OF CHILDREN  
HARMFUL IF SWALLOWED  
IRRITATING TO THE SKIN AND EYES**  
Do Not Get in Eyes • Avoid Contact with Skin • Avoid Breathing of Dust  
Wash with Soap and Water After Using  
Avoid Storage Near Feed and Foodstuffs

**DIRECTIONS FOR CONTINUOUS SELF FEEDING OF INSECTICIDAL MINERAL MIXTURES**

When to Feed

How Much to Feed

How to Feed

**DIRECTIONS FOR 7 DAY OR 14 DAY FEEDING PROGRAMS**

NOTE

When to Feed

DOSE

7 DAY FEEDING PROGRAM

When to Feed

How to Feed

For Top Dressing or Mechanical Mixing

For Mechanical Mixing Only

Feed

For example

**14 DAY FEEDING PROGRAM**

When to Feed

How to Feed

For Top Dressing or Mechanical Mixing

For Mechanical Mixing Only

Feed

For example

### WARNINGS

WITHDRAW 10 DAYS PRIOR TO SLAUGHTER FOR CATTLE ON THE 7 DAY OR 14 DAY FEEDING PROGRAMS

DECEMBER

LIVESTOCK REMEDY • NOT FOR HUMAN USE  
STORE IN A COOL DRY PLACE

OCTOBER

## THE DOW CHEMICAL COMPANY

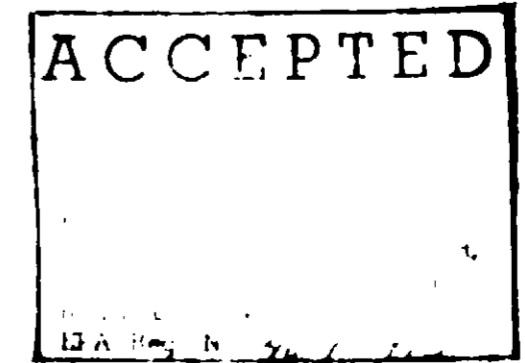
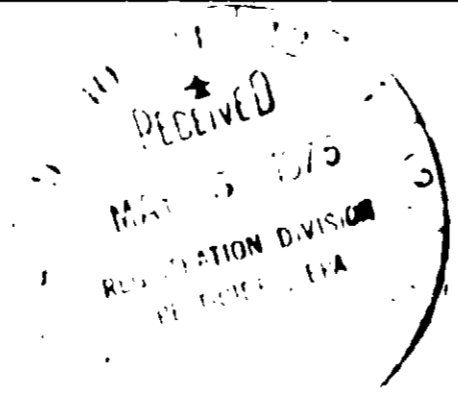
MIDLAND MICHIGAN 48640 USA ZÜRICH SWITZERLAND HONG KONG  
CORAL GABLES FLORIDA 33133 USA SARNIA ONTARIO CANADA  
\*Trademark of THE DOW CHEMICAL COMPANY

### 100 LB / 45.36 KG

LOT



REVISIONS: (1) WITHDRAWAL WARNING REVISED  
REVISIONS: (1) (2) WITHDRAWAL WARNING REVISED  
REVISIONS: (1) (2) WITHDRAWAL WARNING REVISED





# TROLENE 18

## INSECTICIDAL SALT PREMIX

For Use in the Preparation of Insecticidal Mineral Mixtures Containing Six Percent Ronnel

### CONTROLS HORNFLEES AND CATTLE GRUBS

(when mineral mixtures are fed continuously)

### CONTROLS GRUBS AND AIDS IN THE REDUCTION OF CATTLE LICE

(when mineral mixtures are fed for 7 days)

### CONTROLS GRUBS

(when mineral mixtures are fed for 14 days)

### FOR BEEF CATTLE AND NON-LACTATING DAIRY ANIMALS ONLY

Active Ingredient	
Ronnel † (O, O-dimethyl O-(2,4,5-trichlorophenyl) phosphorothioate)	18%
Inert Ingredients	82%
Salt	60%
Other Inert Ingredients	22%

Diatomaceous earth, cane molasses, glyceryl monostearate, mineral oil, and pyrogenic silica

†Trademark of The Dow Chemical Company abroad  
E.P.A. Registration No. 464-415-AA  
E.P.A. Est. 464-MI-1

### GUARANTEED ANALYSIS

Salt (NaCl), max.	65%
Salt (NaCl), min.	60%

### DIRECTIONS FOR PREPARING INSECTICIDAL MINERAL MIXTURES CONTAINING SIX PERCENT RONNEL

**HOW TO MIX:** Blend one part by weight of TROLENE 18 Insecticidal Salt Premix with two parts by weight of mineral ingredients to prepare an insecticidal mineral mixture containing 6% ronnel. Make certain the TROLENE 18 Insecticidal Salt Premix is evenly mixed in the total insecti-

dal mineral mixture. Note TROLENE 18 Insecticidal Salt Premix is not intended to be the sole source of salt in a final insecticidal mineral mixture.

## WARNING

**KEEP OUT OF REACH OF CHILDREN  
HARMFUL IF SWALLOWED  
IRRITATING TO THE SKIN AND EYES**

**Do Not Get in Eyes • Avoid Contact with Skin • Avoid Breathing of Dust  
Wash with Soap and Water After Using  
Avoid Storage Near Feed and Foodstuffs**

This material contains a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Use this product only as specified on this label.

Dispose of empty container by burning or burying in non-croplands away from domestic water supplies.

Licensed under U.S. Patent No. 2,811,480

### DIRECTIONS FOR CONTINUOUS SELF-FEEDING OF INSECTICIDAL MINERAL MIXTURES

**When to Feed:** For hornfly control on pastured cattle, start feeding insecticidal mineral mixture in the spring before flies appear. Continue feeding all summer and into the fall until cold weather restricts fly development. For grub control, feed continuously for a minimum of 75 days.

**How Much to Feed:** Recommended consumption of insecticidal mineral mixture containing 6% ronnel is 0.2 lb. per 100 lb. of body weight per head per month.

**How to Feed:** Feed insecticidal mineral mixture continuously free-choice to cattle in covered mineral-feeder troughs or boxes. Provide one mineral feeder box or feeding space for each 15 to 20 head of cattle. Locate mineral-feeder boxes and troughs near watering areas. To encourage uniform and normal consumption, put out only a 7-day supply at one time, and keep feeder boxes and troughs clean. For adequate insect control, each animal must eat its share of mineral. Small, late calves may require an additional 7- or 14-day feeding program after weaning for grub control. During continuous feeding program, do not allow cattle to run out of insecticidal mineral mixture and do not feed any additional salt or mineral.

### DIRECTIONS FOR 7-DAY OR 14-DAY FEEDING PROGRAMS

Mix insecticidal mineral mixture with ground grain for top dressing, or mix with the complete ration to make an insecticidal feed. Feed continuously for 7 to 14 days and make certain that all cattle are eating. Adequate feeding space should be available for each animal. Make certain that insecticidal feed is evenly distributed on, or mixed into, the total ration.

**NOTE:** Insecticidal feed made from insecticidal mineral mixture should be used within 4 weeks of mixing.

**When to Feed:** After end of adult heel fly season and before grubs reach the back. Ronnel is not effective for grub control during later stages of life cycle, when grubs are in the backs of cattle. Reduction of cattle lice will be obtained when fed as directed for the 7-day program. If louse population builds up after cut-off date (see below), use KORLAN® or RUELENE® insecticides in accordance with label directions.

**DOSAGE:** Provide a total of 0.2 lb. of insecticidal mineral mixture for each 100 lb. body weight (to be fed over the 7- or 14-day feeding period).

### 7-DAY FEEDING PROGRAM

**When To Feed:**  
Southern Area Cattle — July through September  
Northern Area Cattle — August through OCTOBER.

### How To Feed:

**For Top Dressing or Mechanical Mixing:** First, thoroughly mix 2 lb. of insecticidal mineral mixture containing 6% ronnel with 18 lb. of feed to produce 20 lb. of an insecticidal feed. Each pound of this mixed insecticidal feed will contain 0.006 lb. of ronnel. Feed 0.3 lb. of this insecticidal feed per 100 lb. of body weight daily for 7 continuous days. This will provide the approved level of 0.0018 lb. ronnel per 100 lb. of body weight per day. Prepare only enough insecticidal feed for the 7-day feeding program.

**For Mechanical Mixing Only:** Thoroughly mix insecticidal mineral mixture containing 6% ronnel into a complete feed so that the resulting mixture will provide 0.3 lb. of insecticidal mineral per 1000 lb. of body weight for 7 continuous days. This will provide the approved level of 0.018 lb. ronnel per 1000 lb. of body weight per day.

**For example:**  
100 animals weighing 500 lb. each = 50,000 lb. body weight. Therefore,  $\frac{50,000}{1,000} \times 0.3$  lb. of insecticidal mineral mixture = 15 lb. of insecticidal mineral mixture containing 6% ronnel to be added to the complete daily ration.

Repeat this procedure daily and feed for 7 continuous days.

### 14-DAY FEEDING PROGRAM

**When To Feed:**  
Southern Area Cattle — July through September  
Northern Area Cattle — August through DECEMBER.

**How To Feed:**  
**For Top Dressing or Mechanical Mixing:** First, thoroughly mix 1 lb. of insecticidal mineral mixture containing 6% ronnel with 18 lb. of feed to produce 20 lb. of an insecticidal feed. Each pound of this mixed insecticidal feed will contain 0.003 lb. of ronnel. Feed 0.3 lb. of this insecticidal feed per 100 lb. of body weight daily for 14 continuous days. This will provide the approved level of 0.0009 lb. ronnel per 100 lb. of body weight per day. Prepare only enough insecticidal feed for the 14-day feeding program.

**For Mechanical Mixing Only:** Thoroughly mix insecticidal mineral mixture containing 6% ronnel into a complete feed so that the resulting mixture will provide 0.15 lb. of insecticidal mineral per 1,000 lb. of body weight for 14 continuous days. This will provide the approved level of 0.009 lb. ronnel per 1000 lb. of body weight per day.

**For example:**  
100 animals weighing 500 lb. each = 50,000 lb. body weight. Therefore,  $\frac{50,000}{1,000} \times 0.15$  lb. of insecticidal mineral mixture = 7.5 lb. of insecticidal mineral mixture containing 6% ronnel to be added to the complete daily ration.

Repeat this procedure daily and feed for 14 continuous days.

## WARNINGS

### WITHDRAW 10 DAYS PRIOR TO SLAUGHTER FOR CATTLE ON THE 7-DAY OR 14-DAY FEEDING PROGRAMS

Dairy cows should be treated early in their dry period but only if the dry period occurs between the end of the adult heel fly season and before grubs reach the back.

Do not feed to dairy animals that will produce milk for human consumption for 10 days prior to freshening. If dairy cows or heifers freshen during feeding program, or if insecticidal mineral mixture has not been withdrawn the required 10 days prior to freshening, milk must not be used for food for 10 days after the last feeding of this mixture.

Do not feed to sick animals or animals under stress, such as those just shipped, dehorned, castrated, or weaned within the last 3 weeks.

**Warning:** Ronnel is a cholinesterase inhibitor. Do not use this product on animals simultaneously or within a few days before or after treatment with or exposure to cholinesterase inhibiting drugs, pesticides, or chemicals.

\*KORLAN® and RUELENE® — Products and Trademarks of THE DOW CHEMICAL COMPANY

**LIVESTOCK REMEDY • NOT FOR HUMAN USE  
STORE IN A COOL DRY PLACE**

D175

LOT



## THE DOW CHEMICAL COMPANY

AND SUBSIDIARIES

MIDLAND, MICHIGAN 48640, USA    ZURICH, SWITZERLAND    HONG KONG, BCC

CORAL GABLES, FLORIDA 33134, USA    SARNIA, ONTARIO, CANADA

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100 LB/45.36 KG