

# MILLER GRUB STOP (209M)

## INSECTICIDAL MINERAL

For continuous self-feeding of cattle during the summer for control of hornflies and cattle grubs; for mixing in feed to provide a 7-day feeding program for grub control and as an aid in the reduction of cattle lice, or a 14-day feeding program for grub control; for ~~beef cattle and non-lactating dairy animals~~ only. Follow feeding directions carefully. (See back of bag for feeding directions).

### PESTICIDALLY ACTIVE INGREDIENT:

Ronnel (0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate) 6.0%  
Pesticidally Inert Ingredients 94.0%

### INGREDIENTS

Dicalcium phosphate, calcium carbonate, salt, diatomaceous earth, iron carbonate, cobalt carbonate, ethylenediamine dihydriodide, copper oxide, manganous oxide, zinc oxide, cane molasses, mineral oil, glyceryl monostearate, pyrogenic silica, soybean meal.

### GUARANTEED ANALYSIS

|                             | Percent |
|-----------------------------|---------|
| Calcium (Ca), Not less than | 20.5    |
| Calcium (Ca), Not more than | 21.5    |
| Phosphorus (P)              | 8       |
| Salt (NaCl), Not less than  | 20      |
| Salt (NaCl), Not more than  | 21      |
| Manganese (Mn)              | .07     |
| Iron (Fe)                   | .2      |
| Copper (Cu)                 | .035    |
| Cobalt (Co)                 | .006    |
| Zinc (Zn)                   | 4       |
| Iodine (I)                  | .01     |

### WARNINGS

Use as a sole source of Ronnel.

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 If dairy cows or heifers freshen during feeding program, or if insecticidal mineral has not been withdrawn the required 10 days prior to freshening, milk must not be used for food for 10 days after the last feeding of this product.

Withdraw 10 days prior to slaughter.

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

Ronnel is a cholinesterase inhibitor. Do not use this product in animals simultaneously or within a few days before or within a few days before or after treatment with or exposure to cholinesterase-inhibiting drugs, pesticides or chemicals. Consult a veterinarian at the first sign of adverse reaction. Atropine is an antidote.

### CAUTION

#### KEEP OUT OF REACH OF CHILDREN

Wash hands with soap and water after handling. This material contains a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

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

Do not reuse empty containers. Destroy it by burning or burying in non-crop land away from water supplies. Stay away from smoke or fumes.

#### STORE IN A COOL, DRY PLACE

Net Wt. 50 lbs.

DISTRIBUTED BY: MILLER CHEMICAL COMPANY  
OMAHA, NEBRASKA 68102

## DIRECTIONS FOR CONTINUOUS SELF-FEEDING PROGRAM

### MILLER GRUB STOP (209M) INSECTICIDAL MINERAL

When to Feed: For hornfly control on pastured cattle start feeding Miller Grub Stop (209M) Insecticidal Mineral 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 Miller Grub Stop (209M) Insecticidal Mineral containing 6% Ronnel is 0.2 lb. per 100 lb. of body weight per head per month.

How to Feed: Feed Miller Grub Stop (209M) Insecticidal Mineral 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 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.

### WARNING

During continuous feeding program, do not allow cattle to run out of Miller Grub Stop (209M) Insecticidal Mineral and do not feed any additional salt or mineral.

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

Mix Miller Grub Stop (209M) Insecticidal Mineral with ground grain for top dressing, or mix with the complete ration to make an insecticidal feed. Feed continuously for 7 or 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. Provide a total of 0.2 lb. of Miller Grub Stop (209M) Insecticidal Mineral for each 100 lb. body weight (to be fed over the 7- or 14-day feeding period).

NOTE: Insecticidal feed made from Miller Grub Stop (209M) Insecticidal Mineral 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 loss will be obtained when fed as directed for the 7-day program.

#### 7-DAY TREATMENT

When to Feed:

Southern area cattle: July through September  
Northern area cattle: August through October

How to Feed: Mix thoroughly 2 lb. of Miller Grub Stop (209M) Insecticidal Mineral containing 6% Ronnel with 19 lb. feed to produce an insecticidal feed. Prepare only enough for the 7 day feeding program. Feed 0.3 lb. of insecticidal feed per 100 lb. body weight daily for 7 continuous days.

#### 14-DAY TREATMENT

When to Feed:

Southern area cattle: July through September  
Northern area cattle: August through DECEMBER

How to Feed: Mix thoroughly 1 lb. of Miller Grub Stop (209M) Insecticidal Mineral containing 6% Ronnel with 20 lb. of feed to produce an insecticidal feed. Prepare only enough for the 14 day feeding program. Feed 0.3 lb. of insecticidal feed per 100 lb. body weight daily for 14 continuous days.