



INSECTICIDAL MINERAL No. 4-8+A MEDICATED



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 the mixing and feeding directions carefully, as found on the reverse side.

Pesticidally Active Ingredient:
Ronnal (0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate) 6.0%
Pesticidally Inert Ingredients 94.0%

GUARANTEED ANALYSIS

Calcium, minimum 3.5%
Calcium, maximum 4.5%
Phosphorus, minimum 8.0%
Salt, minimum 18.2%
Salt, maximum 21.8%
Iodine, minimum 0.04%
Vitamin A, minimum 100,000 U.S.P. Units/Lb.
Vitamin D3, minimum 20,000 U.S.P. Units/ Lb.

INGREDIENTS

Processed Grain By-Products, Cane Molasses, Animal Fat preserved with BHA, Vitamin A Supplement (stability improved), D-Activated Animal Sterol, Sodium Tripolyphosphate, Defluorinated Phosphate, Salt, Magnesium Oxide, Zinc Oxide, Manganese Sulfate, Iron Sulfate, Copper Sulfate, Ethylene Diamine Dihydriodide, Cobalt Carbonate.

WARNINGS

Withdraw 10 days prior to slaughter for cattle on the 7-day or 14-day feeding program. 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 If dairy cows or heifers freshen during feeding program, or if insecticidal mineral has not been withdrawn the required 10 days prior to freshening, milk must not be used for food for 10 days after the last feeding of this product.
Do not feed to sick animals or animals under stress, such as those just shipped, dehorned, castrated, or weaned within the last 3 weeks.
Ronnal is a cholinesterase inhibitor. Do not feed this product to animals simultaneously 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.

WARNING 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 cleaning of equipment or disposal of wastes. Use this product only as specified on this label.
Do not reuse empty container. Destroy it by burning or burying in non-croplands away from water supplies.

STORE IN A COOL, DRY PLACE

SEE FEEDING DIRECTIONS AND WARNING ON REVERSE SIDE

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Manufactured By
ConAgra, Inc.
General Office - Omaha, Nebraska 68131

NET WEIGHT ON BAG OR INVOICE

EPA Reg. No. 108-38-A
ACCEPTED
NOV 26 1975
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 108-38-A

**DIRECTIONS FOR CONTINUOUS SELF-FEEDING PROGRAM
INSECTICIDAL MINERAL No. 4-8+A MEDICATED**

When To Feed:

For control of hornflies on pastured cattle start feeding Insecticidal Mineral No. 4-8+A Medicated in the spring before flies appear. Continue feeding throughout the 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 No. 4-8+A Medicated containing 6% ronnel is 0.2 lb. / 100 lb. of body weight per head per month.

How To Feed:

Feed Insecticidal Mineral No. 4-8+A Medicated 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 control of insects, each animal must eat its share of mineral. Small, late calves may require an additional 7- or 14- day feeding program after weaning for control of grubs.

WARNING

During continuous feeding program, do not allow cattle to run out of "Insecticidal Mineral No. 4-8+A Medicated" and do not feed any additional salt or mineral.

**DIRECTION FOR 7-DAY OR 14-DAY
FEEDING PROGRAMS**

Mix Insecticidal Mineral No. 4-8+A Medicated 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 Insecticidal Mineral No. 4-8+A Medicated for each 100 lb. body weight (to be fed over the 7- or 14-day feeding period).

NOTE: Insecticidal feed made from Insecticidal Mineral No. 4-8+A Medicated 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 their 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.

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 No. 4-8+A Medicated containing 6% ronnel with 18 lb. of feed to produce 20 lb. of an insecticidal feed. Each lb. 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 No. 4-8+A Medicated containing 6% ronnel into a complete feed so that the resulting mixture will provide 0.3 lb. of Insecticidal Mineral No. 4-8+A Medicated per 1,000 lb. of body weight for 7 continuous days. This will provide the approved level of 0.018 lb. ronnel per 1,000 lb. of body weight per day. For example:

50,000
100 animals weighing 500 lb. each = 50,000 lb. body weight. Therefore, $1,000 \times 0.3$ lb. of Insecticidal Mineral No. 4-8+A Medicated mixture = 15 lb. of Insecticidal Mineral No. 4-8+A Medicated 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 No. 4-8+A Medicated containing 6% ronnel with 19 lb. of feed to produce 20 lb. of an insecticidal feed. Each lb. 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 0.0069 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 No. 4-8+A Medicated containing 6% ronnel into a complete feed so that the resulting mixture will provide 0.15 lb. of Insecticidal Mineral No. 4-8+A Medicated per 1,000 lb. of body weight for 14 continuous days. This will provide the approved level of 0.009 lb. ronnel per 1,000 lb. of body weight per day. For example:

50,000
100 animals weighing 500 lb. each = 50,000 lb. body weight. Therefore, $1,000 \times 0.15$ lb. of Insecticidal Mineral No. 4-8+A Medicated mixture = 7.5 lb. of Insecticidal Mineral No. 4-8+A Medicated mixture containing 6% ronnel to be added to the complete daily ration.

Repeat this procedure daily and feed for 14 continuous days.