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ACCEPTED  
AUG 28 1987  
Under the Federal In-  
secticide, and Roden-  
ticide Act, as amended, for the pur-  
pose of sale under  
EPA Reg. No. 157-43

# Special Phos IGR Minerals®

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

A pesticidally active mineral feed for beef and dairy cattle containing methoprene\* insect growth regulator for continuous feeding during the fly season.

ACTIVE INGREDIENT:	methoprene (Isopropyl (E,E)-11-methoxy-3,7,11-trimethyl-2,4-dodecadienoate)*	0.02%
INERT INGREDIENTS:	.....	99.98%
	TOTAL	100.00%

on tomato seeds initially wash seeds. Immediately soak seeds in 39,000 ppm solution for 15 minutes with continuous agitation. After treatment rinse seeds in potable water for 15 minutes. Dry seeds to normal moisture. The solution may be made by mixing 8 oz. of this product with 1 gallon of water.

MUSHROOMS - To control bacterial blotch (*Pseudomonas tolaasii*), use a 100 to 200 ppm solution prior to watering mushroom production surfaces. This solution may be made by mixing 0.2 to 0.4 oz. of this product with 10 gallons of water. First application should begin when pins form, and thereafter, between breaks on a need basis depending on the occurrence of bacterial blotch. This product may be applied directly to pins to control small infection foci. Apply 1.5 to 2.0 oz. per square foot of growing space.

POST-HARVEST ROOTS - To control and reduce the spread of soft rot causing organisms in water and on sweet potatoes (*Ipomoea batatas*), spray or dip the potatoes with a 150 to 500 ppm solution for 2 to 5 minutes. Thoroughly mix 0.3 to 1.0 oz. of this product per 10 gallons of water to obtain this solution. Monitor the chlorine concentration and change the solution after one hour or as needed.

#### AQUACULTURAL USES

FISH PONDS - Remove fish from ponds prior to treatment. Thoroughly mix 20 oz. of this product to 10,000 gallons of water to obtain 10 ppm available chlorine. Add more product to the water if the available chlorine level is below 1 ppm after 5 minutes. Return fish to pond after the available chlorine level reaches zero.

FISH POND EQUIPMENT - Thoroughly clean all equipment prior to treatment. Thoroughly mix 1 oz. of this product to 20 gallons of water to obtain 200 ppm available chlorine. Porous equipment should soak for one hour.

MAINE LOBSTER PONDS - Remove lobsters, seaweed etc. from ponds prior to treatment. Drain the pond. Thoroughly mix 1200 oz. of this product to 10,000 gallons of water to obtain at least 600 ppm available chlorine. Apply so that all barrows, gates, rock and dam are treated with product. Permit high tide to fill the pond and then close gates. Allow water to stand for 2 to 3 days until the available chlorine level reaches zero. Open gates and allow 2 tidal cycles to flush the pond before returning lobsters to pond.

CONDITIONING LIVE OYSTERS - Thoroughly mix 1 oz. of this product to 10,000 gallons of water at 50 to 70°F to obtain 0.5 ppm available chlorine. Expose oysters to this solution for at least 15 minutes, monitoring the available chlorine level so that it does not fall below 0.05 ppm. Repeat entire process if the available chlorine level drops below 0.05 ppm or the temperature falls below 50°F.

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## MoorMan's Special Phos IGR Minerals INSTRUCTIONS FOR FEEDING

### GENERAL CLASSIFICATION

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

This product only prevents emergence of adult horn flies from the manure of treated cattle. Begin use in the spring before horn flies appear on cattle and continue feeding until cold weather restricts horn fly activity. Introduction of the product when significant numbers of adult flies are present may require the use of adulticide sprays or dusts.

#### Free Choice Feeding (self-feeding)

Make sure cattle are not starved for minerals or salt by providing them before feeding MoorMan's Special Phos IGR Minerals. Then remove salt or mineral supplement and start continuous feeding of MoorMan's Special Phos IGR Minerals.

The recommended consumption of MoorMan's Special Phos IGR Minerals is 0.25 lb ( $\frac{1}{4}$  lb) to 0.5 lb ( $\frac{1}{2}$  lb) per 100 lb of body weight per month. Place MoorMan's Special Phos IGR Minerals near watering or loafing areas and provide one feeder for each 15 to 20 head. Put out only a 5-7 day supply of MoorMan's Special Phos IGR Minerals at one time and protect it from rain.

If consumption of MoorMan's Special Phos IGR Minerals is above 0.5 lb ( $\frac{1}{2}$  lb) per 100 lb of body weight per month, reduce the number of feeding stations or relocate feeders in areas frequented less by cattle.

If consumption of MoorMan's Special Phos IGR Minerals is below 0.25 lb ( $\frac{1}{4}$  lb) per 100 lb of body weight per month, increase the number of feeding stations or relocate in areas more frequented by cattle.

#### Mixed Ration Feeding (hand-feeding)

When cattle are on supplemental feeds or if mineral consumption is not as recommended, mix MoorMan's Special Phos IGR Minerals with other non-medicated feeds and feed daily to provide 0.25 lb ( $\frac{1}{4}$  lb) to 0.5 lb ( $\frac{1}{2}$  lb) of MoorMan's Special Phos IGR Minerals per 100 lb of body weight per month.

### STORAGE AND DISPOSAL

Do not contaminate water or food by storage or disposal.

**STORAGE:** Store in 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 DISPOSAL:** Completely empty bag into application equipment. Then 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.

**GUARANTEED ANALYSIS**

Crude Protein, not less than . . 16.0%  
(This includes not more than 10%  
equivalent protein from non-protein  
nitrogen.)  
Calcium (Ca), not less than . . . 7.5%  
Calcium (Ca), not more than . . 9.0%  
Phosphorus (P), not less than . 12.0%  
Salt (NaCl), not less than . . . 13.4%  
Salt (NaCl), not more than . . . 16.0%  
Iodine (I), not less than . . . . 0.015%  
Vitamin A, not less than 200,000 Inter-  
national Units per pound.

**FEED INGREDIENTS**

Dicalcium Phosphate, Monoammonium Phosphate,  
Phosphate, Calcium Carbonate, Soybean Meal, Sa  
Acetate, D-Activated Animal Sterol (Source of Vitamin  
Improved), Iron Oxide, Copper Carbonate, Ferrous Sulf  
bonate, Ethylenediamine Dihydriodide, Calcium Ioda  
Sulfate, Cane Molasses, Magnesium Oxide, Manganor  
Oxide, Calcium Sulfate, Petrolatum, Mineral Oil, Si  
Sodium Selenite.

\*As the insect growth regulator, ALTOSID® a trademark of

**ZOECON CORPORATION**

US Pats. 3,904,662 & 3,912,815

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

Keep out of reach of children.

**CAUTION**

Moorman Mfg. Co., General Office, Quincy, Illinois 62301-3496

EPA REG. NO. 1157-43 EPA Est. 1157-IL-1

**627-Pr**

Net Wt. 50 Lb

**LOT  
NO.**