

Reg # 54735-5

PM-10

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A BIOLOGICAL INSECTICIDE FOR GRASSHOPPERS

SEMASPORE BAIT™

THIRD INSTAR GRASSHOPPER NYMPH

1/2" to 3/4"



Wing "Buds"

ACTIVE INGREDIENT: Contains Viable Spores of NOSEMA LOCUSTAE

Minimum of 1 Billion Spores per Pound.....0.001%

Inert Ingredients.....99.999%

See Back for Directions. Read All Directions Before Using.
Si Usted No Lee Ingles, Use Este Producto Solo
Despues Las Direcciones Haya Explicado

Mfg By:
Bozeman Bio-Tech
1612 Gold Ave.
Box 3146
Bozeman, Mt 59772
(406) 587-5891

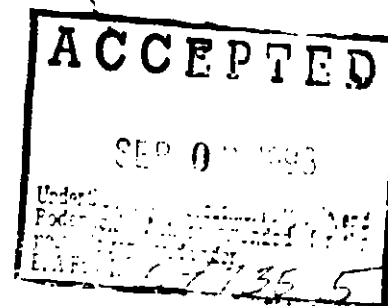
EPA Est. 54735-MT-3
EPA Registration No. 54735-5
Batch No. _____
Contents: ☐ One Pound ☐ Five Pounds

CAUTION
KEEP OUT OF REACH OF CHILDREN

35-0104

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BEST AVAILABLE COPY



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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Avoid inhalation or contact with eyes or open wounds.

IF IN EYES - Flush with plenty of water, get medical attention if irritation occurs.

IF ON SKIN OR CLOTHING - Remove contaminated clothing; wash skin with soap and water.

ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

Apply 1 lb. bran per acre when grasshoppers are still nymphs (Immature - majority 1/2 to 3/4 inch)

Treat rangeland or cropland hatching beds first, where nymphs are developing.

Use before _____

STORAGE AND DISPOSAL

Disposal: Do not reuse empty container. Dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Storage: Store in a cool, dry shaded area in original container or refrigerator. If refrigerated continuously at 40 degree F add _____ days to expiration date. If frozen continuously at 15 degree F add _____ days to expiration date.

HOW SEMASPORE WORKS

Semaspoore contains Nosema Locustae, a natural pathogen to grasshoppers which infects most species after consumption of the bran bait (they consume best on warm, bright mornings). Grasshoppers first weaken, moving slower and reducing consumption (and damage) and then begin to die in 3-5 weeks as the disease spores multiply in them. Uninfected grasshoppers cannibalize those infected, receiving a larger initial dose, and the disease spreads. You won't see many dead grasshoppers because of cannibalism. However, slow moving, weakened grasshoppers will be observed. Any eggs laid are fewer, weakened and may be infected. Treating mostly 2nd and 3rd instar nymphs (1/2 to 3/4 inch, some with embryonic wings) initially, causes them to weaken and/or die before maturing and consuming more. However, enough survive infected to transmit the disease. Third instars are generally in hatching beds (grassy areas of unbroken ground); later, grasshoppers migrate into growing areas. Eight of them per square yard are important and above 25 is a serious infestation for which multiple Semaspoore treatments have been used and/or a registered chemical bait for quick kill. Treated buffer zones around growing areas have also been used, to reduce grasshopper migration.

NOTICE OF WARRANTY

No Warranty is expressed or implied concerning this product except for that on the label

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