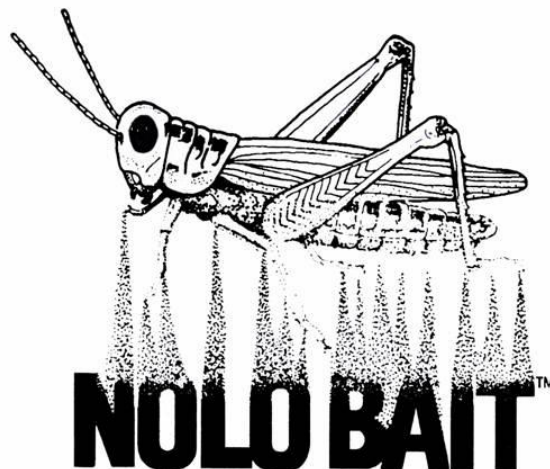


2008-0717  
08-MAR-2009



**NOLO BAIT™**  
**BIOLOGICAL INSECTICIDE**  
COMMERCIAL

SOLID  
*Nosema (Paranosema) locustae* Canning  
**Biological Insecticide**

**READ THE LABEL BEFORE USING**

May provide suppression of grasshopper and Mormon cricket populations

GUARANTEE: *Nosema (Paranosema) locustae* Canning.....minimum of  $2.2 \times 10^6$  spores/g

**KEEP OUT OF REACH OF CHILDREN**  
**POTENTIAL SENSITIZER**  
**WHEAT ALLERGEN**

SEE PRECAUTIONARY STATEMENTS ON SIDE PANEL

Net contents: \_\_\_\_\_ Date Formulated: \_\_\_\_\_ Lot# \_\_\_\_\_

Registration No. 29197 PEST CONTROL PRODUCTS ACT

Manufactured in the USA by:  
M&R Durango, Inc.  
6565 Hwy. 172, Ignacio, CO 81137  
US/Canada call: 800-526-4075

## **FIRST AID**

If swallowed: Rinse mouth and throat with copious amounts of water. Do not induce vomiting.

If on skin/clothing: Take off contaminated clothing. Wash with plenty of soap and water. If

inhaled: Move to fresh air. If in eyes: Hold eye open and rinse slowly and gently with water.

Remove contact lenses, if present, then continue rinsing eye.

General: Seek medical attention immediately if irritation or signs of toxicity occur and persist or is severe. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION: Treat symptomatically**

## **PRECAUTIONS**

May cause sensitization. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or spray mist. Wear a long sleeved shirt, long pants, waterproof gloves, eye goggles and a NIOSH approved respirator/mask (with any N-95, P-95, R-95 or HE filter) for biological products when handling, mixing/loading or applying the product and during all clean-up/repair activities. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

## **ENVIRONMENTAL PRECAUTIONS**

As this pesticide is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Apply only when meteorological conditions at the treatment site allow for complete and even coverage. Apply only when meteorological conditions are in compliance with local and/or provincial authorities.

## **NOLO BAIT**

### **General Information**

NOLO BAIT may provide suppression of grasshopper and Mormon cricket populations in crop and rangeland. It contains a microsporidial pathogen of grasshoppers. NOLO BAIT infects the fat bodies of most species of grasshoppers and some crickets. Infection and sickness to the grasshoppers from the insect pathogen begins upon ingestion of the bait by the grasshopper.

Grasshopper death will begin in 3-6 weeks. The insect pathogen multiplies in infected grasshoppers and will pass from grasshopper to grasshopper and the insect pathogen may remain in the grasshopper population for several years following treatment.

## **DIRECTIONS FOR USE**

### **READ ALL DIRECTIONS BEFORE USING**

Use NOLO BAIT when densities reach nine (9) or more grasshoppers per square metre.

Grasshoppers are most effectively suppressed when they are young. For best results apply NOLO BAIT when most grasshoppers are in the 3<sup>rd</sup> instar (12 to 19 mm long). Due to the nature of this product (i.e. microsporidial pathogen), efficacy may be affected by such factors as weather (e.g., rain following treatment, temperature), grasshopper population densities, and insect migration.

## **Crop and Rangeland**

Apply NOLO BAIT to crop and rangeland at a minimum rate of 1.12 kg per hectare. This product must be consumed by the target pest in order to be effective. Consumption of a higher number of spores per grasshopper will increase product efficacy and decrease the amount of time required to kill the grasshoppers. Therefore, where greater efficacy or faster population reduction is required, this may be achieved through multiple applications or a higher application rate in order to increase the amount of bait available to each grasshopper. Apply by hand, seed spreader, turbine spreader or airplane. Concentrate the application in areas of heaviest grasshopper infestation.

## **Aerial application**

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label. Label rates, conditions and precautions are product specific. Apply only at the approved rates on this label. Ensure uniform application by using appropriate marking devices and/or electronic tracking equipment.

Use Precautions: Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Operator Precautions: Do not allow the pilot to mix product to be loaded onto the aircraft.

Loading of premixed product with a closed system is permitted. It is desirable that the pilot has communication capabilities at each treatment site the time of application.

The field crew and the mixer/loaders must wear the personal protective equipment described in the PRECAUTIONS section of this label. All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

## **Disposal/Decontamination**

Do not contaminate water, food or feed by storage or disposal.

Follow provincial instruction for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for the further use. Dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency in case of a spill and for clean-up of spills.

### **Storage:**

Store product in original container in a cool, dry location (preferably at or below 20°C). Use within 13 weeks from the date of manufacture.

## **NOTICE TO USER:**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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