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JUL 25 1990

Mr. J. Allen Dunlap
Registration Manager
Loveland Industries, Inc.
P.O. Box 1289
Greeley, CO 80632-1289

Dear Mr. Dunlap:

Subject: Revised Confidential Statement of Formula
Dated June 7, 1989
Updated Labeling Submitted With Your Letter
Dated May 23, 1990
EPA Registration No. 36208-3

The labeling referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the following changes at the next printing of your label.

1. Replace "Bacillus thuringiensis, Berliner" with "Bacillus thuringiensis subspecies kurstaki."
2. Replace "25.0%" with "0.78%."
3. Delete the statements:

This product is exempt from the requirement of a tolerance on raw agricultural commodities when applied to growing crops or after harvest in accordance with good agricultural practices.

and

Loveland Industries, Inc. Top-Side Dipel is exempt from tolerance restrictions and

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CONCURRENCES

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The Confidential Statement of Formula (CSF) dated June 7, 1989 is not acceptable. Based on the manufacturing-use product used to formulate your product, the percent active ingredient in columns 14.a. and 14.b. of your CSF should be $(25.75\%) (.032) = 0.824\%$ and $(24.25) (.032) = 0.776\%$, respectively.

Please submit a corrected CSF.

Sincerely yours,

Phil Hutton
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Avoid contact with eyes. Wash thoroughly after use. Do not contaminate food, feed, or drinking water.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate when disposing of equipment washwater.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

STORAGE: Store in a safe manner. Store in original container only. Store in cool, dry place. Reduce stacking height where local conditions, such as humidity or pallet overhang, can effect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

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.

GENERAL INFORMATION

Loveland Industries Inc. TOP-SIDE DIPEL® is for the control and prevention of Almond Moth and Indian Meal Moth in stored grains, soybeans, sunflower seed, peanuts and crop seed. The dust formulation is applied as a top dressing/surface treatment or may be, if so desired, mixed through the entire mass of stored product.

This product is exempt from the requirement of a tolerance on raw agricultural commodities when applied to growing crops or after harvest in accordance with good agricultural practices.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 25 1990

Under the Federal Insecticide, Fungicide, and Rodenticide Act, amended, for the pest registered under EPA Reg.



SEED
MATE®

36208-3 **TOP-SIDE DIPEL®**

(*Bacillus thuringiensis*)

**FOR CONTROL & PREVENTION OF INDIAN MEAL MOTH & ALMOND
MOTH IN STORED GRAINS, SOYBEANS, SUNFLOWER SEED, PEANUTS,
& CROP SEED**

BIOLOGICAL INSECTICIDE

ACTIVE INGREDIENTS:

Bacillus thuringiensis, Berliner Potency of
4000 International Units per mg.

25.0%

INERT INGREDIENTS:

75.0%

TOTAL

100.0%

*Equivalent to potency of 1.815 Billion International Units per pounds of this product.

DUST FORMULATION

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.
EPA REG. NO. 36208-3 EPA EST. NO. 36208-CO-1

**NET WEIGHT: ☒ 12 x 4 LBS.
☐ 32 LBS.**

 Formulated For
**LOVELAND
INDUSTRIES INC.**
P.O. Box 1289 • Greeley, Colorado 80632-1289

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ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 25 1990

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
amended, for the pesticide
registered under EPA Reg. N



SEED
MATE

362083 **TOP-SIDE DIPEL®**

(*Bacillus thuringiensis*)

**FOR CONTROL & PREVENTION OF INDIAN MEAL MOTH & ALMOND
MOTH IN STORED GRAINS, SOYBEANS, SUNFLOWER SEED, PEANUTS,
& CROP SEED**

BIOLOGICAL INSECTICIDE

ACTIVE INGREDIENTS:	
<i>Bacillus thuringiensis</i> , Berliner Potency of 4000 International Units per mg.	25.0%
INERT INGREDIENTS:	75.0%
TOTAL	100.0%

*Equivalent to potency of 1.815 Billion International Units per pounds of this product.

PURIST FORMULATION

**KEEP OUT OF REACH OF CHILDREN
CAUTION**
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.
EPA REG. NO. 36208-3 EPA EST. NO. 36208-CO-1

**NET WEIGHT: ☐ 12 x 4 LBS.
☐ 32 LBS.**



Treatments can be applied to the stored agricultural products at any time. For best results, make application immediately after harvest before moth activity occurs. In areas where late fall harvested products are not subject to infestation because of low temperatures, application can be delayed until late winter or early spring before moth activity begins. Control for a full storage season should normally be expected, however repeat application if infestation recurs.

This treatment controls the moth larvae. If an infestation is present when the product is treated, moth emergence may continue for several days. If immediate control of severe infestations is desired, fumigation should be carried out where applicable and prior to treatment with TOP-SIDE DIPEL®.

Loveland Industries, Inc. TOP-SIDE DIPEL® is exempt from tolerance restrictions and the treated agricultural products can be used at any time after treatment for any use.

LOVELAND INDUSTRIES, INC. TOP-SIDE DIPEL® WILL NOT CONTROL WEEVILS OR OTHER BEETLES.

APPLICATION RATES

For top dressing/surface treatment: Apply TOP-SIDE DIPEL® to the surface at the rate of 4 lbs. per 500 square feet. Mix thoroughly with a scoop or rake to a depth of 2-3 inches. If more thorough coverage is desired, the dosage may be divided into three applications with mixing between applications.

For treatment of entire mass: Apply TOP-SIDE DIPEL® to the stored product at the rate of 30 lbs. per 1000 bushels. Apply the material such that it becomes thoroughly mixed.

For protection of bagged grains or other products: Apply TOP-SIDE DIPEL® at the rate of 30 lbs. per 1000 bushels. Mix thoroughly prior to bagging.

NOTICE

Loveland Industries Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of the product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Loveland Industries Inc. In no case shall Loveland Industries Inc. be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Loveland Industries Inc. makes no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

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