

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

300/354084  
17/1

OCT 27 1989

Mr. Ray LeSieur  
Golden Sun Products, Inc.  
Highway 4 South  
P.O. Box 517  
Estherville, IA 51334

Dear Mr. LeSieur:

Subject: Tetrachlorvinphos Registration Standard  
Hi Phos "12" Larvi-Ban  
EPA Registration No. 12714-3  
Your Letters Dated January 17 and August 24, 1989

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable, provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling.

1. Please align ACTIVE, TETRACHLORVINPHOS, and LARVI-BAN in the ingredients statement.
2. You may delete the statement regarding use of manure droppings. The Agency has determined that this statement is not appropriate for product labels.

**BEST AVAILABLE COPY**

55378:I:CR-44:Herbert:LR-5:KENCO:10/15/89:12/05/89:de:VO:CL

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure

NET WEIGHT DECLARED ON BAG



To prevent the development of Horn Flies, Face Flies, House Flies and Stable Flies in the manure of treated cattle and those flies in the manure of treated swine.

ACTIVE INGREDIENT BY WEIGHT

Tetrachlorvinphos: 2-chloro-1-(2,4,5-trichlorophenyl) vinyl dimethyl phosphate . . . . .	1.79%*
INERT INGREDIENTS . . . . .	98.21%**
TOTAL	100.00%

\* Each pound contains 8.1 g Rabon.  
\*\* Refers only to ingredients which are not larvicidal.

GUARANTEED ANALYSIS

Calcium (Ca) . . . . .	Maximum 13.0%	Minimum 11.0%
Phosphorus (P), not less than . . . . .		12.0%
Salt (NaCl) . . . . .	Maximum 9.0%	Minimum 7.5%
Iodine (I) not less than . . . . .		0.007%
Zinc (Zn) not less than . . . . .		0.065%
Cobalt (Co) not less than . . . . .		0.0034%
Vitamin A, USP Units per lb. . . . .		50,000
Vitamin D, USP Units per lb. . . . .		10,000

INGREDIENTS: Di-calcium phosphate, monoammonium phosphate, calcium carbonate, salt, corn distillers dried grains, ferrous sulphate, copper sulphate, manganous oxide, zinc oxide, cobalt carbonate, magnesium sulphate, potassium sulphate, cane molasses, anise molasses flavor, iron oxide, ethylene diamine dihydriodide, vitamin A palmitate and vitamin D3 supplement.



Keep out of reach of children. Harmful if swallowed. Avoid contact with skin and eyes. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating or smoking. If in eyes, wash with plenty of water. If irritation persists, get medical attention. Wear long-sleeved shirt and pants; chemical resistant gloves; shoes and socks for protection when handling.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not contaminate water when disposing of equipment wash water.

Do not use manure/droppings on land where food crops are to be grown during the current growing season.

Manufactured by  
**GOLDEN SUN FEEDS, INC.**  
Central Office, Estersville, Iowa 54334



EPA Reg. No. 12714-3  
EPA Est. No. 12714

IA-1 IA-2 IA-3 NB 1 SD-1

# GOLDEN SUN FEEDS Hi Phos "12" Larvi-Ban

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product inconsistent with this labeling.

Golden Sun Feeds Hi Phos "12" Larvi-Ban may be fed to and to lactating dairy cows.

Start feeding Golden Sun Feeds Hi Phos "12" Larvi-Ban before flies begin to appear and continue feed through the summer into the fall until cold weather restricts fly activity. In some cases, supplemental fly control measures may be used around the area to control adult flies which move into areas or which breed on decaying vegetable matter on premises.

In order to achieve optimum fly control, Golden Sun Feeds Hi Phos "12" Larvi-Ban should be used in conjunction with management and sanitation practices.

### CATTLE:

Golden Sun Hi Phos "12" Larvi-Ban prevents the development of horn flies, face flies, house flies and stable flies in treated cattle, but is not effective against existing adult flies. Start a feeding program during the fly season, and use other control measures to reduce the population of adult flies.

Feed Golden Sun Feeds Hi Phos "12" Larvi-Ban at a rate of 1 ounce per 750 pounds of body weight per head per day into the ground grain or complete daily ration.

### SWINE:

No pre-slaughter withholding period is required.

All swine should be treated. Golden Sun Feeds Hi Phos "12" Larvi-Ban prevents development of house flies in the manure of swine but is not effective against existing adult flies.

PIGS (weaners to market weight): Mix 5.64 lbs. of Golden Sun Feeds Hi Phos "12" Larvi-Ban per ton of meat type feed free choice. This is equivalent to 22.7 mgs. of Rabon per ton of feed.

SOWS, BOARS AND BREEDING GILTS: Mix 11.25 lbs. of Golden Sun Feeds Hi Phos "12" Larvi-Ban per ton of meal type feed offer 4-6 lbs. of feed per animal per day. This is equivalent to 22.7 mgs. of Rabon per lb. of feed.

NOTICE OF WARRANTY: Golden Sun Feeds, Inc. warrants the merchantability, fitness for any purpose expressed or implied, concerning this product or its use beyond the use of the product under normal conditions with the statements made on this label.

## STORAGE AND DISPOSAL

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

Storage: Store in a dry place in original container.

Disposal: Completely empty container into applicator equipment. Then dispose of empty bag in a sanitary incineration or if allowed, by State and local authorities, burn, stay out of reach. Wastes resulting from use may be disposed of on site or at an approved waste disposal site.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT 27

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

12714-3

