US ERA ARCHIVE DOCUMENT





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

DEFICE OF PESTICIDES AND TOXIC SUBSTANCES

May 13, 1987

MEMORANDUM

SUBJECT: Transmission of RS FRSTR Chemical Terbufos DRAFT Index Entry

TO: ADDRESSES

A copy each of the insecticide/nematicide <u>draft</u> Index entry (single active ingredient products only; there are no multiple active ingredient products registered) and the auxiliary documentation for the RS FRSTR chemical terbufos (105001) is attached for your organization's use and retention. Please note that the use patterns (sites) are grouped under the nine major groupings as defined in Part 158 of the Guidelines. It is important that the auxiliary documentation is read first.

Any questions regarding content should be directed to our entomologist David Brassard (557-3692) or our plant pathologist Dean Hansen (557-1629.

Phyllis L. Johnson
Project Officer, Index
Science Support Branch

Benefits and Use Division (TS-768-C)

ADDRESSES: Dr. E. David Thomas, Chief

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Attachment

cc: A. Aspelin

- H. Harrison
- D. Brassard
- A. Beloian
- D. Hansen

NOTE TO EPA INDEX ENTRY USERS

This "Index" entry was prepared at the beginning of Phase I in the Registration Standard process. The information contained within this document is only as current as the issue date indicates and may be different from information presented in the Registration Standard Guidance Package.

This "Index" will be updated upon receipt of the Registration Standard Guidance Document and the updated version will be included in the final Registration Standard Guidance Document.

TERBUFOS

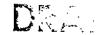
JAI/SAI 105001

TABLE OF CONTENTS

Site Name	Page
0 5	_
Corn, Field	2
Corn, Pop	3
Corn, Sweet	3
Supar Beets	5
*	

& Gram roughum to be odded as per Theme convenation with D Brasnard 8/24/8?

- F



6105001

TERBUFOS*

TYPE PESTICIDE: Insecticide, Acaricide, Nematicide

FORMULATIONS: Tech (85%) G (15%)

GENERAL WARNINGS AND LIMITATIONS:

Bee Caution: This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Agricultural Crop Tolerances (other than those listed in the text):

Sorghum, grain 0.05 ppm Sorghum, fooder 0.5 ppm Sorghum, forage 0.5 ppm

Definition of Terms:

Claims for gest control limited to suppression of population are indicated by garenthesized name.

lssued: 1-12-87

111-105001-1

^{*}S-[[(1,1-dimethylethyl)thio]methyl] 0,0-diethyl phosphorodithioate S-[(tert-butylthio)methyl] 0,0-diethyl phosphorodithioate





Si**te** and Pest

<u>Dosages and Tolerance, Use, Limitations</u>
Formulation(s)

TERRESTRIAL FOOD CROP

(Agricultural Crops)

<u>General Warnings and Limitations</u>: Cover granules that may be exposed on the ends of the treated rows and turns, and loading areas by deep discing after treating fields. For row applications, the amount applied per acre varies according to row width.

/28006AA	Corn, Field		0.05 ppm (corn, grain) 0.5 ppm (corn, field, fodder, forage) 45 day preharvest/pregrazing interval through 1 pound per acre for broadcast application (postemergence). 7 pay reentry interval through 1 pound per acre for broadcast application (postemergence). Do not make more than 2 applications per season. Do not make more than 1 application per season if more than 1.3 gounds per acre were applied at planting or if a cultivation application was made.
ITBMCCC	European corn borer (first or second generation)	[SLN] 1 1b/A (15% G) NE830012	SLN - Use limited to IA and NE. Postemergent soil application. May be applied by aircraft. Broadcast granules over the tops of the plants prior to denting.
ILAVANA	Banks orass mite	[SLN] 1 1b/A (15% G) NE830012	SLN - Use limited to NE and NM. Postemergent soil application. May be applied by aircraft. Broadcast granules over the tops of the plants prior to denting.
ILAVAAA	Spider mites	[SLN] 1 16/A (15% G) IA850001	SLN - Use limited to IA. Postemergent soil application. Broadcast granules over the tops of the plants prior to denting. May be applied by aircraft.

Issued: 1-12-87 1II-105001-2

5



TERBUFOS

Site and Pest

Dosages and Tolerance, Use, Limitations Formulation(s)

Corn. Field (continued)

NEJEBAA

Lesion nema-

todes

ft row (15% G) IL790014 SLN - Use limited to IL.

1.2 oz/1,000 Soil application at planting (in furrow). Place granules directly in the seed furrow behind the

planter shoe.

[SLN] 1.2-2.4 oz/

(15% G) IL790014

SLN - Use limited to IL. Soil application at planting 1,000 ft row (band). Place granules in a 7 inch band directly behind the planter shoe in front of the press wheel.

Refer to Corn, Pop cluster for additional use. tolerance and limitation information.

/15004AA /15005AA /28006AA

Corm. Pop Corn. Sweet 0.05 ppm (corn, brain)

(corn, sweet (K+CWHR))

0.5 ppm (corn, field, fodder. forage) (corn, pop, fodder, for-

age) (corn, sweet, fodder. forage)

30 day preharvest interval for 🥕 fodder and pregrazing interval through 2.4 ounces per 1,000 feet of row for banded soil application (at planting or postemerdent). Do not make more than : postemergent treatment in addition to at planting time.treatments.

INAMBHA

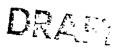
Corn rootworms

1.2 oz/1,000 ft row

(15% G)

Soil application at planting (band or in furrow). Apply a 7 inch band directly behind the planter shoe in front of the press wheel or apply directly in the seed furrow behind the planter shoe.

Postemergent soil application at cultivation (band). Apply to base of plants just ahead of cultivation shovels to ensure coverage of granules. May be applied in addition to treatment at planting.



TERBUFOS

	<u>Site and Pest</u>	Dosages and <u>lolerance</u> , Use, Cimitations Formulation(s)				
	<u>Corm, Pop</u> cluster	(continued)				
IJDAABA	Garden symphy- lan	1.2-2.4 oz/ 1,000 ft now	Soil application at planting (band). Apply a 7 inch band di-			
INASDXA INASDWA	Maize billoug Southern corn	(15% G)	rectly benind the planter shoe in front of the press wheel. Label-			
INAVAAA	billoug Wireworms		ing claims control of <u>garpen sym</u> <u>pnylans</u> for up to 90 days.			
		1.2 oz/1,000 ft row (15% 6)	Soil application at planting (in furrow). Apply directly in the seed furrow benind the planter shoe. Labeling claims control of garpen symphylans for up to 90 days.			
INASDXA INASDWA	Maize billbug Southern corn billbug	1.8-2.4 oz/ 1,000 ft row (15% G)	Postemergent soil application (band). Apply a 7 inch band over the seedlings and incorporate lightly into the soil with cultivator. Apply when pest or damage appears (usually 1 to 6 leaf stage). May be used in addition to treatment at planting. Consult State Extension Service or certified pest management specialist.			
IOACAHA	Seedcorn maggot	1.2 oz/1,000 ft row (15% G)	Soil application at planting (in furrow). Apply directly in the seed furrow behind the planter shoe.			
INBPAAR	(White grubs)	2.4 oz/1,000 ft row (15% G)	Soil application at planting (band). Apply a 7 inch band di- rectly behind the planter shoe in front of the press wheel.			

UKART

TERBUFOS

	<u>Site and Pest</u>	<u>Dosages and</u> Formulation(s)	<u>Tolerance, Use, Limitations</u>
√28 0±0AA	<u>Sogar Keets</u>		0.05 ppm (roots) 0.1 ppm (tops) Banded soil application (at plant- ing time or postemergent) through 1.35 ounces per 1,000 feet of row. Do not make more than 1 ap- olication during the year.
IOAXACA	Sugarbeet root maggot	0.675-1.35 oz/1,000 ft row (15% G) 000241-00238	Soil application at planting (band). Apply a 5 to 7 inch bard over the row and incorporate lightly into the soil not to exceed 2 inches deep. Power incorporation equipment may be used. Do not place granules in direct contact with the seed. Postemergent soil application (band). Apply a 5 to 7 inch band over the seedlings at first sign of fly emergence. Incorporate lightly into the soil.
NEFBCBB	(Sugarbeet cyst nematode)	[SLN] 2.7 oz/1,000 ft row (15% G) OR860003	SLN - Use limited to OR. Soil application at planting (knifed in). Drill granules 2 inches to the side of the seed and 2 to 4 inches below the seec. Do not apply at rates higher than 4.35 pounds per acre. Do not place granules in direct contact with the seed as crop injury may occur. Do not make more than I application during the year.

AERIAL. MOTHPROOFING, AND TANK MIX APPLICATION

9001500 8888888 <u>Aerial Application</u>

- Refer to

TERRESTRIAL FOOD CROP (Aoricultural Crops)

Corn, Field

Issued: 1-12-87 III-105001-5

TERBUFOS

Listing of Registered Pesticide Products by Formulation

&085.000. <u>85% technical chemical</u>

teroufos (105001) 000241-00241*

*jacket currently unavailable for review

&015.0004 15% pranular

terbufos (105001) 000241-00238

(000241-00238) DR860003 IA850001 NE830012 NM860001 IL790014

TERBUFOS



Auxiliary Documentation

NPIRS lists laber number 000241-00238 as having sorgnum as a site. This ladel has no such site. Tolerances for sorgnum are listed.

Issued: 1-12-87 III-105001-a



Chem. Name: TEF Guf-05

Date: Fel 1/87

Chem No.: 105 001

Product Total from Printout 2 + 85LN=10

Total	Total	Number	Number	
Jackets Requested	Received	Used	Not Used	
10	.9	9	4	

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	Reg. #	PM!	RB	Date Requested	Recd	N/A	Fiche Copy Date	Not Used	Comments
1	241-238	16		1/7/87	1				
2	241-241	16				/		V	Tech Clay .
3	1485000100				V.				
4	OR -860003				V				-
5	Nm - 86001				1				
6	NE 830012				. /				·
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8	MT 850003					V			Country OR-9600.
9	W 850001					V	•	Ź	
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