



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

A N L

6/1/81

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

SUBJECT: Request for Estimated Environmental Concentration(s)
and Fate Data For:

Temik 15G *

Temik 10G *

FROM: Chief, Ecological Effects Branch

TO: Chief, Environmental Fate Branch

The Registration Division (RD) has requested that the Ecological Effects Branch (EEB) Review Temik 15G and Temik 10G for use on Sorghum, Citrus (lemons, limes, grapefruit) tomatoes (field + greenhouse). The product name(s) and Registration number(s) are: 264-330, 264-331.

In order to complete this review EEB requires (an) Estimated Environmental Concentration(s) (EEC's) from the Environmental Fate Branch (EFB) for the parent compound(s) (and major degradates/metabolites, when appropriate). Specifically, EEB requires the following data for the proposed pesticide(s):

A. Estimated Environmental Concentration(s)

1. EEC's in Water

EEC's for the parent compound(s) (and major degradates/metabolites, when appropriate) in the following aquatic sites likely to be exposed to application(s) of the pesticide(s), and determination of the extent and duration (including frequency of occurrence) of such EEC's for the scenario(s) checked below:

a. Lentic Situation(s)

(1) Standard scenario for Citrus use
pattern (reference attached).

X

(2) Other scenario (reference attached).

X

SEE attached reference for Sorghum

* - Labels attached.

b. Lotic Situations(s)

(1) Stream (5m width, 0.75m depth, 10 CFS flow rate). X

(2) River (100m width, 3m depth, 1000 CFS flow rate). X

(3) Other scenario (reference attached).

c. Special Situation(s)

(Reference attached).

2. EEC's in Hydrosol

Estimated residues for the parent compound(s) (and major degradates/metabolites, when appropriate) in hydrosols associated with the aquatic sites of 1(a), (b) and/or (c) above. Also, determination of extent and duration (including frequency of occurrence) of such residue(s) and identification of composition of hydrosol. X

~~3.~~ Estimated Residues in Terrestrial Environment

a. Estimated foliar residue(s) for the parent compound(s) (and major degradates/metabolites, when appropriate) in/on the following mammalian or avian food items likely to be exposed to direct application(s) of the pesticides(s), and determination of the extent and duration (including frequency of occurrence) of such residues.

i.	Short Grasses	<u>X</u>
ii.	Long Grasses	<u>X</u>
iii.	Leaves and Leafy Items	<u>X</u>
iv.	Dense Foliage	<u>X</u>
v.	Pods Containing Seeds	<u>X</u>
vi.	Grain and Seeds	<u>X</u>
vii.	Fruit	<u>X</u>
viii.	Nuts	<u>X</u>
ix.	Insects	<u>X</u>

~~b.~~ Soil Residues

Estimated residue(s) for the parent compound(s) (and major degradates/metabolites, when appropriate) in soils found under typical use situations.

0.1 Inch Soil Depth	<u>X</u>
1.0 Inch Soil Depth	<u> </u>
1.1-3.0 Inch Soil Depth	<u> </u>
>3.0 Inch Soil Depth	<u> </u>

B. Pertinent environmental fate information needing clarification
in relation to the EEC include: X

C. Estimated environmental mobility (i.e., terrestrial movement,
volatility, etc.) X

D. Estimated bioaccumulation potential _____

In closing, note that EEB began review on 6/1/81 and expects to complete
the review by approximately 7/3/81. Your projected completion date is
requested to permit any needed amendment to our projected completion date.
The proposed label(s) is (are) attached. Please return your completed
review to D. J. Boush / R. Hitch / Bowen of EEB.

for Clayton Bushong

75651
telephone 557-0596. Please call and I will
Pick up Review personally.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: 10/1/81
SUBJECT: Final Aquatic EEC Scenario for Pesticide Application to Florida Citrus

FROM: Fishery Biologist, Section #2, Ecological Effects Branch

TO: All EEB Scientists and EEP Section #1 Scientists

Norm J. Cook, Head, Section #2, EEB

Clayton Bushong, Chief, EEB

Willa Garner, Head, Section #1, EEP

Following the Ecological Effects Branch (EEB) and Ecological Effects Branch (EEB) review of the 4-20-81 proposed scenario, the calculation of estimated environmental concentrations (EECs) in aquatic habitats resulting from pesticide applications to citrus fruit, the following assumptions have been adopted and should be used for all future calculations:

- (a) The basin size was 1.0 acre, including the pond.
- (b) The pond was 10 feet deep and 1.0 acre in surface area.
- (c) The runoff input was difficult to estimate. The standard Wauchop reference gives no standard for slope and is essentially flat terrain.
 - (1) One value chosen from a study with endrin on a 0.2% slope and 3 cm runoff was 0.19% runoff of pesticide accompanying 1 inch of water runoff (scenario 1).
 - (2) In addition, these sites are tile-drained and EEP has little data to judge leaching or runoff except for a calculated K_p using an approximate water solubility. A worst case assumes that 50% of the chemical reaches the pond accompanying 5" of rainfall via the tile system or open irrigation systems (a worst-case runoff situation) (scenario 2).

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE:

SUBJECT: Interim Aquatic EEC Scenario for Pesticide Application to
Nebraska Sorghum

FROM: Fish and Wildlife Biologist
Ecological Effects Branch, HED

TO: Willa Garner, Head, Section #1
Environmental Fate Branch, HED

THRU: Les Touart, EEC Coordinator
Ecological Effects Branch, HED

The Ecological Effects Branch (EEB) proposes the following interim scenario for calculation of estimated environmental concentrations (EEC's) in aquatic habitats resulting from pesticide applications to Sorghum. The following assumptions have been made, and should be used for all such EEC calculations:

- (a) The basin size was 200 acres (including the pond).
- (b) The pond was 10 feet deep and 2 acres in surface area.
- (c) Runoff was estimated to be 1.5 inches or 5.5 percent of annual precipitation (27 inches/year) based upon watershed data collected by Soil Conservation Service, Dee Creek Survey.
- (d) Terrain was rolling (8 to 10 degrees slope).
- (e) Field size range from 20 to 120 acres (average = 40 acres).
- (f) Approximately 6.5 % of Nebraska's total sorghum acreage (ca. 1,902,000) is irrigated.

CARBIDE

TEMIK

ALDICARB PESTICIDE

Active Ingredient	Aldicarb [2-methyl-2-(methylthio) propionaldehyde O-(methylcarbamoyl)oxime]	15%
Inert Ingredients		85%
EPA REG. NO. 264-330		EPA EST. 10350-GA-1

ACCEPTED

JAN 22 1981

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 264-334



KEEP OUT OF REACH OF CHILDREN

DANGER POISON

HAZARDS TO HUMANS
AND DOMESTIC ANIMALS

POISONOUS IF SWALLOWED MAY BE IRRITANT OR HARMFUL BY SKIN OR EYE CONTACT OR BY BREATHING DUSTS RAPIDLY ABSORBED BY SKIN OR BY EYES. DEVOID OF IRRITANT SKIN OR EYES. DANGEROUS IF INGESTED IS A TROPIC SULFATE. SEE STATEMENT OF HEALTH, SAFETY AND OTHER DETAILS CONTAINED IN THIS PACKAGE. READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT.

WEAR, EMO, SEELED CLOTHING AND PROTECTIVE GLOVES WHEN HANDLING WASH MANGS; AVOID EYE, EARS, LUNG, OR SMOKING BATHS AT THE FILLER; AVOID EYE WASHING, EATING, DRINKING, AND SEX WITH SORE AND AVOID CHANGE CONTAINERS, EATING, DRINKING, AND SEX. MINSTRING WASHING SOLUTION AND RINSE THON DURING THE USE OF THE

SYMPTOMS OF POISONING

[illegible]

ENVIRONMENTAL HAZARDS

TOXIC TO FISH, BIRDS, AND WILDLIFE. The
EPA has found that the water in the
lakes may be contaminated with
the same toxic substances that
have been found in the
lakes. The EPA has found that the
water in the lakes is contaminated
with the same toxic substances that
have been found in the lakes.

STATEMENT OF PRACTICAL TREATMENT

ANTIDOTE

ANILINOL & Anilino Sulfide

FIRST AID TREATMENT

Physicians are required to disclose to their patients as agreed on the basis of the relevant medical ethics guidelines if poisoning have occurred. This is not related to a physician or hospital who have not been given any information and/or if the patient is not a patient. It is not a requirement to disclose information about the patient's health status to the patient's family or to the patient's employer.

TABLE 1. SURFACE ENERGY COMPONENTS FOR POLYMER FILMS. The values are calculated from the contact angles of water and diiodomethane on the polymer surfaces. The values are given in mJ/m².

IN CASE OF SWALLERED FOOD: 1. IF 2 GLASSES OF WATER AND INDUCE VOMITING BY DRINKING THE WATER WITH 1 TSP. OF BAKING SODA. 2. DO NOT INDUCE VOMITING UNLESS YOU ARE SURE THAT NOTHING IS IN THE STOMACH. 3. IF UNCONSCIOUS, TREAT FOR POISONING.

INFORMATION FOR PHYSICIAN

1. **Sample** - People who are interviewed in a survey. In a survey, the total population of individuals is divided into groups, and the total number of individuals in each group is known. The sample is a subset of the total population. The sample size is the number of individuals in the sample. The sample size is determined by the researcher. The sample size is usually a small fraction of the total population. The sample size is usually determined by the researcher. The sample size is usually a small fraction of the total population. The sample size is usually determined by the researcher.

IN CASE OF EMERGENCY PHONE COLLECT
(24 HOURS A DAY) IN U.S.A. (301) 744-3487

STORAGE AND DISPOSAL

STORAGE AND DISPOSAL: STORES AND STORAGE CONTAINERS CONTAINING ONLY FERTILIZER AND/OR ANIMAL WASTE ARE NOT TO BE USED FOR ANY OTHER PURPOSES. FERTILIZER AND ANIMAL WASTE SHOULD BE STORED IN OR AROUND THE HOME OR HOME GARDEN IN A CONTAINER WITH A LID COVERED BY STORAGE OR DISPOSAL. FOR INFORMATION, SEE PAGE 10.

* DO NOT PLANT ANY OTHER PLANTS IN THE FISHBOWL. ONLY ONE PLANT IS REQUIRED. LIST OF PLANTS OR SPECIES OF PLANTS WHICH DO NOT REQUIRE JUST OVER-PLANTING BUT ANY SMALL SPECIES ARE IDEAL. FISH AT LEAST 16 INCHES OLD IN SOIL ISOLATION FROM WATER SUPPLIES AND OTHER PLANTS.

DO NOT USE PLASTIC CONTAINERS IN AN APPROVED OPEN BURNER OR LAMP. NEVER REUSE EMPTY CONTAINER.
CONSULT WITH A STATE OFFICIAL, SUSANAL AUTHORITY, OR APPROVED ALTERNATIVE PRACTICES SUCH AS LINED OPEN BURN
OR STAYAWAY FROM OUTDOOR BURNING. UN-CONTACT SWAMP.

IN CASE OF A TRANSPORTATION OR WAREHOUSE EMERGENCY INVOLVING A SPILL FIRE OR EXPOSURE CALL 202/671-1004/1-800-442-3463
TWENTY FOUR HOURS A DAY IN THE USA

LIMITED WARRANTY AND DISCLAIMER

THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. IT IS THE POLICY OF THE NATIONAL ARCHIVES TO MAKE ALL INFORMATION CONTAINED HEREIN AVAILABLE TO THE PUBLIC, UNLESS IT IS DETERMINED THAT DISCLOSURE OF THE INFORMATION WOULD BE DETRIMENTAL TO THE NATIONAL DEFENSE. AUTHORITY: 50 U.S.C. 3024. DATE OF REVIEW: 10/15/2010. REVIEWER: [REDACTED]

[illegible]

UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.
7825 BAYMEADOWS WAY, JACKSONVILLE, FLORIDA 32216

Received 1994.05.06

UCC 3719-43301NO

UCC 1719-4321ND

**NET WT.
30 LBS.**



GENERAL DIRECTIONS FOR USE

GENERAL INFORMATION

GENERAL INFORMATION

GENERAL CAUTIONS

[illegible]

解法一 由题设知, 当 $x \rightarrow 0$ 时, $\frac{1}{x} \ln \frac{1}{x} \rightarrow 0$, 故 $\lim_{x \rightarrow 0} \frac{1}{x} \ln \frac{1}{x} = 0$. 从而

in 1950 - 51 irrigation within one week. If alternate furrows are irrigated after side dress application, the 27 inch and water must be on the same side of the plant row.

[illegible]

1. *How many of the following are true?*

COMPATIBILITY

1. The first step is to identify the problem. In this case, the problem is that the system is not working properly.

DIRECTIONS FOR USE AND RECOMMENDED APPLICATIONS

INSTRUCTIONS FOR USE AND MAINTENANCE OF THE

FOR CONTROL OF CERTAIN INSECTS, MITES AND NEMATODES

PRE-HARVEST AND GRAZING USE INFORMATION AND LIMITATIONS

উদ্ভিদ-পরিবেশের মিথস্ক্রিয়া

COTTONSEED

- Do not make more than one planting adjustment and use only emergence calculation per crop
- Do not apply within 60 days of harvest

FEANUTS

- () not less than 10% of application fee
- () not less than 10% of cost of application
- () not less than 10% of cost of application
- () not less than 10% of cost of application

POTATOES

1. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ 1/4 of the population is 1/4 of the population.
 2. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ 1/4 of the population is 1/4 of the population.
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 4. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ 1/4 of the population is 1/4 of the population.
 5. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ 1/4 of the population is 1/4 of the population.

SUGAR BEETS

[illegible]

SUGARCANE AND SWEET POTATOES

- Do not make more than one application per crop
- Do not harvest within 120 days of application
- Do not feed to water cattle within 30 days

ORANGES

1 (X) will make more than one application per year

DATE BLANK
50, 400, 400, 400

- a. In, not near, water for large of association
- b. In the heart of open landscape, as to show to landscape
- c. In wet near green fields as land for humans

2005-11-15

SOYBEANS

■ *Chrysomelidae* 13

PECANS

- Do not make more than one application per year
- Do not allow livestock to graze in treated areas
- Do not harvest leaves or hay from treated areas

OTHER CROPS

• Do not plant any crop not listed on this label in the treated area within 150 days after last application.

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MEET AND SILENCE

UC#-1215-43301NO

Added to Use Directions for Cotton, Peanuts, Sugar Beets, Potatoes and
In Louisiana only, Sugarcane and Sweet Potatoes as on TMH 152 Granular
Aldicarb Pesticide label MCC 1/15/90 30 lb. bag. Each Panel

Crop & Time of Application	Insects Controlled	Pounds/Acre	Ounces/1000 Feet of Row	Recommended Application
Sorghum		18 to 40 inch row spacing		Apply granules in seed furrow and cover with soil.
At-planting	Insects	3.5 to 7.0 (based on 36 inch row spacing).	4.0 to 7.5	

1/ Pre-harvest and grazing use information and limitations

Sorghum

- Do not make more than one application per crop
- Do not harvest within 90 days of application
- Do not feed green forage or hay to livestock

This information will appear on the back panel of
TMH 152 granular aldicarb pesticide 30 lb. bag.

Added to the Directions for Cutworm, Grubs, Sugar Beets, Potatoes and Irish Potatoes Only, Sugarcane and Sweet Potatoes as on TEWIS 150 granular Aldicarb Pesticide label (Section 20 to 25: Back Panel)

Time of Application	Pests Controlled	Pounds/Acre	Conc./1000 feet of row	Recommended Application
Stages (Field Grow)		54 to 74 inch row spacing		
Prior to or at time of transplanting or seedling.	Root-knot nematode	14 to 27 (Based on 64 inch row spacing)	27 to 54.5	Apply granules uniformly in a 12 to 18 inch band over the row. Disk or till thoroughly to a depth of 2 to 3 inches. Plant crop in usual manner into treated zone.
		20 to 27 pounds	Not applicable	Where plastic mulch is used apply granules as over-all broadcast. Disk or till thoroughly to a depth of 3 to 4 inches (6 inches if deep tilling is used). Form plant bed by pulling soil from middles. Plant crop in usual manner into treated zone.
Stages (Greenhouse)	Aphids Colorado potato beetle	7 to 20 (Based on 60 inch row spacing)	13 to 37	Urtill granules 1 to 2 inches below seed line or transplant line and cover with soil. If rate exceeds 7 pounds per acre apply granules sideways 4 to 5 inches from seed or transplants on one or both sides of plant row and 3 to 4 inch deep. OR Apply granules uniformly in a 12 to 18 inch band over the row. Disk or till thoroughly to a depth of 2 to 3 inches and plant crop in usual manner into treated zone.
		20 to 27 pounds	Quince/1000 sq. feet of Plant Bed 7 to 10	Apply granules as overall broadcast to plant beds and thoroughly work or water into the soil. Wash off granules adhering to foliage.

1/ Pre-harvest and grazing use information and limitations.

FOR OFFICIAL USE ONLY

**FOR CONTROL
OF CERTAIN
INSECTS, MITES
AND NEMATODES**

[illegible]

ACCEPTED

JAN 22 1981

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for two pesticide registered under EPA Reg. No. *264-331*

NET WT. SOLES.

**CONTAINS 2x25 LB. BAGS
P 84183**

12-10-50
EPA/CPPIC

10% GRANULAR

Active ingredients:
Iron, Ingot, Irons.
EPA Reg No 204-13

10%
90%
EPA Est NO 10352-GA-01

KEEP OUT OF REACH OF CHILDREN
DANGER POISON

POISONOUS IF SWALLOWED. MAY BE FATAL. CONTACT OR BY INHALATION. EYE CONTACT OR BY BREATHING DUST RAPIDLY ABSORBED THROUGH SKIN OR MUCOUS MEMBRANES. DO NOT CREATE DUST. ANTIDOTE IS AIR. READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT.

LIMITED WARRANTY AND DISCLAIMER

LIMITED WARRANTY AND DISCLAIMER

2. The warranty is not applicable to any product that has been modified, altered, repaired, or used in a manner not intended by the manufacturer. The warranty is also void if the product is used in a manner not intended by the manufacturer.

3. BUYER'S REMEDY: In the event of a defective product, the Seller shall, at its option, either (a) replace the defective product with a new product of the same type and quality, or (b) refund the purchase price for the defective product. The Seller shall be responsible for the cost of return shipping of the defective product to the Seller.

7825 BAYMEADOWS WAY, JACKSONVILLE, FLORIDA 32216
 UNION CARBIDE AGRICULTURAL PRODUCTS COMPANY, INC.
 SOUTH U.S.A. URG-2401-1125NO

LEWIS & CLARK



TEMIK 10% GRANULAR

ALDICARB PESTICIDE FOR AGRICULTURAL USE

DIRECTIONS FOR USE AND RECOMMENDED APPLICATIONS

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. To provide maximum performance and to minimize hazard to birds, work granules into or cover with soil to a depth of 2 inches or more. Deep disc any spots at row ends immediately to prevent birds from feeding on granules.

FOR CONTROL OF CERTAIN INSECTS, MITES AND NEMATODES

(SEE BACK AND END PANELS FOR ADDITIONAL USE DIRECTIONS AND LIMITATIONS)

Crop & Time of Application	Pests Controlled	Pounds Acre	Ounces 1000 ft. of row	Recommended Application
SOYBEANS				
At Planting	Mexican bean beetle	5 to 15 (Based on 35 inch row spacing)	6 to 16	Disc granules 2 to 3 inches back and 2 to 3 inches deep OR Granules can be placed in seed furrow if rate does not exceed 7.5 pounds per acre
	Nematodes	15 to 30 (Based on 35 inch row spacing)	16 to 32	Apply granules in a 6 to 3 inch band and work into soil to a depth of 2 to 4 inches. Plow area in treated zone
PECANS				
15 Southern states Young trees During period from bud break to nut set, or about April 15 to May 15	Spiny mites	50-800	Not applicable	Apply as a 4-6 foot band along drip line on both sides of tree row by spreading granules uniformly and immediately working into soil OR by banding 2-3 inches into soil on 15 inch centers
One to two weeks before bud break	Spiny mites			
Newly transplanted trees 1-5 years old During period of bud break, or about April 15 to May 15	Aphids	8-32	Not applicable	Apply as a side-dress to individual trees by spreading the granules uniformly around the tree and immediately working into the soil to a depth of 2-3 inches
One to two weeks before bud break	Spiny mites			

UCC-2-07-41253ND

RECEIVED
12-10-80
EPA/OPP/RD



TEMIK 10% GRANULAR

ALDICARB PESTICIDE FOR AGRICULTURAL USE

GENERAL DIRECTIONS FOR USE

GENERAL INFORMATION

(See Back and End Panels For Crop Use Directions)

TEMIK 10% Aldicarb Pesticide for Agricultural Use controls certain insects, mites and nematodes. When applied into moist soil at planting and/or post-emergence the active ingredient is rapidly absorbed by roots and translocated throughout all parts of the plant. Control often lasts more than six weeks, varying with growing conditions. Rate of use and pests. Crop yields are usually increased with treatments of TEMIK 10% Aldicarb Pesticide For Agricultural Use.

GENERAL CAUTIONS

Use TEMIK 10% Aldicarb Pesticide For Agricultural Use only in accordance with label directions, warnings and cautions. Do not use on any crop not listed on this label. As any residues remaining may be illegal or harmful. DO NOT STORE OR USE IN OR AROUND THE HOME OR HOME GARDEN.

Use high rate on heavy organic or clay soils. Do not overapply. Treatments in excess of 10 pounds per acre made directly in the seed furrow of cotton or sugar beets, and 7.5 pounds per acre of soybeans or dry beans may delay emergence and plant stand.

Make side-dress applications close enough to plants to allow good uptake by the roots without injury to the plants from root pruning. In irrigated areas follow application with irrigation within one week. If alternate furrows are irrigated after side-dress application, the TEMIK and water must be on the same side of the plant row.

Calibrate and adjust application equipment to insure proper rate and accurate placement. Clean application equipment thoroughly after use. Bury any excess material in soil (see instructions on TOP PANEL of this carton for DISPOSAL: IF SPILLED OR EXCESS TEMIK and EMPTY CONTAINERS).

Deep disc any spills at once and immediately to prevent birds from feeding on exposed granules.

DO NOT APPLY THIS PRODUCT IN SUFFOLK COUNTY, LONG ISLAND, NEW YORK, USA.

COMPATIBILITY

Postsoil activity of TEMIK 10% Aldicarb Pesticide is not affected by normal applications of fertilizers or other pesticides. It may be reduced or lost if applied with alkaline materials such as lime. To minimize potential exposure hazards, do not mix TEMIK Aldicarb Pesticide with other materials before application.

PRE-HARVEST AND GRAZING USE

INFORMATION AND LIMITATIONS

To an illegal residue:

COTTONSEED

- Do not make more than one at-planting application and one post-emergence application per crop.
- Do not apply within 90 days of harvest.

PEANUTS

- Do not make more than one application per crop.
- Do not harvest within 90 days of application.
- Do not hog off treated fields.
- Do not feed hay or viney to livestock.

POTATOES

- Do not make more than one application per crop.
- Do not harvest within 90 days of an at-planting application.
- Do not apply a post-emergence application within 50 days of harvest.
- Do not apply this product in Suffolk County, Long Island, New York, USA.

SUGAR BEETS

- Do not make more than one at-planting application and two post-emergence applications per crop.
- Do not exceed a total of 60 pounds per acre.
- Do not apply within 90 days of harvest.
- If roots are to be fed to livestock, do not apply within 120 days of harvest.

SUGARCANE AND SWEET POTATOES

- Do not make more than one application per crop.
- Do not harvest within 120 days of application.
- Do not feed sweet potato vines to livestock.

ORANGES

- Do not make more than one application per year.

DRY BEANS

- Do not make more than one application per crop.
- Do not harvest within 90 days of application.
- Do not feed green to age, hay or straw to livestock.
- Do not use green to hay or straw for humans.

SOYBEANS

- Do not make more than one application per crop.
- Do not harvest within 90 days of application.
- Do not feed green to hay or straw to livestock.

PECANS

- Do not make more than one application per year.
- Do not allow livestock to graze in treated areas.
- Do not harvest forage or hay from treated areas.

OTHER CROPS

- Do not plant any crop not listed on this label in soil treated with TEMIK 10% within six months after last application.
- Do not apply this product in Suffolk County, Long Island, New York, USA.

MEAT AND MILK

- Do not allow livestock to graze in treated areas before harvest.

UCC-2487-41253-0

12-10-80
EPA/OPP/RD



**FOR CONTROL OF CERTAIN INSECTS,
MITES AND NEMATODES
(SEE END PANELS FOR ADDITIONAL
USE DIRECTIONS AND LIMITATIONS)**

DIRECTIONS FOR USE AND RECOMMENDED APPLICATIONS

It is a violation of federal law to use the product in a manner substantially different from that intended by the manufacturer. Use of the work product may be done without warranty and the company is not responsible for any damage or injury to persons or property resulting from the use of the product.

[illegible][illegible]

LOC-2407-41255NO

KEEP DRY
Moisture can increase
handling hazards

STORAGE AND DISPOSAL
STORE UNUSED TEMK IN ORIGINAL CONTAINER ONLY IN WELL VENTILATED CLEAN DRY AREA OUT OF REACH OF CHILDREN AND ANIMALS. DO NOT STORE IN AREAS WHERE TEMPERATURE REACHES 115°F OR GREATER. DO NOT STORE IN OR AROUND THE HOME OR HOME GARDEN. DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.
OPEN DUMPING IS PROHIBITED.
IF CONTAINER IS BROKEN, HANDLE WITH RUBBER GLOVES. DO NOT GET DUST OR GRANULES ON SKIN OR EYES. DO NOT BREATHE DUST. SNEEP UP AND BURY ANY SMALL SPILLS OR EXCESS TEMK AT LEAST 10 YARDS.

DEEP IN SOIL, ISOLATED FROM WATER SUPPLIES AND FOOD CROPS.
DISPOSE OF PESTICIDE CONTAINER IN AN APPROVED INCINERATOR OR LANDFILL. NEVER REUSE EMPTY CONTAINER.
CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AGENCIES FOR APPROVED ALTERNATIVE PROCESSES SUCH AS LANDFILL, OPEN BURNING, STAYAWAY FROM AND DO NOT BREATHE OR CONTACT SMOKE.
IN CASE OF A TRANSPORTATION OR WAREHOUSE EMERGENCY INVOLVING A SPILL, FIRE OR PESTICIDE CALL COLLECT (24) 714-3187 TWENTY-FOUR HOURS A DAY IN THE USA.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

POISONOUS IF SWALLOWED. MAY BE FATAL OR HARMFUL BY SKIN OR EYE CONTACT OR BY BREATHING DUST. RAPIDLY ABSORBED THROUGH SKIN OR EYES. DO NOT GET ON SKIN OR EYES. DO NOT BREATHE DUST. AVOID DUST. AVOID PESTICIDE. SEE STATEMENT OF PRACTICAL TREATMENT AND OTHER DETAILED WARNINGS ON THIS PACKAGE. READ THE ENTIRE LABEL BEFORE USING THIS PESTICIDE.

WEAR LONG SLEEVED CLOTHING AND PROTECTIVE GLOVES WHEN HANDLING. WASH HANDS AND FACE BEFORE EATING OR SMOKING. BATHE AT THE END OF WORK DAY. WASHING ENTIRE BODY AND HAIR WITH SOAP AND WATER. CHANGE CONTAMINATED CLOTHING DAILY AND WASH IN STRONG WASHING SOAP SOLUTION AND RINSE THOROUGHLY BEFORE REUSING.

SYMPTOMS OF POISONING

May be one or more of the following:
Weakness
Headache
Sweating
Nausea
Vomiting
Coughing
Irritation in Chest
Respiratory
Painful Eye
Pupils
Abnormal Flow of Saliva
Abnormal Glands
Unconsciousness
CONTACT A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING.



KEEP OUT OF REACH OF CHILDREN DANGER POISON



ENVIRONMENTAL HAZARDS TOXIC TO FISH, BIRDS, AND WILDLIFE

This product is toxic to fish, birds, and game animals. Those handling this product must wear a mask, gloves, and long sleeves. Do not contaminate water by cleaning of equipment or disposal of wastes. Always use this product only as recommended on this label.

STATEMENT OF PRACTICAL TREATMENT

ANTIDOTE

ANTIDOTE is Atropine Sulfate

FIRST AID TREATMENT

If symptoms are moderate, give atropine sulfate tablets as directed by the physician. Do not give antidote unless symptoms of poisoning have occurred. Transport patient to a physician or hospital, whichever is faster. Keep patient warm and quiet. Breathing is difficult, give oxygen. Start artificial respiration immediately if breathing stops. SHOW A COPY OF THIS LABEL TO THE PHYSICIAN.

IN CASE OF SKIN OR EYE CONTACT, wash skin immediately and thoroughly with soap and water and flush eyes with plenty of water for 15 minutes. Remove contaminated clothing and wash before reuse.

POISON

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Dept. of Transportation
Shipping Name: Carb. Pesticide Solid, N.O.
Hazard: 6F+1
(IN2157)

INFORMATION FOR PHYSICIAN

This product is Carbamate Pesticide containing 2-methyl-2-methylthio-1,3,4-dioxane-6-carboxylic acid. It is a potent centrally acting cholinergic antagonist causing parasympathetic nerve stimulation. Preferred treatment of poisoning in adults is atropine sulfate given with aqueous solution. As much as 2 to 4 mg may be administered every 10 to 12 minutes until patient is fully atropinized. Dosage for children is approximately 0.05 mg/kg. Atropine should be maintained for 12 hours by intravenous administration of atropine in lower doses given at appropriate time intervals. If not administered rapidly in children, death may occur. Artificial respiration and oxygen may be necessary. Observe patient continuously for at least 24 hours. Allow no further exposure to any carbamate pesticide until decontaminated label is removed by doctor's test.

IN CASE OF EMERGENCY
PHONE COLLECT (24 HOURS A DAY)
IN U.S.A. (304) 714-3187

Adapt to Use Directions for Cotton, Peanuts, Sugar Beets, Potatoes and
in Louisiana only, Sugarcane and Sweet Potatoes as on TIKK 101 Granular
Abilcath Pesticide label SPC 24070 50 lb Carton: Back Panel

Cotton 13, 694, 500
Potatoes 1, 388, 200

Crop & Time of Application	Pests Controlled	Pounds/Acre	Ounces/1000 Feet of Row	Recommended Application
Sorghum		11 to 40 inch row spacing		
At planting	hemipterans	5 to 10 (based on 36 inch row spacing).	5.5 to 11	Apply granules in seed furrow and cover with soil.

17 Pre-harvest and grazing use information and limitations

Sorghum

- Do not make more than one application per crop
- Do not harvest within 90 days of application
- Do not feed green forage or hay to livestock

1/ This information will appear on the back panel of
TIKK 101 granular abilcath pesticide for agribusi-
ness use 50 lb. carton.

Page 16 is not included in this copy.

Pages _____ through _____ are not included in this copy.

The material not included contains the following type of information:

- ☐ Identity of product inert ingredients
 - ☐ Identity of product impurities
 - ☐ Description of the product manufacturing process
 - ☐ Description of product quality control procedures
 - ☐ Identity of the source of product ingredients
 - ☐ Sales or other commercial/financial information
 - ☒ A draft product label
 - ☐ The product confidential statement of formula
 - ☐ Information about a pending registration action
 - ☐ FIFRA registration data
 - ☐ The document is a duplicate of page(s) _____
 - ☐ The document is not responsive to the request
-

The information not included is generally considered confidential by product registrants. If you have any questions, please contact the individual who prepared the response to your request.

Added to Use Directions for Cotton, Peanuts, Sugar Beets,
Potatoes and In Louisiana Only, Sugarcane and Sweet Potatoes
as on TENUK-400 granular aldicarb pesticide label
TUC2407J 50 lb carton: Back Panel

Crop & Time of Application	Pests Controlled	Pounds/Acre	Ounces/1000 feet of Row	Recommended Application
Just prior to or at the time of transplanting or seeding.	Root-knot nematode	20 to 40 (Based on 64 inch row spacing)	40.5 to 82	Apply granules uniformly in a 12 to 16 inch band over the row. Disk or till thoroughly to a depth of 2 to 3 inches. Plant crop in usual manner into treated zone.
		30 to 40 pounds	Not applicable	
Tomatoes (Greenhouse)	Aphids Colorado potato beetle	10 to 30 (Based on 60 inch row spacing)	15.5 to 55.5	Crill granules 1 to 2 inches below seed line or transplant line and cover with soil. If rate exceeds 7 pounds per acre apply granules side-dress 4 to 5 inches from seed or transplant on one or both sides of plant row and 2 to 4 inches deep. OR Apply granules uniformly in a 12 to 18 inch band over the row. Disk or till thoroughly to a depth of 2 to 3 inches and plant crop in usual manner into treated zone.
		30 to 40 pounds	Ounces/1000 sq. feet of plant bed 10.5 to 15	
Within one week after transplanting plants to plant bed.	Whitefly	30 to 40 pounds	10.5 to 15	Apply granules as overall broadcast to plant beds and thoroughly work or water into the soil. Wash off granules adhering to foliage.

1/ Pre-harvest and grazing use information and limitations.