

Date: 10-27-89

PM 16

REG# 10182-195  
Page 1 of 7  
DYF/TILLAM 1-4E  
RS-101089

DYFONATE®-TILLAM® 1-4E

Emulsifiable Liquid  
Insect and Weed Control in Tobacco

ACTIVE INGREDIENTS:

O-Ethyl S-phenyl ethylphosphonodithioate. . . . .	12.6%
S-propyl butylethylthiocarbamate. . . . .	50.4%
<u>INERT INGREDIENTS:</u> . . . . .	<u>37.0%</u>
Contains	100.0%

1 lb. Dyfonate per gal.  
4 lb. Tillam per gal.

KEEP OUT OF REACH OF CHILDREN

WARNING  
AVISO

PRECAUCION AL USUARIO:  
SI USTED NO LEE INGLES,  
NO USE ESTE PRODUCTO HASTA  
QUE LA ETIQUETA LE HAYA  
SIDO EXPLICADA AMPLIAMENTE.

STATEMENT OF PRACTICAL TREATMENT

FOR PESTICIDE EMERGENCY

CALL A PHYSICIAN IMMEDIATELY: If a known exposure occurs, or if poisoning is suspected, do not wait for symptoms to develop. Immediately start the procedures given below and simultaneously contact a Poison Center, a physician, or the nearest hospital.

Note: Be sure to advise the person contacted that the compound is a cholinesterase inhibitor. Describe the type of exposure, the victim's symptoms, and follow the advice given.

POISON SYMPTOMS - DYFONATE is a highly toxic cholinesterase inhibitor. Symptoms of poisoning include headache, blurred vision, weakness, nausea, discomfort in the chest, abdominal cramps, vomiting, diarrhea, salivation, sweating and pinpoint pupils.

ALWAYS CALL A PHYSICIAN IN CASE OF SUSPECTED POISONING.

ATROPINE BY INJECTION IS ANTIDOTAL

This product is sold only for uses stated on its label. No express or implied license is granted to use or sell this product under any patent in any country except as specified: Country: United States of America.

\_\_\_\_\_ Lb. Net Wt. \_\_\_\_\_ Kg.

EPA Reg. No. 10182-195  
EPA Est. No. 10182-

Not Reviewed. Registrant claims to be in accordance with  
FIFRA regulations. This product is registered under FIFRA  
and is available for sale in the United States.

Made in U.S.A. by  
ICI Agricultural Products  
ICI Americas Inc.  
Wilmington, DE 19897



If swallowed, immediately give several glasses of water and induce vomiting by placing a finger on the back of the victim's tongue. Give fluids until vomitus is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

For skin contact, flush with large amounts of running water for 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before re-use.

For eye contact, immediately flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to insure rinsing of the entire surface of the eye and lids with water. Get medical attention immediately.

If inhaled, remove to fresh air. If not breathing, clear victim's airway and start mouth-to-mouth artificial respiration.

If breathing is difficult, give oxygen, preferably with a physician's advice. Get medical attention immediately.

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FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE CALL 1-800-F-A-S-T-M-E-D (327-8633).

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

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INFORMATION FOR MEDICAL PERSONNEL

Initial measures include removal of secretions, maintenance of a patent airway, and if necessary, artificial respiration. When cyanosis is relieved, atropine by injection is antidotal and may be administered in large therapeutic doses, repeated as necessary to the point of tolerance. If symptoms warrant further treatment, 2-PAM (Protopam Chloride) has shown utility as adjunctive therapy. Never use morphine. Continued absorption of the poison may occur, resulting in fatal relapse after initial improvement; very close supervision of the patient is indicated for at least 48 to 72 hours.

Do not transport or store Dyfonate-Tillam 1-4E with food or feed intended for human or animal consumption.

IN CASE OF SPILL

ISOLATE the spill.

HOLD this package, other cargo and vehicles involved.

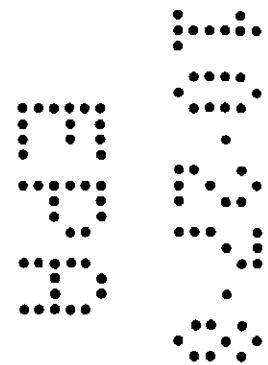
IMMEDIATELY TELEPHONE (24-hour service) for emergency assistance 800-424-9300.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

MAY BE FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. RAPIDLY ABSORBED THROUGH THE SKIN. DO NOT GET IN THE EYES, ON SKIN, OR ON CLOTHING. AVOID BREATHING OF SPRAY MIST.





ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Birds feeding in treated areas may be killed. Remove or cover granules if spills occur. Runoff from treated areas may be hazardous to fish in neighboring areas. Keep out of lakes, ponds, or streams. Do not contaminate water when disposing of equipment washwaters. For guidance contact your regional office of the EPA. Apply this product only as specified on the label.

GENERAL PRECAUTIONS

Read all directions before using.

Do not apply on any crop, or in any manner not specified on this label. Do not rotate with carrots.

Applied according to directions and under normal growing conditions, this product will not harm the treated crop. During germination and early growth, extended periods of unusually cold and wet or hot and dry weather, insect, nematode, or plant disease attack, the use of certain soil applied systemic insecticides, highly saline or alkaline soil conditions, improperly placed fertilizers or soil insecticides may create abnormal conditions that weaken crop seedlings. DYFONATE-TILLAM 1-4E used under these abnormal conditions could result in crop injury.

Do not tank mix with insecticides, fungicides or fluid fertilizers unless their compatibility has been tested and proven to be satisfactory prior to use.

Do not store near seeds or fertilizers.

SOIL INSECTS CONTROLLED

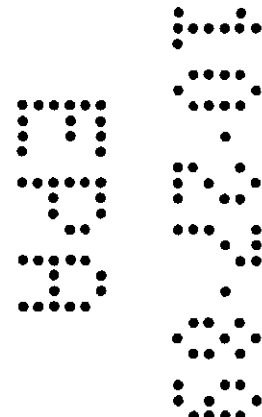
Wireworms:

Corn Wireworm (Melanotus communis)  
Southern Potato Wireworm (Conoderus falli)  
Tobacco Wireworm (Conoderus vespertinus)

WEEDS CONTROLLED

Annual Grasses:

Crabgrass (Digitaria spp.)  
Foxtails - Yellow, Giant, Green - (Setaria spp.)  
Barnyardgrass (Watergrass) (Echinochloa spp.)  
Bermudagrass (Cynodon dactylon)  
Goosegrass (Eleusine indica)  
Wild Oats (Avena fatua)  
Millet (Setaria spp.)



Annual Broadleaf Weeds:

Henbit, Deadnettle (Lamium amplexicaule)  
Lamsquarters (Chenopodium album)  
Purslane, Common (Portulaca oleracea)  
Florida Purslane (Richardia scabra)  
Redroot Pigweed (Amaranthus retroflexus)  
Prostrate Pigweed (Amaranthus graecizans)  
Hairy Nightshade, Groundcherry (Solanus villosus)  
Nettleleaf Goosefoot (Chenopodium murale)  
Black-Eyed-Susan, Sweet Suzy (Rudbeckia serotina)  
Shepherdspurse (Capsella bursa-pastoris)

The above broadleaf weeds will be controlled only when the product is applied when conditions are favorable for germination.

Perennial Weeds:

Yellow Nutsedge (Cyperus esculentus)  
Purple Nutsedge (Cyperus rotundus)

Existing stands of Nutsedge must be turned under and chopped up thoroughly before treatment.

DIRECTIONS FOR USE

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

Application should be made by ground power equipment and by trained personnel only. Do not apply with hand equipment.

Do not apply this product with any type of irrigation equipment.

This product contains a selective herbicide which is mixed (incorporated) into the soil for control of weeds listed on this label. It controls weeds by interfering with normal seed germination and seedling development. It does not control established weeds. All weed growth and crop stubble should be thoroughly worked into the soil before treatment.

APPLICATION DIRECTIONS: The soil should be well-worked and dry enough to permit good soil mixing (incorporation). Pour the recommended amount of product into the spray tank during the filling operations. Apply in 20 to 50 gallons of water per acre. Use a properly calibrated, low-pressure, boom-type sprayer having good agitation.

INCORPORATION DIRECTIONS: DYFONATE-TILLAM 1-4E must be mixed (incorporated) into the soil IMMEDIATELY after application to prevent loss by evaporation of the herbicide. Whenever possible, application and incorporation should be done in the same operation.

Incorporate using tandem discs set to cut to a depth of 6 inches, followed by a spike-toothed harrow or some other leveling device which extends beyond the ends of the discs. For thorough mixing, disc in two different directions (cross disc).

**TRANSPLANTING:** For maximum weed control, the tobacco may be transplanted immediately after application or application and bedding.

### TOBACCO RECOMMENDATIONS

#### Flue-Cured Tobaccos

Before bedding and transplanting, apply DYFONATE-TILLAM 1-4E, broadcast, at 1 gallon per acre. Incorporate and bed up immediately.

### CULTURAL PRACTICES FOLLOWING APPLICATION

The product is not persistent in the soil and susceptible weeds germinating late in the season may not be controlled. Cultivation may be necessary to control these susceptible weeds that escape control as well as those weeds not susceptible. Do not cultivate deeper than the depth of incorporation of the product.

### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

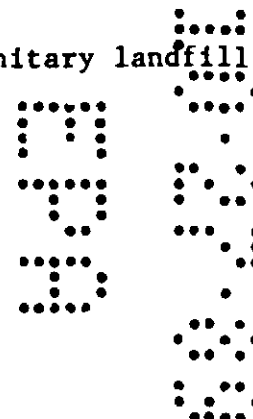
**STORAGE:** Do not transport or store with any food or feed intended for human or animal consumption. Not for use or storage in or around the home.

**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:

**METAL:** Triple-rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**GLASS:** Triple-rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved state and local procedures.



7

NOTICE TO BUYER AND USER: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Seller, and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.

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