

## CONTENTS

Statement of Practical Treatment	3
Precautionary Statements	5
Insects Controlled	7
Directions for Use of Dyfonate 4-E	8
Recommendations	9
Beans	9
Cole Crops	10
Corn	11
Mint	12
Bulb Onions	13
Peppers	13
Potatoes (Irish)	13
Sorghum (Milo)	14
Strawberries	14
Sugar Beets	14
Sugarcane	14
Sweet Potatoes	15
Table Beets	15
Tobacco	15
Tomatoes	16
Appendix I	18
Storage and Disposal	28

## NOTICE—READ CAREFULLY

### CONDITIONS OF SALE

Stauffer (and seller) offer(s) this product for sale subject to, and buyer and all users are deemed to have accepted, the following conditions of sale and warranty which may only be varied by written agreement of a duly authorized representative of Stauffer.

### WARRANTY LIMITATION

Stauffer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use on the label subject to the inherent risks referred to below. Stauffer makes no other express warranties. THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY and there are no warranties which extend beyond the description on the label hereof.

### INHERENT RISKS

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks associated with use. Buyer assumes all risks associated with use or application of this product contrary to label instructions or resulting from extraordinary weather conditions.

### LIMITATION OF LIABILITY

In no case shall Stauffer be liable for special, indirect or consequential damages resulting from the use or handling of this product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which such damages are claimed.

A-9

WT 5-82

Keep out of Reach of Children

**POISON DANGER**

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 initiate the recommended procedures below. Simultaneously contact a physician, or the nearest hospital, or the nearest Poison Control Center. Inform the person contacted of the type and extent of exposure, describe the victim's symptoms, and follow the advice given. For additional information, call collect, day or night.

Stauffer Chemical Company  
(203) 226-6602  
OR  
Chemtec (800) 424-9300

**NOTE:** Be sure to advise the physician that the compound is a cholinesterase inhibitor and follow the physician's advice.

### RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and/or by those uses covered by the Certified Applicator's certification.

# Dyfonate

## 4-E INSECTICIDE—EMULSIFIABLE LIQUID

Complete Directions For Use, Use Precautions and Recommendations  
STAUFFER CHEMICAL COMPANY, Westport, CT 06881-0850  
EPA Reg. No. 476-2056-AA



Aspon <sup>®</sup> Insecticide	Folpot <sup>®</sup> Fungicide	Sutan + Herbicide
Bolan <sup>®</sup> Herbicide	Imidan <sup>®</sup> Insecticide	Sutan + /siazine Herbicide
Caplan <sup>®</sup> Fungicide	Knoxweed <sup>®</sup> Herbicide	Tillam <sup>®</sup> Herbicide
Davinal <sup>®</sup> Herbicide	Ordram <sup>®</sup> Herbicide	Trithion <sup>®</sup> Insecticide-Acaricide
Epilam <sup>®</sup> Herbicide	Prefer <sup>®</sup> Herbicide	Vapam <sup>®</sup> Soil Fumigant
Eradicane <sup>®</sup> Herbicide	Ro-Naal <sup>®</sup> Herbicide	Vernam <sup>®</sup> Herbicide
	Surpass <sup>®</sup> Herbicide	

These products are also available from your Stauffer Dealer.

Sutan and Sutan + are Reg. in the U.S. Pat. and TM Off.

**ACTIVE INGREDIENTS:**  
O-Ethyl S-phenyl ethylphosphonodithioate  
Petroleum hydrocarbon solvent

**INERT INGREDIENTS:**  
Under Federal Insecticide, Fungicide, and Rodenticide Act, as amended for the pesticide registered under EPA Reg. No. 476-2056-AA

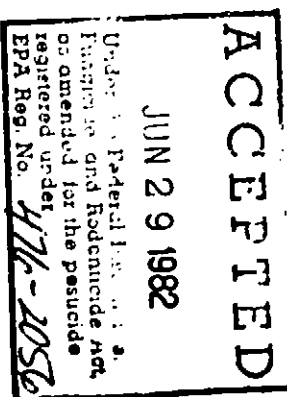
\*DYFONATE

Contains 4 pounds DYFONATE per gallon.

EPA Reg. No. 476-2056-AA

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.

READ ALL LABEL DIRECTIONS BEFORE USING



44.6%  
44.9%  
10.5%  
100.0%

## Poison Symptoms:

DYFONATE 4-E is a highly toxic cholinesterase inhibitor. Symptoms 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.**

**FIRST AID**—If patient has stopped breathing, immediately remove from contaminated area, then start artificial respiration, preferably by mechanical means. If swallowed, immediately dilute the swallowed material by giving large quantities of water and induce vomiting by gagging the victim with a finger or blunt object placed on the back of the victim's tongue. Give fluids until vomitus is clear. Never give anything by mouth to an unconscious person. Call a physician or the nearest Poison Control Center. If inhaled, remove to fresh air. Get medical attention if respiratory irritation occurs. For eye contact, flush immediately with large amounts of running water for at least 15 minutes. Hold eye-lids apart to insure rinsing of the entire surface of the eyes. Get medical attention. For skin contact remove contaminated clothing and immediately wash skin thoroughly for 15 minutes with soap and water. Avoid abrading the skin.

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

## 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

Hazard to Humans and Domestic Animals

**POISON DANGER**

**DANGER: POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. RAPIDLY ABSORBED THROUGH THE SKIN. DO NOT GET IN THE EYES, ON SKIN, OR ON CLOTHING. DO NOT BREATHE SPRAY MIST.**

Use a respirator approved by the National Institute for Occupational Safety and Health (30 CFR Part 2—Subpart M) for protection against pesticide inhalation.

Wear rubber gloves, protective clothing and goggles

Wash hands, arms, and face thoroughly with soap and water after handling and before eating or smoking. Routinely shower or bathe after work and wash all clothing with soap and hot water before re-using. In case of contact, immediately remove contaminated clothing and wash thoroughly with soap and water

Do not transport or store DYFONATE 4-E with any food or feed intended for human or animal consumption

Not for use or storage in or around the home

Do not use, pour, spill or store near heat or open flame

Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals or onto adjoining food, fiber or pasture crops. Do not contaminate food or feed

## Environmental Precautions

This product will kill fish and wildlife. Keep out of lakes, ponds and streams. Do not contaminate water by cleaning of equipment or disposal of wastes. Birds feeding on treated areas may be killed

## General Precautions

- Read all directions before using
- Do not apply to any crop, or in any manner not specified on this label
- Do not rotate with carrots.

## Insects Controlled

Black Cutworm (*Agrotis ipsilon*)\*  
Cabbage Maggot (*Hylemya brassicae*)  
Corn Leaf Aphid (*Rhopalosiphum maidis*)

Garden Symphylan (*Scutigereilla immaculata*)

Onion Maggot (*Hylema antiqua*)  
Greenbug (*Schizaphis graminum*)

Seed Corn Maggot (*Hylema platura*)

\* (Suppression only)

## FLEA BEETLES

Elongate Flea Beetle (*Systema elongata*)

Palestriped Flea Beetle (*Systema blanda*)

Sweetpotato Flea Beetle (*Chaetocnema confinis*)

Threespotted Flea Beetle (*Disonychia triangularis*)

## ROOTWORMS

Northern Corn Rootworm (*Diabrotica longicornis*)

Southern Corn Rootworm (*Diabrotica undecimpunctata howardi*)

Western Corn Rootworm (*Diabrotica virgifera*)

WIREWORMS  
Corn Wireworm (*Melanotus communis*)

Pacific Coast Wireworm (*Limonius canus*)

Southern Potato Wireworm (*Conoderus falli*)

Sugar Beet Wireworm (*Limonius californicus*)

Tobacco Wireworm (*Conoderus vespertinus*)

Western Field Wireworm (*Limonius infuscatus*)

Wheat Wireworm (*Agriotes mancus*)

*Ctenicera lobata*

*Dalopius pallidus*

## 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 only with tractor mounted sprayer, equipment or larger, custom application type vehicles. Application should be made by trained personnel only, using approved protective equipment. Pour the recommended amount of DYFONATE 4-E into nearly filled spray tank. Add balance of water to fill tank. Keep

agitator running during filling and spraying operations. Apply in 20 to 50 gallons of water per broadcast acre using a properly calibrated, low-pressure sprayer having good agitation.

DYFONATE 4-E may be combined with solution, slurry, and suspension fertilizers. In addition, certain herbicides may be combined with DYFONATE 4-E, both with and without fertilizer. Read the recommendations for specific uses. Before combining in the spray tank, physical compatibility with these fluid fertilizers must be determined. See Appendix 1 for special directions regarding these combinations. Even though found to be compatible, agitation must be maintained during filling and application operations to insure uniform distribution of material.

Preplant broadcast applications should be mixed (incorporated) into the soil to a depth of 2 to 3 inches

## Recommendations

**BEANS (GREEN AND DRY):** For control of garden symphylans and wireworms, apply 2 quarts (for symphylans) or 1 gallon (for symphylans and wireworms) DYFONATE 4-E per acre, broadcast prior to planting and incorporate into the soil by discing

For control of seed corn maggot **Northwestern U.S. only:** Apply 2 quarts to 1 gallon DYFONATE 4-E per acre, broadcast on soil surface, prior to planting and incorpo-

rate to a depth of 2 to 4 inches using suitable tillage equipment. Use higher rate where population pressure is severe. **Northeastern U.S.:** Apply 1 gallon DYFONATE 4-E per acre, broadcast on soil surface, prior to planting and incorporate to a depth of 2 to 4 inches using suitable tillage equipment

All treatments may be applied as a tank mix with EPTAM 7-E Selective Herbicide in fluid fertilizer and/or water. Follow the appropriate regional recommendations in the crop section of the EPTAM 7-E label for broadcast, preplant incorporated applications. Use only fluid fertilizers compatible with EPTAM 7-E and DYFONATE 4-E (see Appendix 1). Observe all use precautions and limitations on the EPTAM 7-E label

**BEANS, (LIMA):** For control of garden symphylans and wireworms, apply 2 quarts (for symphylans) or 1 gallon (for symphylans and wireworms) DYFONATE 4-E per acre, broadcast, prior to planting and incorporate into the soil by discing. The higher rate is recommended on lima beans grown in California only

**COLE CROPS (BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER):**

**Garden Symphylans**—Prior to or at time of seeding or transplanting, apply 2 quarts DYFONATE 4-E per acre, broadcast, and incorporate into the soil by discing

**Cabbage Maggot**—(Northeastern U.S. only)—For transplant cole crops use 1 to 2 quarts DYFONATE 4-E in 200 to 400 gallons of water per acre. Apply with a sprayer equipped with drop nozzles to direct a drenching spray to the base of the plants. Apply immediately after transplanting

**CORN (FIELD, SWEET, AND POPCORN):**

**NOTE:** May be used in corn grown for grain or silage

**A. Band application for control of northern, southern and western corn rootworms—**

Apply, at planting,  $\frac{3}{4}$  to 1 quart DYFONATE 4-E per acre in a 6 to 8 inch band over corn rows 38 to 40 inches apart

Incorporate into the top  $\frac{1}{2}$  to 1 inch of soil by making application ahead of the press wheels or by use of special covering devices or by dragging a short length of chain behind the press wheels

Do not place DYFONATE 4-E in direct contact with seed

**B. Broadcast application for control of symphylans, northern, southern and western corn rootworms, and wireworms, and for suppression of black cutworm**

Apply 2 quarts (for symphylans), 3 quarts (for symphylans and corn rootworms), or 4 quarts (for symphylans, corn rootworms, wireworms and black cutworm) DYFONATE 4-E per acre prior to planting and incorporate into the soil by discing. This treatment may be applied as a tank mix with

ERADICANE\* 6.7-E or SUTAN+\* 6.7-E Selective Herbicides or their recommended tank mixes with ATRAZINE 80W or 4L or BLADEX\*\* 80W or 4L. A compatible fluid fertilizer (see Appendix 1) or water may be used as carrier

Follow all directions, limitations, and use precautions on the ERADICANE 6.7-E, SUTAN + 6.7-E, ATRAZINE, and BLADEX labels. Do not tank mix DYFONATE with ERADICANE 6.7-E on sweet corn or popcorn

**C. Split boot application for control of northern and western corn rootworms (recommended in the Northcentral and Midwestern corn-growing areas only)—**

Apply, at planting, 1 quart DYFONATE 4-E in 5 to 20 gallons of compatible fluid fertilizer (see Appendix 1) per acre (40 inch row spacing) in subsurface split bands on each side of the corn row,  $\frac{1}{4}$  to 1 inch to each side of the seed and 1 to 2 inches deep. Do not place DYFONATE 4-E in direct contact with the seed.

**MINT (PEPPERMINT, SPEARMINT):** For control of garden symphylans apply 2 quarts DYFONATE 4-E per acre, broadcast, and incorporate into the soil by discing prior to planting or on established plantings prior to spring growth. (Do not apply terbacil for at least 3 weeks before or after the DYFONATE 4-E application.)

SUTAN AND SUTAN+ are registered trademarks of Stauffer Chemical Company.  
Bladex is a registered trademark of Shell Chemical Company.

**BULB ONIONS:** For control of onion maggot, apply as a furrow treatment at time of planting. Based on a 20 inch row spacing, apply at a rate of 1 quart DYFONATE 4-E per acre (1 quart per 26,135 feet of row,  $\frac{3}{4}$  fluid ounces per 2,613 feet of row,  $\frac{1}{4}$  fluid ounces per 1,000 feet of row). Use on organic soils only (soils containing 10% or more organic matter).

**PEPPERS:** For control of garden symphylans and wireworms, apply 2 quarts (for symphylans) or 4 quarts (for symphylans and wireworms) DYFONATE 4-E per acre, broadcast, prior to planting and incorporate into the soil by discing

**POTATOES (IRISH):**

**A. Broadcast preplant application for control of garden symphylans and wireworms**  
Apply 2 quarts (for symphylans) or 4 quarts (for symphylans and wireworms) DYFONATE 4-E per acre prior to planting and incorporate into the soil by discing. This treatment may also be applied in certain areas as a tank mix with EPTAM 7-E Selective Herbicide in a compatible fluid fertilizer and/or water (see Appendix 1). Follow recommendations in the crop section of the EPTAM 7-E label for broadcast, preplant incorporated applications. For use in the Northern, Western, and Pacific Northwest Regions only. Observe all use precautions and limitations on the EPTAM 7-E label

**B. Banded preplant soil injection with fluid fertilizer for control of wireworms (North-**

western U.S. only):

Apply through fluid fertilizer shank immediately ahead of the planter. Set the shank to run 8 to 10 inches deep. Apply 2 quarts DYFONATE 4-E per crop acre, based on 36" row spacing, in the recommended quantity of compatible liquid fertilizer (see Appendix 1)

**SORGHUM (MILO):** For control of corn leaf aphid and greenbug, apply  $\frac{3}{4}$  to 1 quart DYFONATE 4-E in 5 to 30 gallons of water per acre over the top using aerial or ground application equipment. Do not apply within 14 days of harvest nor feed or graze to livestock within 14 days of application. Limit use to 2 applications per crop

**STRAWBERRIES:** For control of symphylans apply 2 quarts DYFONATE 4-E per acre, broadcast, and incorporate into the soil by discing prior to planting

**SUGAR BEETS:** For control of garden symphylans and wireworms, apply 2 quarts (for symphylans) or 1 gallon (for symphylans and wireworms) DYFONATE 4-E per acre, broadcast, prior to planting and incorporate into the soil by discing.

**SUGARCANE:** At Planting—For wireworm control, apply 4 quarts DYFONATE 4-E per acre in a 14 inch band on cane rows 60 inches apart. This is equivalent to 11 to 14  $\frac{1}{2}$  fluid ounces of DYFONATE 4-E per 1,000 linear feet of row. Apply over the top of sugarcane seed pieces immediately ahead of covering discs

**SWEET POTATOES:** For control of wireworms and flea beetle larvae, apply 1 gallon DYFONATE 4-E per acre, broadcast, at planting and incorporate into the soil by discing

**TABLE BEETS:** For control of cabbage maggot and garden symphylans apply 2 quarts DYFONATE 4-E per acre, broadcast, prior to planting. Incorporate into the soil by discing.

**TOBACCO:** For control of wireworms, apply 1 to 2 quarts DYFONATE 4-E per acre, broadcast, prior to bedding and transplanting and incorporate into the soil by discing.

**FLUE CURED TOBACCOS ONLY:** DYFONATE 4-E in combination with TILLAM\* 6-E controls wireworms and certain weeds (see TILLAM 6-E label) in tobacco. Add to the spray tank and apply 1 quart DYFONATE 4-E and 2  $\frac{3}{4}$  quarts TILLAM 6-E in 20 to 50 gallons of water per acre (see Appendix 1). Use a properly calibrated, low-pressure, boom-type sprayer having good agitation. IMPORTANT: Refer to both DYFONATE 4-E and TILLAM 6-E labels for pertinent directions for use, and use precautions and restrictions. The soil should be well worked and dry enough to permit good soil incorporation. The tank mix must be incorporated (mixed) into the soil immediately after application to prevent loss of the herbicide by evaporation. Whenever possible, application and incorporation should be

done in the same operation. Use power-driven cultivation equipment set to cut to a depth of 3" in light soil and 3" to 4" in heavy soil, or a tandem disc set to cut to a depth of 4" to 6". Cross disc at right angles for thorough mixing. The bedding operation should follow the incorporation as soon as practical. Planting may be done immediately after bedding or at a later date, however, to insure long term weed control, the crop should be planted as soon as possible after application and bedding.

**TOMATOES:** For control of garden symphylans, apply 2 quarts of DYFONATE 4-E per acre, broadcast, prior to planting and incorporate into the soil by discing.

## Appendix I

### PROCEDURE FOR TESTING THE TANK-MIX COMPATIBILITY OF DYFONATE 4-E WITH FLUID FERTILIZERS AND DYFONATE 4-E WITH HERBICIDES AND WATER OR FLUID FERTILIZERS

This procedure is suggested for determining whether DYFONATE 4-E and a specific fluid fertilizer and/or the specifically approved herbicide(s) may be combined for spray-tank application.

#### Materials Required:

- 1 a DYFONATE 4-E
  - b DYFONATE 4-E/herbicide combinations (EPTAM 7-E, ERADICANE 6 7-E, SUTAN + 6 7-E, TILLAM 6-E, ATRAZINE 80W or 4L, or BLADEX 80W or 4L)
- 2 Water or fluid fertilizer to be used
- 3 Adjuvant for tank mix—Complex\*, Sponto\* 168-D, Unite\* or equivalent. The adjuvant which performs best depends on the specific fertilizer being considered.
- 4 Two one-quart, wide-mouth glass jars with tops
- 5 Measuring spoons (a graduated cylinder or pipette will provide more accurate measurement)
- 6 Measuring cup, 8 oz (237 mL)

Complex is a trademark of Kalo Laboratories, Inc. Sponto 168-D is a trademark of Witco Chemical Corporation. Unite is a trademark of Hopkins Agricultural Chemical Company.

#### Procedure:

- 1 Add one pint (2 cups or approximately 473 mL) of the test water or fluid fertilizer to each of the quart jars.
- 2 Add adjuvant to one of the jars and mix (see rate tables).
- 3 Carefully add the pesticides to each jar (see rate tables) as follows:
  - a. If only DYFONATE 4-E is to be used, add it directly to each jar.
  - b. If a tank mix with a herbicide emulsifiable concentrate is to be used, add the herbicide first and mix, and then add the DYFONATE 4-E.
  - c. If a tank mix with a herbicide emulsifiable concentrate and a wettable powder or flowable formulation is to be used, add and mix the pesticides in the following order:
    - 1 Add and mix the wettable powder or flowable formulation first (premixing these in water prior to addition to fluid fertilizer often provides a more compatible mix with fluid fertilizer).
    - 2 Add and mix the herbicide emulsifiable concentrate second.
    - 3 And finally, add the DYFONATE 4-E.
- 4 Securely close each jar using the top and mix the contents by inverting the jar ten times.

See Appendix I on following page

5 Inspect the mixtures immediately and after standing for thirty minutes without mixing.

6 Dispose of jar mixes according to disposal statements contained within this label.

A mixture may be incompatible if either of the following conditions is observed:

- a an oil layer or large oil globules are observed, or
- b sludge or clumps are present

If either mixture remains uniform for thirty minutes, the combination may be used. Should either mixture separate after thirty minutes, but remix readily with ten jar inversions, the combination can be used if good agitation is maintained in the spray tank. If nondispersible oil, sludge or clumps persist, the combination must not be used. If the mixture with the adjuvant stays mixed, or remixes readily to form a uniform dispersion, but the one without adjuvant does not, be sure to use the adjuvant in the spray tank. Add the adjuvant first to the water or fluid fertilizer at the recommended rate. Minimize foaming by using moderate agitation.

Rate Table For DYFONATE 4-E and Adjuvant\*\* with the Fluid Fertilizer

Gallons of Fluid Fertilizer To Be Applied Per Acre	Milliliters or Teaspoons of DYFONATE 4-E* To Be Added To One Pint of Fertilizer	
	mL	Teaspoon
10	12	2½
15	8	1¾
20	6	1¼
25	5	1
40	3	¾

Based on a fluid rate of one pound active ingredient per acre in the fertilizer volumes indicated. Adjust volume proportionately to correspond with intended rate in terms of pounds active ingredient per acre (e.g. for a field rate of 2 pounds active ingredient in 10 gallons of fertilizer per acre, add 24 mL or 5 tsp DYFONATE 4-E to each jar for compatibility testing purposes).

A typical adjuvant rate of use is 3 pints per 100 gallons of fluid fertilizer. Two (2) milliliters or one half (½) teaspoon of adjuvant should be added to 1 pint of fertilizer in order to equal a rate of 3 pints of adjuvant per 100 gallons of fluid fertilizer.

**RATE TABLE FOR DYFONATE 4-E/TILLAM 6-E AND ADJUVANT\*\***

Gallons of Fluid Fertilizer to Be Applied Per Acre	Milliliters or Teaspoons of DYFONATE 4-E* to Be Added to 1 Pint of Fertilizer		Milliliters or Teaspoons of TILLAM 6-E* to Be Added to 1 Pint of Fertilizer	
	mL	Tsp.	mL	Tsp.
10	12	2 1/2	8	1 3/4
15	8	1 3/4	5 1/4	1
20	6	1 1/4	4	
25	5	1	3 1/4	3/2
40	3	3/4	2	1/2

\* Based on a field rate of one pound active ingredient per acre in the fertilizer volumes indicated. Adjust volumes proportionately to correspond with intended field rates in terms of pounds active ingredients per acre (e.g. for a field rate of 4 pounds actual TILLAM 6-E in 20 gallons of fertilizer per acre, add 10 mL or 2 tsp TILLAM 6-E to each jar for compatibility testing purposes)

\*\* A typical adjuvant rate of use is 3 pints per 100 gallons of fluid fertilizer. Two (2) milliliters or one half (1/2) teaspoon of adjuvant should be added to 1 pint of fertilizer in order to equal a rate of 3 pints of adjuvant per 100 gallons of fluid fertilizer.

**RATE TABLE FOR DYFONATE 4-E ERADICANE 6.7-E/ATRAZINE OR BLADEX AND DYFONATE 4-E SUTAN + 6.7-E/ATRAZINE OR BLADEX AND ADJUVANT\*\* WITH WATER OR FLUID FERTILIZER**

Gallons of Water or Fluid Fertilizer To Be Applied Per Acre	10		15		20		25		40	
	mL	Tsp	mL	Tsp	mL	Tsp	mL	Tsp	mL	Tsp
Milliliters or Teaspoons of DYFONATE 4-E* To Be Added to 1 Pint of Water or Fertilizer	12	2 1/2	8	1 3/4	6	1 1/4	5	1	3	3/4
Milliliters or Teaspoons of ERADICANE 6.7-E* or SUTAN + 6.7-E* To Be Added to 1 Pint of Water or Fertilizer	7	1 1/2	5	1	3 1/2	3/4	2 1/2	1/2	1 1/4	1/4

**RATE TABLE FOR DYFONATE 4-E/EPTAM 7-E AND ADJUVANT\*\* WITH THE FLUID FERTILIZER**

Gallons of Fluid Fertilizer To Be Applied Per Acre	Milliliters or Teaspoons of DYFONATE 4-E* to Be added to 1 Pint of Fertilizer		Milliliters or Teaspoons of EPTAM 7-E* to Be Added to 1 Pint of Fertilizer	
	mL	Tsp.	mL	Tsp.
10	12	2 1/2	6 3/4	1 1/2
15	8	1 3/4	5	1
20	6	1 1/4	3 1/2	3/2
25	5	1	2 1/2	1
40	3	3/4	1 3/4	1/2

\* Based on a field rate of one pound active ingredient per acre in the fertilizer volumes indicated. Adjust volumes proportionately to correspond with intended field rates in terms of pounds active ingredients per acre (e.g. for a field rate of 3 pounds actual EPTAM 7-E in 20 gallons of fertilizer per acre, add 15 mL or 2 tsp EPTAM 7-E to each jar for compatibility testing purposes)

\*\* A typical adjuvant rate of use is 3 pints per 100 gallons of fluid fertilizer. Two (2) milliliters or one half (1/2) teaspoon of adjuvant should be added to 1 pint of fertilizer in order to equal a rate of 3 pints of adjuvant per 100 gallons of fluid fertilizer.

**Tank Mix Directions**

1. Fill the spray tank at least 2/3 full of the appropriate carrier fluid. Be sure tank is clean and not contaminated with 2,4-D type herbicides, oil residue or other materials.
2. Start agitation and continue moderate agitation throughout mixing and application procedures.
3. Add the proper amount of adjuvant and mix (if adjuvant is to be used).
4. Next add the ATRAZINE 80W or 4L or BLADEX 80W or 4L (if it is to be combined in the tank) and mix to disperse it thoroughly.
5. Then add the herbicide emulsifiable concentrate (EPTAM 7-E, ERADICANE 6.7-E, SUTAN + 6.7-E or TILLAM 6-E) and mix thoroughly.
6. Lastly, add the DYFONATE 4-E.
7. Complete filling the remaining portion of the tank with carrier fluid; mix thoroughly.

**BEST AVAILABLE COPY**

Measure	mL	Tsp	mL	Tsp	mL	Tsp
Milliliters or Teaspoons of ATRAZINE 80W* or BLADEX 80W* To Be Added to 1 Pint of Water or Fertilizer	22	4 1/2	15	3	11	2 1/4
Milliliters or Teaspoons of ATRAZINE 4L* or BLADEX 4L* To Be Added to 1 Pint of Water or Fertilizer	12	2 1/2	8	1 3/4	6	1 1/4

Based on a field rate of one pound active ingredient per acre in the water or fertilizer. Adjust volumes proportionately to correspond with intended field rates in terms of pounds active ingredients per acre (e.g. for a field rate of 4 pounds of actual SUTAN + 6.7-E in 20 gallons of fluid fertilizer, add 7 mL or 1 1/4 tsp SUTAN + 6.7-E to each jar for compatibility testing purposes). A typical adjuvant rate of use is 3 pints per 100 gallons of fluid fertilizer. Two (2) milliliters or one half (1/2) teaspoon of adjuvant should be added to 1 pint of fertilizer in order to equal a rate of 3 pints of adjuvant per 100 gallons of fluid fertilizer.

**RATE TABLE FOR DYFONATE 4-E/ERADICANE 6.7-E AND SUTAN + 6.7-E AND ADJUVANT\*\* WITH THE FLUID FERTILIZER**

Gallons of Fluid Fertilizer To Be Applied Per Acre	Milliliters or Teaspoons of DYFONATE 4-E* to Be added to 1 Pint of Fertilizer		Milliliters or Teaspoons of ERADICANE 6.7-E* or SUTAN + 6.7-E* to Be added to 1 Pint of Fertilizer
	mL	Tsp.	
10	12	2 1/2	7
15	8	1 3/4	5
20	6	1 1/4	3 1/2
25	5	1	2 1/2
40	3	3/4	1 3/4

\* Based on a field rate of one pound active ingredient per acre in the fertilizer volumes indicated. Adjust volumes proportionately to correspond with intended field rates in terms of pounds active ingredients per acre (e.g. for a field rate of 4 pounds actual SUTAN + 6.7-E in 20 gallons of fluid fertilizer, add 7 mL or 1 1/4 tsp SUTAN + 6.7-E to each jar for compatibility testing purposes)

\*\* A typical adjuvant rate of use is 3 pints per 100 gallons of fluid fertilizer. Two (2) milliliters or one half (1/2) teaspoon of adjuvant should be added to 1 pint of fertilizer in order to equal a rate of 3 pints of adjuvant per 100 gallons of fluid fertilizer.

older containers FIRST, inspect rusted cans for leaks

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

**PESTICIDE DISPOSAL:** Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved State procedures under Subtitle C of the Resource Conservation and Recovery Act.

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

**GENERAL:** Consult Federal, State or local disposal authorities for approved alternative procedures

*Dyfonate (PAK)*

**ACCEPTED**  
JUN 29 1982  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 476-2056

**RESTRICTED USE PESTICIDE**  
For retail sale to and use only by Certified Applicators or persons under supervision and only for those uses covered by the Certified Applicator's



# Dyfonate

Keep Out of Reach of Children

**POISON-DANGER**

Danger! Poisonous if swallowed, inhaled or absorbed through the skin. Rapidly absorbed through the skin. Do not get in the eyes, on skin, or on clothing. Do not breathe spray mist.

See Back Panel for Additional Precautions, Poison Symptoms, Statement of Practical Treatment, Antidote and Information for Physician.

Do not use, pour, spill or store near heat or open flame.

See attached booklet for Use Precautions, Directions for Use and Recommendations.

Read all precautions and directions before using

**5 GAL. NET 18.9 L**

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

## 4-E INSECTICIDE-EMULSION

(Contains 4 pounds Dyfonate per gallon)

**ACTIVE INGREDIENTS:**  
O-ethyl S-phenyl ethylphosphonodithioic acid  
Petroleum hydrocarbon solvent  
**INERT INGREDIENTS:**

Dyfonate

- |   |                                                                                                                                                                                                                                                              |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <b>STORAGE AND DISPOSAL:</b>                                                                                                                                                                                                                                 |
| 1 | <b>STORAGE:</b> Minimum storage temperature must not be below 40°F. Containers must not be corroded by its contents. Dents or damage to containers must be repaired. Do not use damaged and/or older containers. <b>FIRST:</b> Inspect for leaks before use. |
| 2 | <b>PROHIBITIONS:</b> Do not contaminate water, food, or feed. Open dumping is prohibited.                                                                                                                                                                    |
| 3 | <b>PESTICIDE DISPOSAL:</b> Pesticide spray mixture used according to label instructions must be disposed of according to approved State procedures under Subtitle C of the Resource Conservation and Recovery Act.                                           |
| 4 | <b>CONTAINER DISPOSAL:</b> Triple rinse (or equivalent) and reuse for same purpose. Do not reuse for other purposes. Recycle if approved by approved State and local procedures.                                                                             |
| 5 | <b>GENERAL:</b> Consult Federal, State, or local officials for approved alternative procedures.                                                                                                                                                              |

EPA Reg. No. 476-2056-AA

This product is sold only for uses stated on its label. No other uses are granted to use or sell this product under any patent or copyright in the United States of America.

Made in U.S.A. by STAUFFER CHEMICALS  
Westport, CT 06881-0850

suspected, do not wait for symptoms to develop. Immediately initiate the recommended procedures below. Simultaneously contact a physician, or the nearest hospital, or the nearest Poison Control Center. Inform the person contacted of the type and extent of exposure, describe the victim's symptoms, and follow the advice given. For additional information, call collect, day or night:

Stauffer Chemical Company (203) 226-6602

OR

Chemtrec (800) 424-9300.

NOTE: Be sure to advise the physician that the compound is a cholinesterase inhibitor, and follow the physician's advice

### IN CASE OF SPILL

ISOLATE the spill, HOLD this package, other cargo & vehicles involved.  
IMMEDIATELY TELEPHONE (24-hour service) for emergency assistance:  
800-424-9300

**UN 2783**







# Dyfona

## IMPORTANT

Keep Out of Reach of Children

### POISON DANGER

Caution: Poisonous if swallowed. Avoid contact with eyes, nose, mouth, and skin. Wash thoroughly if contact occurs. Do not breathe dust or fumes.

Use a respirator with a filter, the filter being suitable for the use of the Safety and Health Commission, Department of Health, Education and Welfare, Washington, D.C.

Use a respirator with a filter, the filter being suitable for the use of the Safety and Health Commission, Department of Health, Education and Welfare, Washington, D.C. Wash hands thoroughly after use. Avoid contact with eyes, nose, mouth, and skin. Wash thoroughly if contact occurs. Do not breathe dust or fumes.

### Statement of Practical Treatment

Poison Symptoms: If a patient has swallowed a quantity of Dyfona, induce vomiting immediately. If a patient has inhaled a quantity of Dyfona, remove the patient to a well-ventilated area and give oxygen.

### ALWAYS CALL A PHYSICIAN IN CASE OF SUSPECTED POISONING. ATROPINE BY INJECTION IS ANTIDOTAL

FIRST AID—If patient has stopped breathing, immediately remove from contaminated area, then start artificial respiration, preferably by mechanical means. If swallowed, give the swallowed material by giving large quantities of water and induce vomiting by gagging the victim with a finger or stick. Do not force water into the victim's tongue. Give first aid until help arrives. Never give anything by mouth to an unconscious patient. For further information, contact the Poison Control Center at (703) 752-8881, or the nearest hospital.

respiratory irritation occurs. For eye contact, flush with large amounts of running water for at least 15 minutes. Insure rinsing of the entire surface of the eye. For skin contact, remove contaminated clothing thoroughly for 15 minutes with soap and water.

INFORMATION FOR PHYSICIAN—Initial measures include maintenance of a patent airway and respiration. When cyanosis is relieved, atropine, in large therapeutic doses, repeated as necessary. If symptoms warrant further treatment, protocols include 2-PAM chloride, as shown in Table 1, and use morphine. Continued atropine treatment may be a fatal re-appe after initial improvement. Use of atropine is indicated for at least 48 hours.

### NOTICE—READ CAREFULLY CONDITIONS OF SALE

#### WARRANTY LIMITATION.

#### INHERENT RISKS.

#### LIMITATION OF LIABILITY

