

#### FORCH UNIONARY STATEMENTS

BY AND A CHARACTER DOMESTIC ANIMALS

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STATEMENT OF PRACTICAL TREATMENT.

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Before removing gleves with the new this oap and water Take of all work
clothes and share of recovers he soat and water. Wher only clean clothes
when leaving of the arms he soat and water. Wher only clean clothes
when leaving of the arms he must be become Personal and protective clothes. Consider the process to be before the separation from a case
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EN LIBONMENTAL HAZARDS

This past the situacity trus it into the property to water or wat ands (swamps, bods, mershels and pothicles). Cover or soil-incorporate spins. This product is highly toxic to bees exposed to direct treatment or residues on blocking crops or weeds. Do not apply this product or allow it to drift to bidoming crops or weeds if bees are visiting treatment area

#### **DIRECTIONS FOR USE**

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

READ ENTIRE LABEL USE STRICTLY IN ACCORDANCE WITH PRECAU-TIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

#### REENTRY STATEMENT

Keep all unprotected persons out of operating areas or vicinity where there

Reentry into treated areas is prohibited for 24 hours after the end of application unless the protective clothing specified elsewhere on this label is worn.

Certain states may require more restrictive reentry intervals, consult your State

Department of Agriculture for further information

Written or oral warnings regarding use of protective clothing and accidental exposure must be given to workers who are expected to be in treated areas. or in areas about to be treated.



## **90** S

## (INSECTICIDE)

 $B_{V}\,V_{V}\tau$ Active Ingredient \*\*Acephate (0,8) Dimethyl acetylphosphoraniacthioate) \*OPTHENE" Acephate U.S. Pat. No. 3 716 600.

> NOT BUTTERED In Accordance with FF Fetter from Based on Die it Ich cling Detel 6/12/0 y

**KEEP OUT OF REACH OF CHILDREN** CAUTION SEE SIDE PANEL FOR ADDITIONAL **PRECAUTIONARY STATEMENTS** 



## **NET WEIGHT 20 POUNDS**

Manufactured for Valent U.S.A. Corporation € 1983 Walnut Creck CA 94596-8025 Product 5593 Made in U.S.A. R Form 256 A EPA Reg. No. 59639-33 AA

#### CTIONS

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#### COTTON

gs.	insect	i (  Kate* i to Acres) Exceptated)	Further Use Instructions	theys to Horvest
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		. 6	Approximate suggestions extension approximate the following the control of the co	
			Eygus - Use higher rate for Issue adults that here in scrate to lints outfor	
	Factories	ጎለ 5 ፋሉ ዓል	Bollworm and John Co Bud Sworm - Early second models tation use 18 to yours - Missell	
	Cotton Aphic Whitefu	The tell Acres	late sees the order to the con- ordestations are Transfer or Apply when eight sizes on the repetation of to 1 Geylote (van	
	Armyworms Cabbage Locy of Bollworm Tobacco	1 m to 1 Acre	Pink Bollworm - Apply wher consects appear and repeat at a till 10 day spray internal	
			Do not feed gin trash to live stock or add w adma's to graze or treated areas	
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	Str⊁tivia ICA Ai	The STAR	•	
	FLEBUACE ICA AZ			

There a rate is given, use the horizon rate when faror flats instanciars are pressure exists.

#### COTTON TANK MIXES

Creps	Insects	Amount ORTHENE 90 S + LORSBAN + 4E Per Acre	Further Use Instructions	Days to
OTTOR (CA AZ)	Army wirth Bellwerm Cabt age Leeper Cotton April Cutworms Freeriopper Grasshoppers Pink Bollwern Plant Bugs HLygus Minds' Saft Marsh Caterpillar Thrips Tobacco Budworm Whitefly	<b>+</b>	Be net for high thesh on the hon to take to be easily to be the hone of which the hone desire with a to be a contracted on the easily the easil	

Сгорз	. Insects	ORTHINE SO S + CYDAIN 5 2 4EC Per Acre	Further Use Instructions	Qays to Harvest
Entern (Except CA AZ)	Tobacce Eurovern	£9,4,2 + 2	Gegin applications when eggs or inserts applications when eggs or inserts applications and applications in sent of the manufacture of the sent of the	21
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## FARMANAE OF EACH CLASS CARROLL TA CARCES (SANCE) AND SCHOOL ( $\lambda$ ) and that the carces (SANCE) $\lambda$

Crop	<b>ins</b> ects	A MESON STREET	Farther Use Instructions
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Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

**NOTE:** This product is sold by weight and package is full when packed, but due to fluffy nature this material is inclined to settle.

#### STORAGE AND DISPOSAL

#### **PROHIBITIONS**

Do not contaminate water, feed or feed by storage, dispuse) or calcannal  $e^4$  equipment

Open dumping is prohibited

#### STORAGE

Keep pesticide in original centa in t

Do not pur concentrate or or a telestification drink container

Store in cool, dry place. Protect has an essue real

Do not contaminate food or foldstuffs

Do not store or transport near feed or food

For help with any spill, leak-fire or exposure involving this matchar call day or night (415) 233-3737

#### **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**

Completely empty bag into application equipment. Do not reuse container Dispose of empty bag in a sanitary landfell or by incineration, or, if allowed by State and local authorities, by huming

If burned, stay out of smoke

#### IMPORTANT INFORMATION. READ BEFORE USING PRODUCT.

LIMITED WARRANTY: 1. Valent U.S.A. Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. Valent does not make nor authorizes any agent or representative to make, any other warranty, guarantee or representation, express or implied, concerning this product. Specifically, NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PART. CULAR PURPOSE IS MADE.

- 2. Critical and unforeseeable factors beyond Valent's control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, lack of complete control over the handling and application of this product, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit under average conditions for the uses stated on the labeling and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Valent under 1 above) resulting from handling, storage, and use of the product.
- 3 Precautions stated on the labeling should be followed to avoid hazardous exposure to the product

LORSBAN\* — Reg. TM of Dew Chemical Company for chicrovir fes insecticide. PYDRIN\* - Reg. TM of E. I. du Pont de Nemiours. & Co.; tr.: for fenvalerate insecticide.

ORTHENE? = Reg. TM of Chevron Chemical Company for acceptate insecticide

ORTHENE 90 S

**EPA Reg. No. 59639-33** 

Submitted: September 18, 1989

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Causes eye irritation. Avoid contact with eyes, skin and clothing. Avoid breathing dust or spray mist. Wash hands thoroughly after handling.

#### STATEMENT OF PRACTICAL TREATMENT

If swallowed drink 1 or 2 glasses of water (or milk) and induce vomiting by touching the back of the throat with finger. If possible contact a physician, Poison Control Center, or emergency center before inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. Take person and product container to the nearest emergency treatment center. In case of eye contact, wash eyes with fresh water for 15 minutes. If irritation continues, see a doctor. For skin contact, wash skin with plenty of soap and water. If inhaled, remove person from exposure area.

Note to Physicians: Emergency Information - call (415) 233-3737. Acephate is a cholinesterase inhibitor if signs of chilinesterase inhibition appear, atropine is antidotal. 2-PAM may also be used in conjunction with atropine but should not be used alone.

#### **WORKER SAFETY**

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING/LOADING, APPLICATION, REPAIR, AND CLEANING OF MIXING, LOADING, AND APPLICATION EQUIPMENT, DISPOSAL OF THE PESTICIDE, AND [areas for which a reentry interval has been established] EARLY REENTRY INTO TREATED AREAS: chemical-resistant gloves, long sleeved shirt, long legged pants, shoes, and socks. If overhead exposure is likely, such as during flagging, wear a hood or wide brimmed hat. WORK SAFETY: Always wash hands, face, and arms with soap and water before smoking, eating, drinking or toileting. AFTER WORK: Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Personal and protective clothing worn during work must be laundered separately from household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use

#### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to birds. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Cover or soil-incorporate spills. 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 treatment area.

#### **DIRECTIONS FOR USE**

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

READ ENTIPE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

#### **REENTRY STATEMENT**

Keep all unprotected persons out of operating areau or vicinity where there may be drift.

Reentry into treated areas is prohibited for 24 hours after the end of application unless the protective clothing specified elsewhere on this label is worn. Certain states may require more restrictive reentry intervals, consult your State Department of Agriculture for further information.

Written or oral warnings regarding use of protective clothing and accidental exposure must be given to workers who are expected to be in treated areas or in areas about to be treated



# ORTHENE® 90 S

## (INSECTICIDE)

NOT REVIEWED

In Accordance with PR Notice 30-20
Based on Proft Labeling Date: 6/13/57

CAUTION
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

## **NET WEIGHT 20 POUNDS**

Manufactured for **Valent U.S.A. Corporation** © 1989 Walnut Creek CA 94596-8025 Product 5593 Made in U.S.A. R Form 256-A EPA Reg. No. 59639-33-AA

#### HRECTIONS

le not apply this product through any type of irrigation system.

		COLIC	<i>m</i>	
Crops	Insects	(Libe to Acros) (Forautated)	Forther Use Instructions	Baye to Harvee
Cotton	Thrips	1 lb. to 5 Acres (3.2 oz. per ecre)	Apply in water at 3 to 10 gals spruy per acre by air (minimum	21
	Plantbugs (Lygus)	1 lb. to 4 Acres up to 1 lb. to 1 Acre (0.25 to 1 lb. per scre)	5 gals./ ecre in CA, AZ) or 10 to 25 gals. spray per acre by ground. Apply when eggs or insects first appear. Repeat as necessary to	
		1 lb. to 2 Acres up to 1 lb. to 1 Acre (CA, AZ) (0.5 lb. to 1 lb. per acre)	Lyges — Use higher rate for hygus adults that have migrated into cotton  Beltwerm and Tohacce Bud-	
	Fleehopper	1 lb to 4 Acres (0.25 lb per acre)	werm — Early season light infes- tation use 1 lb to 2 acres Mid and	1
	Cotton Aphid Whitefly	1 lb to 2 Acres up to 1 lb. to 1 Acre (0.5 lb to 1 lb. per acre)	late season moderate to severe infestations use 1 lb to 1 acre. Apply when eggs appear and repeat at a 3 to 7 day interval.  Pink Bellworm — Apply when insects appear and repeat at a 5 to 7 day spray interval.  Do not feed gin trash to kvestock or allow animals to graze on treated areas.	
	Armyworms Cabbage Looper	1 lb to 1 Acre (1 lb per acre)		
	Bollworm Tobacco Budworm	1 lib to 2 Acres up to 1 lib. to 1 Acre (East of Rockies) (0.5 lb to 1 lb per acre) 1 lb. to 1 Acre (CA, AZ) (1 lb. per acre)		
	Sunkbugs (CA, AZ)	1 lb. to 1.25 Acre (0.8 lb. per acre)		
	Pink Bollworm (CA, AZ)	1 lb. to 1 Acre (1 lb. per acre)		

"Where a rate is given, use the higher rate when large (late instar) larvae are present or where leaky insect pressure exists.

#### **COTTON TANK MIXES**

Crops	Insects	Amount ORTHENE 98 S + LORSBAN® 4E Per Acre	Further Use Instructions	Deys to Hervest
Cotton (CA, AZ)	Armyworms Bollworm Cabbage Looper Cotton Aphid Cutworms Fleahopper Grasshoppers Pink Bollworm Plant Bugs (Lygus, Mirids) Salt Marsh Caterpillar Thrips Tobacco Budworm Whitefty	4 44 oz to 17 77 oz + 1 to 2 pts	Do not feed gin trash or treated forage to Iwestock Do not allow Iwestock to graze on treated areas	21
Crops	Insects	Amount ORTHINE 90 S + + + YGRIN® 2.4LC Per'Acre	Further Use	Days to
Cotton (Except CA, AZ)	Tobacco Budworm	8 50 07 + 2% 11 ôz	Jegin applications when eggs or incects appear and apply as incects appear and 5 gals of water with aerial equipment or in 10 to 25 gals of water with ground equipment. Do not feed gin trash to livestock or allow animals to graze treated areas.  Do not apply more than two (2) this active ingredient of PYDRIN to a crop in a growing season. All applicable directions, restrictions and precautions on the EPA registered labels are to be followed.	21

### COTTON SEED HOPPER BOX TREATMENT (EXCEPT AZ, CA AND THE BLACK LANDS OF TEXAS)

Crop	Incosts	Amount ORTHENE 90 S Per Acre	Further Voe Instructions
Cotton	Thrips Cotton Aphids Black 'Greasy) Cutworm	2.5 to 3 25 oz	Apply 2 5 to 3.25 oz. ORTHENE 90 S per acre in the planter box as a dry powder. Even coverage is required for acceptable insect control To obtain even coverage, fill planter box 1/5 full of seed, add the proper amount of ORTHENE 90 S and mix thoroughly with a stick. Add the remainder of this seed to the planter box and the additional required amount of ORTHENE 90 S followed by thorough mixing. For improved mixing, premix seed with ORTHENE 90 S in a suitable container, then pour treated seed into planter box. Loss of ORTHENE 90 S will occur if air planters are used. Plants grown from improperly covered seed will not exhibit insect control. Do not use treated seed for food or feed purposes or process for oil.

Do not apply under conditions involving pessible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

**NOTE:** This product is sold by weight and package is full when packed, but due to fluffy nature this material is inclined to settle.

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#### STORAGE AND DISPOSAL

#### **PROHIBITIONS**

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

Open dumping is prohibited.

#### STORAGE

Keep pesticide in original container.

Do not put concentrate or dilute into food or drink containers.

Store in cool, dry place. Protect from excessive heat.

Do not contaminate food or foodstuffs.

Do not store or transport near feed or food.

For help with any spill, leak, fire or exposure involving this material, call day or night (415) 233-3737.

#### **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

Completely empty bag into application equipment. Do not reuse container. Dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

#### IMPORTANT INFORMATION. READ BEFORE USING PRODUCT.

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2. Critical and unforeseeable factors beyond Valent's control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, lack of complete control over the handling and application of this product, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit under average conditions for the uses stated on the labeling and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Valent under 1 above) resulting from handling, storage, and use of the product.

3. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product.

LORSBAN®—Reg. TM of Dow Chemical Company for chlorpyrifos insecticide. PYDRIN®—Reg. TM of E. i. du Pont de Nemours & Co., Inc. for fenvalerate insecticide.

ORTHENE® -- Reg. TM of Chevron Chemical Company for acephate insecticide.