

## RESTRICTED USE PESTICIDE

Due to acute oral and dermal toxicity; and bird toxicity.

For retail sale to and application only by certified applicators or personnel under their direct supervision.



15% GRANULES SYSTEMIC INSECTICIDE FOR CONTROL OF CORN ROOTWORM AND WESTERN CORN ROOTWORM ON CORN.

<b>ACTIVE INGREDIENT</b>
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PHORATE (0,0-Diethyl S-(ethylthio) methyl)-phosphorothioate).	15%
INERT INGREDIENTS	85%
TOTAL	100%

### KEEP OUT OF THE REACH OF CHILDREN

**DANGER: PELIGRO** 

ACCEPTED

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**POISON** 



**POISON** 

PRECAUTION AL USARIO: Si usted no lee ingles, no use este producto hasta que le etiqueta le hava sido explicada ampliamente.

#### STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: DRINK 1 OR 2 GLASSES OF WATER AND INDUCE VOMITING BY TOULYING BACK OF THROAT WITH FINGER, DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON, GET MEDICAL ATTENTION.

IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS

IF IN EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES, GET MEDICAL ATTENTION.

IN CASE OF POISONING, CONTACT PHYSICIAN IMMEDIATELY.

NOTE TO PHYSICIAN: ATROPINE IS ANTIDOTE. 2-PAM IS ALSO ANTIDOTAL AND MAY BE ADMINISTERED IN CONJUNCTION WITH ATROPINE. WARNING SYMPTOMS INCLUDE VIEAKNESS, HEADACHE, TIGHTNESS IN CHEST, BLURRED VISION, NON-REACTIVE PINPOINT PUPILS, SALIVATION, SWEATING, NAUSEA, VOMITING, DIAHRHEA AND ABDOMINAL CRAMPS.

# **NET CONTENTS: 50 LBS.**

EPA REG. NO. 2749-123

EPA EST, 34704-NB-1

Manufactured For:

Aceto Agricultural Chemicals Corp. 126-02 Northern Boulevard Flushing, New York 11368

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

#### **DANGER**

Poisonous by skin contact, inhalation or swallowing. Rapidly absorbed through skin. Do not get in eyes, on skin or clothing. Wear freshly laundered long-sleeved work clothing daily. While transferring from package to equipment, wear a clean cap and gloves (rubber or cotton). If cotton gloves are used, they must be laundered or discarded after each use. Do not wear the same gloves for other work. Destroy and replace gloves frequently. In case of contact, immediately remove contaminated clothing, wash thoroughly with soap and water before eating or smoking. Do not breathe dust. While emptying bags into equipment, pour downward and allow as little free fail as possible. Do not pour at face level and do not allow dust to reach breathing zone. Fields may be re-entered on day of treatment with soil applications of the product.

in case of poisoning, contact physician immediately.

NOTE TO PHYSICIAN: Atropine is Antidote. 2-PAM is also Antidotal and may be administered in conjunction with Atropine. Warning symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.

Not for use or storage in or around the house.

Keep away from domestic animals and foodstuff.

#### **ENVIRONMENTAL HAZARD**

This product is toxic to fish, shrimp, crabs, and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Shrimp and crab may be killed at the recommended dosage rates. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

This product is toxic to bees and should not be applied when bees are actively visiting the area.

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

#### **RE-ENTRY STATEMENT**

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers.

Written warnings must include the following information:

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#### DANGER

(insert area or field description) treated with Phorate on (insert date of application). Do not enter treated areas without protective clothing until dusts have settled.

In case of accidental exposure. Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to Phorate and describe his condition. For further information see the "NOTE TO PHYSICIAN."

Oral warnings must include the same information that is in the written warnings.

#### STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Do not store under conditions which might adversely effect the container or its ability to function properly. Such conditions include but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

STORAGE: Store in safe manner. Store in original container only. Store in cool, dry place. Reduce stacking height where local conditions, such as humidity or pallet overhang can effect package strength.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper osposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then 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.

#### **GENERAL DIRECTIONS:**

WHEN USING PHORATE 15-G USE BY POURING DOWNWIND TO MINIMIZE EXPOSURE TO HANDLERS. SPILLAGE SHOULD BE REMOVED AND BURNED.

APPLY PHORATE 15-G WITH A GRANULAR PESTICIDE APPLICATOR PROPERLY CALIBRATED TO ASSURE ACCURATE PLACEMENT AND PROPER DOSAGE.

#### **DIRECTIONS FOR USE:**

Corn (at planting time) — For control of corn rootworms: Use 4 to 6.5 lbs. per acre (40 inch row spacing) or 4 to 8 czs. per 1000 feet or row (for any row spacing). Apply Phorate 15-G in a 7 inch band over the row directly behind the planter shoe in front of the press wheel. Do not place Phorate 15-G in direct contact with seed. Use the 6.5 lb. rate in areas having high rootworm populations."

Corn (post-emergence) — For control of corn rootworms; Use 4 to 6.5 lbs. per acre (40 inch row spacing) or 4 to 8 ozs. per 1000 feet of row (for any row spacing). Apply Phorate 15-G at time of cultivation in a band at base of plants just ahead of cultivator shovels so as to cover granules with soil. Apply as soon as rootworm activity is observed. Do not make any later applications after emergence treatment.

Potatoes — For control of aphilds, leafhoppers, leaf miners, psyllids, wire worms, flea beetle larvae and reduction of flea beetle adults. Use 13.2 lbs. per acre on sandy or light soils (38-inch row spacing). Use 20 lbs. per acre on heavy silt or clay loam soils (38-inch row spacing) or 13½ ozs. for sandy or light soils per 1000 ft. of row (for 38 inch row spacing), 23¼ ozs. for heavy silt or clay loam soils per 1000 ft. of row (for any row spacing). Distribute the granules evenly in the furrow or granules may be banded on each side of the row at planting time. Wait 90 days after treatment before harvesting potatoes.

Sugar Beets — for control of aphids, beet root maggots, leafhoppers, mites and leaf miners. Use 6.6 lbs. per acre (30-inch row spacing) or 6 ozs. per 1000 ft. (for any row spacing). Apply by drilling or broadcast at seeding time. Do not place Phorate 15-G in cirect contact with the seed. Do not apply within 30 days of harvest. Do not feed treated tops or sliage to dairy animals.

NSERT FOR COTTON, PEANUTS, SORGHUN, SOVBEARS, SUGAR CANE, AND WHEAT.

TYPICAL APPLICATION RATES FOR VARIOUS ROW SPACINGS
Rate — Oz./1,000 Ft. of Row

	1.6 oz.	2 oz.	4 cz.	6 oz.	8 oz.	10 oz.	12 oz.	14 oz.	16 oz.	18 oz.	20 oz.	22 oz.	24 oz.
40''				4.9	6.5	8.2	9.8	11.4	13.1	14.7	16.3	18.0	19.6
38''	]			5.2	6.9	8.6	10.3	12.0	13.7	25.5	17.2	18.9	20.6
36"				5.4	7.3	9.1	10.9	12.7	14.5	16.3	18.2	20.0	21.8
34"	<u> </u>		L	5.6	7.7	9.7	22.6	13.5	15.4	17.4	19.3	21.3	23.2
32"				8.1	8.2	10.2	12.3	14.3	16.3	18.3	20.5	22.4	24.8
30"				6.5	8.7	10.9	13.1	15.2	17.4	19.6	21.8	28.0	26.1
26"				7.1	9.5	11.8	14.2	18.6	18.9	21,3	23,7	26.0	28.4
24"			5.4	8.2	10.9	13.6	16.3	19.1	21.8	24.5	27.2	30.0	32.7
22"			5.9	8.9	11.9	14.9	17.9	21.0	24.0	26.9	29.9	33.0	35.9
20"	<u> </u>		6.5	9.8	13.1	16.3	19.6	22.8	26.1	29.3	32.6	35.9	39.1
16"			8.2	12.3	16.3	20.5	24.6	28.7	32.7	36.8	40.9		
12"		5.4	10.9	16.3	21.8	27.2	32.7	38.1	43.6				
8''	6.5	8.2	16.3	24.6	32.7	40.9						l	<u> </u>
8''	1	10.9	21.8	32.7	43.6	<u> </u>	1						I

### **EQUIVALENT POUNDS PER ACRE**

#### CALIBRATION INFORMATION

#### FIRST READ THE LABEL.

It is important that applicator equipment be properly set to deliver the labeled rate. This chart will help determine the desired row of application.

When label rate is 8 ounces per 1,000 feet of row, use these suggested starting gauge settings, regardless of row spacing:

#### PLANTING SPEED

APPLICATOR	3 mph	5 mph	7 mph	
Gandy	18	24	28	
New Noble (Square Hole)	8	12	. 16	
Old Noble (Round Hole)	11	17	23	
International Harvester	1/7.0	2/1.5	2/7.5	
New John Deere	13	19	25	
Oid John Deere	1/18	2/6	2/15	
Allis Chalmers	All Speeds—7 Gauge			

NOTE: With either method, it must be noted that the settings obtained should be used only as starting points. Continually check the amount of Phorate 15-G used against a known length of row or acreage and make further adjustments accordingly. Also, check calibration occasionally to make sure equipment wear, changing moist re conditions, etc., have not caused a change in flow rate.

#### NOTICE OF WARRANTY

ACETO WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR PURPOSES STATED ON SUCH LABEL, ONLY WHEN USED IN ACCORDANCE WITH DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF ACETO. IN NO CASE SHALL ACETO BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER. ACETO MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

CROP	PESTS	RATE	APPLICATION	REMARKS
COTTON	Early Season	4.0 ozs. per	Distribute the	Suggested for
	Aphids	1,000 ft. of	granules evenly in	
At Planting	Leaf Miners	row for any	the furrow at	limited period of
Time	Mites	row spacing	planting time.	protection
	Thrips	(minimum 36-	Soil temperature,	against early
		inch spacing)	moisture, and	season pests is
	1		tilth should be	necessary for
	(		favorable for good	
			germination and	growth. Use 2.0
	(		emergence.	1bs. PHORATE 15-Q
	İ			per acre-for
			•	hill-dropped
				cotton.
	Aphids	8.0-12.0 ozs.	Distribute the	Recommended for
	Black cutworms	per 1,000 ft.	granules evenly in	areas requiring
	Leafhoppers	of row for any	the furrow at	an extended
	Leaf miners	row spacing	planting time.	period of mite
	Mites	(minimum 36-	Soil temperature,	control as well
	Thrips	inch spacing)	moisture and tilth	as early season
	White flies		should be favor-	protection
		1	able for good	against other
			germination and	cotton pests.
	J		emergence. Under	The higher rate
	Į		adverse conditions	is suggested
			plant stand may be	00 1
			affected.	soils.
At Side-	Mites from spring	12.0-16.0 ozs.	Incorporate	Irrigate as soon
Dressing	to early summer	per 1,000 ft.	granules into soil	as possible after
Time	į	of row for any	as a side-dress	treatment. Do
(Irrigated		row spacing	application deep	not apply later
cotton only)		(minimum 36-	enough to avoid	than 60 days
	-	inch spacing)	disturbance by	before harvest.
		. 5	future cultiva-	oczore Harveat.
			tions.	
PEANUTS	Leafhoppers	7.3 ozs. per	Distribute the	Do not graze or
	Thrips	1,000 ft. of	granules evenly	feed treated hay
At Planting		row for any	in the furrow at	or forage.
Time		row spacing	planting time.	or rorage.
ĺ		(minimum 24-	For best res Its,	
		inch spacing)	plant peanuts	
·		[	when soil tempera-	
			tures are	
			favorable for	, q
l			establishing good	
1			peanut stands.	* * * * * *
At Pegging	Leafhoppers	14.6 ozs. per	Distribute the	This Constant
Time	Southern corn	1,000 ft. of	granules as a band	This Ereatment
•	rootworms	row for any		
		row spacing	over the fruiting	late infestations
		(minimum 24-	zone at pegging	of leafHoppers.
•			time. Work into	Do not graze on (
		inch spacing)	the top few inches	
			of soil immediate-	hay or, fotage.
<del></del>			ly.	

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CROP	PESTS	RATE	APPLICATION	REMARKS
SORGHUM	Aphids (Greenbugs)		Place granules 2	Do not place
		ı.	inches to side and	PHORATE granules
At Planting			l inch below the	in direct contact
Time			seed at planting	with seed. A
			or as a 7-inch	second applica-
			band over the row	tion of granules
			just prior to	may be applied
1		8.0 ozs. per	press wheel.	topica'ly after
	'	1,000 ft. of		the season.
Application	Chinch bug nymphs	row for any	Apply granules at	Later infesta-
at Cultiva-	(Colorado,	row spacing	time of cultiva-	tions of chinch
tion	Kansas, and	(minimum 30-	tion in a band at	bugs may not
,	Nebraska)	inch spacing)	base of plants or	be controlled.
	noot Long,	Inch spacing,		be concrolled.
		i I	over the row just	
l			ahead of cultiva-	Do not make any
	<u> </u>		tor so as to cover	
			granules with	PHORATE after
		!	soil. Apply as	cultivation
<b>\</b>			soon as chinch	treatment.
			bug nymphs are	
			observed at base	Do not feed
			of plants.	foliage before
			Granules must be	grain harvest.
			placed at the in-	)
ļ			fested region of	
			the plants and	
			adequately covered	
<del></del>		!	with soil.	
Application	Aphids (Greenbugs)	•	Broadcast granules	Make only one
Over the	Banks grass mites	acre	into the whorls of	application after
Plant	(excluding Trans-	1	the plants by air	plant emergence.
	Pecos area of		or ground equip-	Do not apply .
;	Texas)		ment.	within 28 days of
				harvest.
SOYBEANS	For the early	12.0 lbs. per	Distribute the	Do not place
	season control of	1,000 ft. of	granules evenly in	PHORATE granules
1	Mexican bean	row for any	the row to the	in direct contact
	beetle and leaf-	row spacing	side of the seed	with the seed.
ı	hoppers	(minimum 30-	at planting time.	Do not feed the
	<del>-</del> -	inch row	F	foliage of treat-
		spacing)		ed soybeans.
	Seedcorn maggots	12.0 ozs. per	Distribute the	
		1,000 ft. of		Crop injury may
		row for any	granules evenly in	i r
			the row to the	preplant incor-
•		row spacing	side of the seed	porated or
		(minimum 30-	at planting time,	preemergence
	1	inch row	or place granules	applications of
		spacing)	in a 7" band over	metribuzine
l			the row directly	herbicides are
		'	behind the planter	
			shoe in front of	tion with this
			the press wheel.	
			ene bress muser.	product or other
			•	soil-applied
				organophyaphate
<del></del>		L	<u> </u>	pesticides:

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SUGAR CANE	1 112	06 6 31		
1	Wireworms	26.0 lbs. per	Apply in a 10-12	
(Florida)	i .	acre	inch band directly	
			on the seed piece	ļ <u></u>
1			and surrounding	
			soil in the open	
			furrow immediately	
			before covering.	
WHEAT	Aphids (Western	1.6 ozs. per	Apply the granules	Do not feed or
	and North Central	1,000 ft. of	in the seed furrow	
Application	States Only)	row for any	at planting time.	within 45 days
at planting	Grasshoppers	row spacing	at practing triat.	of treatment.
time	Hessian fly	(minimum 8-		
		inch spacing)		Do not make any
		when spacing		later applica-
	•		:	tions after
				planting time
Application	Aphids (Western	4 5 11		treatment.
over the		6.5 lbs. per	Broadcast the	Do not apply over
rlant	States only)	acre	granules evenly	plants if appli-
1 ranc			over the field by	cation was made
	j		air equipment when	at planting time.
			aphids first	Do not make more
			appear.	than one applica-
		l .		tion over the
	i			plants. Do not
	<u> </u>			apply within 70
				days of harvest
				of grain. Do
				not feed or graze
		1		
				foliage within
				28 days of treat-
	<u> </u>	<u> </u>		ment.