PM 14 Reg. No. 9779-293 1/4 SEP 15 1992

Riverside/Terra Corporation P.O. Box 171376 Memphis, TN 38187

Gentlemen:

Subject: Revised Restrictions For Use On Beans

Phorate 20G

EPA Registration No. 9779-293

Your Labeling Submitted May 27, 1992

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

- 1. Make the labeling changes listed below before you release the product for shipment bearing the revised labeling:
 - a. Reinstate the grazing and feeding prohibition for use on sugar cane as it appeared on your label accepted for the subject product on June 19, 1989. Your application submitted for the subject revised labeling failed to include any information to support the removal of this restriction. The most recent accepted label in our file for the product referenced in support of your revised labeling (EPA Registration No. 241-25/) includes this restriction for use on sugar cane.
 - b. Update the wetlands statement appearing in the Environmental Hazards paragraph to read as follows:

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

63616:I:WP50:Mautz:WP14-3:KEVRIC:09/10/92:10/04/92

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c. Revise your restricted use classification statement from "due to acute oral and dermal toxicity and avian toxicity" to read as worded below. The change to add the reference to inhalation is based on results of your acute inhalation toxicity study submitted with your letter of February 16, 1990. The change from "avian toxicity" to avian hazards is for consistency with the wording prescribed in the Phorate Reregistration Standard of December 1988.

Due to acute oral, dermal and inhalation toxicity and avian hazards.

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

* stamped copy of the label is enclosed for your records.

Sincerely yours,

RAG

Robert A. Forrest Product Manager (14)

Insecticide-Rodenticide Branch Registration Division (H7505C)

Enclosure

RESTRICTED USE PESTICIDE

Due to acute oral and dermal toxicity and avian toxicity

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

ACCEPTED
with COMMENTS
in El'A Letter Dated:

Riverside Trademark®

SEP 15 1992

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. PHORATE 20-G

20% granuler systemic low-odor insecticide

9779-293

ACTIVE INGREDIENTS

STOP--READ LABEL BEFORE USING.

KEEP OUT OF REACH OF CHILDREN

DANGER
PELIGRO
POISON
VENENO

Skull & Crossbones
Can Cause Death

AL USUARIO
Si usted no lee ingles,
no use este producto
hasta que la etiqueta
le haya sido explicada
ampliamente.

PRECAUCION

BEST AVAILABLE COPY

Statement of Tractical Treatment

FIRST AID TREATMENT+ Call a doctor (physician), clinic, or hospital immediately. Explain that the victim has been exposed to Phorate and Jescribe his condition.

IF BREATHING HAS STOPPED, start artificial respiration immediately and maintain until doctor sees victim.

IF SWALLOWED, call a physician or poison control center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or if available, by administering syrup of ipecac. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

IN CASE OF CONTACT, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately.

See additional PRECAUTIONARY STATEMENTS on side panel.

EPA Reg. No. 9779-293

EPA Est. No. 347C4-NB-1

Manufactured For RIVERSIDE/TERRA CORP.
Terra Centre, 600 Fourth Street, Sioux City, Iowa 51101 Riverside Serves Agriculture. Agriculture Serves Everyone.

NET CONTENTS LBS.

PRECAUTIONARY STATEMENTS DANGER HAZARDS TO HUMANS AND DOMESTIC ANIMALS



CAN KILL IF SWALLOWED

This product can kill you if swallowed, even in small amounts: spray mist may be fatal if swal owed.



CAN KILL BY SKIN CONTACT
This product can kill you if touched by hands or
spilled or splashed on skin, in eyes or on clothing
(liquid goes through clothes).



CAN KILL IF BREATHED
This product can kill you if vapors or spray mist
are breathed.

PERSONAL PROTECTIVE EQUIPMENT

WEAR THE FOLLOWING PROTECTIVE CLOTHING DURING LOADING, APPLICATION, EQUIPMENT REPAIR/CLEANING, AND DISPOSAL OF THE PESTICIDE. A protective suit of one or two pieces covering all parts of the body except head, hands, and feet; chemical resistant gloves; chemical resistant shoes, shoe covering, or boots. Wear goggles and a pesticide respirator approved by NIOSHA or MSHA.

Unless a chemical resistant protective suit is otherwise required, mixers/loaders must wear a chemical resistant apron and goggles or a face shield.

The respirator need not be worn during equipment repair and cleaning and during early reentry after dust has settled.

IF APPLICATION IS PERFORMED USING AN ENCLOSED CAB OR COCKPIT, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATE: Long-sleeved shirt and long-legged pants; shoes and socks. Chemical resistant gloves must be available in the cab or cockpit and must be worn when exiting. This clothing is inadequate to protect you during equipment repair or cleaning, realtry, or pesticide disposal work. Do not allow contaminated clothing to dome in contact with the insides of the cab.

IMPORTANT! If pesticide comes in contact with skin, wash off with soap and water. Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or using the toilet.

AFTER WORK: Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear clean clothes. Do not reuse contaminated clothing. Personal 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. Respirators must be cleaned and filters replaced according to instructions included with the respirator. Clothing and protection equipment heavily contaminated must be destroyed according to state and local regulations. HEAVILY CONTAMINATED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

DURING AERIAL APPLICATION, HUMAN FLAGGERS ARE PROHIBITED UNLESS IN A TOTALLY ENCLOSED VEHICLE.

WORK SAFETY RULES

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY, WITHOUT WARNING, CAUSE PROLONGED SUSCEPTIBILITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR.

Persons working with this product should have frequent blood tests of their cholinesterase levels. If the cholinesterase level falls below a critical point, no further exposure should be allowed until it has been determined by means of blood tests that the cholinesterase level has returned to normal. Before using this product consult the National Pesticide Telecommunications Network for recommendations regarding such blood tests, poisoning management, emergency treatment, and other information regarding the toxicity of phorate. The toll free number for the National Pesticide Telecommunications Network is 1-800-858-7378.

If handled indoors provide mechanical exhause ventilation.

Keep all unprotected persons, children, livestoc., and pets away from treated areas or where there is danger of drift.

Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. See First Aid (Practical Treatment) section.

POISON SIGNS (Symptoms) 🕱 Phorate is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed persons must receive rompt medical treatment or they may die. Some of the signs and symptoms of poisoning are headache, nausea, vomiting, cramps, weakness, blurred vision, pin-point pubils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma. NOTE TO PHYSICIAN: Antidote - administer atropine sulfate in large doses. to FOUR mg. intravenously or intramuscularly as soon as cyanosis is overcome. Rep at at 5 to 10 minute intervals until signs of atropinization appear. 2-PAM chloride is also antidotal and may be administered in conjunction with atropine. DO NOT GIVE MORPHINE OR TRANQUILIZERS. Phorate is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, the gatient should be given supplemental oxygen and treated symptomatically... Continued absorption of the poison may occur and fatal relapses have been reported after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

POST TREATED AREA: Consult your State Agricultural Extension Service or Experiment Station regarding posting treated areas.



ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and wildlife. Birds feeding in reated areas may be killed. Do not apply directly to water or wetlands (swamps, bogs, marshes, and pot-holes). Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Collect or incorporate granules that are spilled during loading or are visible on soil surface in turn areas. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

Do not use this product through any type of irrigation system.

NOT FOR USE OR STORAGE IN OR AROUND THE HOME.

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RE-ENTRY STATEMENTS

After dusts have settled, do not enter or allow entry into the treated area until the 48 hour reentry interval has expired, unless the person entering the treated area is wearing the personal protective equipment listed below for early reentry.

For early reentry into treated areas, wear : protective suit of one or two pieces covering all parts of the body except head, hands, feet; chemical-resistant gloves and chemical resistant shoes, shoe coverings, or boots.

NOTICE TO CROP OWNERS

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. In case of accidental exposure follow the information given under "STATEMENT OF PRACTICAL TREATMENT" and have exposed person(s) see a physician. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is a reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: DANGER. Area treated with Phorate on (date). Do not enter without appropriate protective clothing for 48 hours. In case of accidental exposure immediately remove contaminated clothing, wash the affected area, contact your supervisor, and have him take you to the doctor.

GENERAL DIRECTIONS

When using PHORATE 20-G, pour downwind to minimize exposure to handlers. Spillage should be removed and burned. Apply PHORATE 20-G with a granular pesticide applicator properly calibrated to assure accurate placement and proper dosage.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

STORAGE

Store in a dry location away from children, animals, foods, feeds, seeds, and other agricultural chemicals. Keep container closed when not using. Do not allow water into container as this may cause deterioration of product. Handle in accordance with information given under PRECAUTIONARY STATEMENTS. Keep storage area locked when not in use. In the event of spillage or leakage, scrape up and dispose of in accordance with information given under PESTICIDE DISPOSAL. Repackage and relabel useable product in a sound container of a type approved by the U. S. Department of Transportation. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

DISPOSAL.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal 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.

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

	1.2 oz.	3 oz.	4.5 oz.	6 oz.	8 oz.	19 oz.	12 oz.	14 oz.	16 oz.	18 oz.
100	1.2 02	2 02 4								
40"	i		3.7	4.9	6.5	8.2	9.8	11.4	13.1	14.7
38"			3.9	5.2	6.9	8.6	10.3	12.0	13.7	15.5
36"			4.1	5.4	7.3	9.1	10.9	12.7	14.5	16.3
34"			4.3	5.8	7.7	9.6	11.5	13.5	15.4	17.3
32"			4.6	6.1	8.2	10.2	12.2	14.3	16.3	18.4
30"			4.9	6.5	8,7	10.9	13.1	15.2	17.4	19.6
26"			5.7	7.5	10.0	12.6	15.1	17.6	20.1	22.6
24"			6.1	8.2	10.9	13.6	16.3	19.1	21.8	24.5
20"		4.9								
18"		5.4								
16"		6.1								
12"		8.2					<u> </u>			
8"	4.9	12.2								
6"	6.5	16.3								

EQUIVALENT POUNDS PER ACRE



CROP	PESTS	RATE	APPLICATION	REMARKS
BEANS	Mexican bean	4.5-9.4 ozs.	Distribute the	Do not graze
	beetles	per 1,000 ft.		or feed treated
At Planting		of row for any	in the row to the	hay or foliage to
Time		row spacing	side of the seed	livestock.
		(minimum 30-	at planting.	Do not apply
		inch spacing)		later than 60
		4.5-7.0 ozs.	Do not place	days before
		per 1,000 ft. of row for any	PHORATE granules	harvest.
		row spacing	in direct contact with the seed	
		(minimum 30-	with the seed	
		inch spacing)		
FIELD CORN	Corn rootworms		Place granules in	Do not place
	Mites		a 7-inch band over	PHORATE granules
Application	Wireworms		the row directly	in direct contact
at planting	(North Central		behind the planter	
Time	and Southeastern		shoe in front of	additional appli-
	States only)	6.0 ozs. per	the press wheel.	cation can be
	Seed corn beetle (Iowa and Illinois	1000 ft. of		applied at culti-
	only)	row for any row spacing		vation or over
	Reduction of white	(minimum 30-		corn later in the
	grubs (North	inch spacing)		season.
	Central States	Inch opacing)		
	only)			
Application	Corn rootworms		Apply granules at	Do not make any
at Culciva-			time of cultiva-	applications of
tion			tion in a band at	PHORATE after
			base of plants	cultivation
			just ahead of	treatment.
			cultivator shovels	
			so as to cover	
			granules with	
			soil. Apply in June as soon as	
			rootworm activity	
			is observed	
	Chinch bug nymphs		Apply granules at	Later infesta-
	(Colorado, Kansas,		time of cultiva-	tions of Chinch
	Nebraska)		tion in a band at	bugs may not be
			base of plants	controlled.
			just ahead of	
			cultivator so as	Do not make any
			to cover granules	
			with soil. Apply as soon as chinch	PHORATE after
			bug nymphs are ob-	
			served at base of	-reachence
			plants. Granules	
			must be placed at	
			the infested	
			region of the	
	İ		plants and ade-	•
			quately covered	
			with soil.	

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CROP	PESTS	RATE	APPLICATION	REMARKS
FIELD CORN	Europear. corn	Broadcast the	Apply granules	Do not graze or
[borer (1st brocd)	granules over	into the whorl of	cut for forage
Application		the field by	the plant prior to	within 30 days
Over the		air or ground	tassel emergence.	of treatment. Do
Plant		equipment at		not make more
	İ	a rate of 5.0		than one appli-
į		lbs. per acre.		cation over the
į į	Corn leaf aphid		Apply granules	plant. Do not
1	Mites		into the whorl of	apply under pro-
		·	the plant.	longed drought
1				conditions.
			İ	Consult your
į	 			State Experiment
ļ	l			Station or State
				Extension Service
ļ				for proper timing
				of application.
SWEET CORN	Corn rootworms		Place granules in	Do not place
1	Mites		a 7-inch band ove	
Application	Seed corn beetle		the row directly	in direct contact
at Planting	(Iowa & Illinois		behind t'e planter	with seed. One
Time	only)		shoe in front of	additional treat-
	Reduction of wire-	•	the press wheel.	ment can be made
	worms (North	1,000 ft. of		at cultivation.
	Central and	row for any		
	Southeastern	row spacing		
1	States only)	(minimum 30-		
	1	inch row		
Į.		spacing)		
Application	Cort rootworms		Apply granules at	Do not make any
at Cultiva-	!		time of cultiva-	later applica-
tion	-		tion in a band at	tions after
			base of plants	cultivation
}			just ahead of cul-	treatment.
<u> </u>			tivator shovels	
-			so as to cover	
1			granules with	
			soil. Apply in	
ļ			June as soon as	ļ
Ţ			rootworm activity	!
	<u> </u>	<u> </u>	is observed.	

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CROP	PESTS	RATE	APPLICATION	REMARKS
COTTON	Early Season	3.0 ozs. per	Distribute the	Suggested for
Ì	Aphids	i,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
	ì		tilth should be	necessary for
	i		favorable for good	good cotton
		ŀ	germination and	growth. Use 1.5
			emergence.	lbs. PHORATE 20-Q
Ì		1	_	per acre for
i I]			hill-dropped
i i				cotton.
	Aphids	6.0-9.0 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
ļ			able for good	against other
			germination and	cotton pests.
	•		emergence. Under	The higher rate
!			adverse conditions	is suggested
!			plant stand may be	for heavier
ļ			affected.	soils.
At Side-	Mites from spring	9.0-12.0 ozs.	Incorporate	Irrigate as soon
Dressing	to early summer	per 1,000 ft.	granules into soil	
Time		of row for any		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.
			future cultiva-	Į į
L	<u> </u>	<u> </u>	tions.	

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CROP	PESTS	RATE	APPLICATION	REMARKS
PEANUTS	Leafhoppers	5.5 oza. 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 Lo
Time	j	row spacing	planting time.	livestock.
		(minimum 24-	For best results,	
		inch spacing)	plant peanuts	
1			when soil tempera-	1
<u> </u>	Į.		tures are	
{			favorable for	
}			establishing good	
			peanut stands.	
At Pegging	Leafhoppers	11.0 ozs. per	Distribute the	This treatment
Time	Southern corn	1,000 ft. of	granules as a band	
}	rootworms	row for any	over the fruiting	
<u> </u>		row spacing	zone at pegging	of leafhoppers.
}		(minimum 24-	cime. Work into	Do not graze or
•		inch spacing)	the top few inches	
}			of soil immediate-	hay or forage.
POTATOES	Anhia		ly.	
POTATOES	Aphids		Distribute the	Waic 90 days
At Planting	Flea beetle larvae		granules evenly	after treatment
Time	and reduction of flea beetle	, , , , , , , , , , , , , , , , , , , ,	in the furrow or	before harvest-
l rim6	adults	ft. of row for	G	ing potatoes.
<u> </u>	Leafhoppers	any row	banded on each	
}	Leafminers	spacing (mini- (mum 32-inch		
}	Psyllids		planting time.	[
}	Wireworm ^c	spacing)		
	WATC WOT III	Heavy or Clay		
)		Soils: 17.3		
		ozs.per 1,000		
Ì		ft. of row for		
}	}	any row		
		spacing (mini-		ĺ
	}	mum 32-inch		
<u>'</u>		spacing)		
}			•	
	Colorado potato	Heavy or Clay		
[beetle (early	Soils: 17.3		
(season control)	ozs. per 1,000		
	·	ft. of row for		
{		any row		
{		spacing (mini-		
		mum 32-inch		
L		spacing)		

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CROP	PESTS	RATE	APPLICATION	REMARKS
SORGHUM	Aphids (Greenbugs)		Place granules 2	Do not place
Į			inches to side and	
At Planting	ļ		l inch below the	in direct contact
Time			seed at planting	with seed. A
1			or as a 7-inch	second applica-
1			band over the row	tion of granules
Į.			just prior to	may be applied
· ·		6.0 ozs. per	press wheel.	topically 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)	ase of plants or	be controlled.
}			over the row just	
}	}		ahead of cultiva-	Do not make any
]	,		tor so as to cover	
]			granu wit	PHORATE after
			soil. Apply as	cultivation
			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-	grain narvest.
			fested region of	1
}	}	į	the plants and	
			adequately covered	1
	1		with soil.	
Application	Aphids (Greenbugs)	4.9 lbs. per	Broadcast granules	Make only one
Over the	Banks grass mites	acre	into the whorls of	
Plant	(excluding Trans-	_	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	9.0 oz. per	Distribute the	Do not place
	season control of		granules evenly in	
At Planting	Mexican bean	row for any	the row to the	in direct contact
Time	beetle and leaf-	row spacing	side of the seed	with the seed.
	hoppers	(minimum 30-	at planting time.	Do not feed the
}	,	inch row	at planting time.	
)	Ì	spacing)	i	foliage of treat- ed soybeans.
}	Seedcorn maggots	9.0 ozs. per	Distribute the	
1		1,000 ft. of	granules evenly in	Crop injury may
]	j	row for any	the row to the	preplant incor-
l		row spacing	side of the seed	porated or
1	}	(minimum 30-	at planting time.	<u>_</u>
}		inch row	or place granules	preemergence
	ļ	spacing)	in a 7" band over	applications of metribuzine
}		-6	the row directly	herbicides are
1				l l
}			behind the planter	
			shoe in front of	tion with this
i			the press wheel.	product or other
1		!		soil-applied
1	1		'	organophosphate
1			,	pesticides.
}				<u> </u>
L	L			1

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CROP	PESTS	RATE	PLICATION	REMARKS
SUGAR BEETS	Aphids	4.5 ozs. per	ication should	Do not place
	Beet root maggots	1,000 ft. of	ue made by drill-	PHORATE granules
At Planting	Leafhoppers	row for any	ing or broadcast	in direct contact
Time	Leafminers	row spacing	at seeding time.	with the seed.
	Mites	(minimum 20-		Do not apply
		inch spacing)		within 30 days of
Post-	Aphids	4.9-7.5 lbs.	Apply to foliage	harvest. Do not
emergence	Mites	per acre	when plants are	feed sugar beet
			dry. Use the	tops or silage to
			higher rate to	dairy cattle.
			dense foliage for	Consult your
			good coverage.	state experiment
			Foliar application	
			by air may be used	
			for aphid control	for proper timing
		'	when wet soil	of application
	Ì		prohibits ground	in your area.
411010		10 6 11	application.	
SUGAR CANE	Wireworms	19.5 lbs. per	Apply in a 10-12	
(Florida)		acre	inch band directly	
			on the seed piece	
			and surrounding	
			soil in the open	
	,		furrow immediately	
1717.47	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 3	before covering.	S 6
WHEAT	Aphids (Western	1.2 ozs. per	Apply the granules	
1 : :	and North Central	l ,	in the seed furrow	
Application	States Only)	row for any	at planting time.	within 45 days
at Planting	Grasshoppers Hessian fly	row spacing (minimum 8-	Ì	of treatment.
rme	nessian rry	l '		Do not make any
		inch spacing)		later applica-
	1		}	tions after
				planting time
Annlication	Aphids (Western	/ 9 lbo por	Broadcast the	treatment.
Application Over the	States only)	4.9 lbs. per	· ·	Do not apply over
Plant	States only)	acre	granules evenly	plants if appli- cation was made
rianc			over the field by	
	Į.		air equipment when aphids first	Do not make more
			1 ·	1
			appear.	than one applic
	,			
		1]	plants. Do not
				apply within 70
				days of harvest
		1		of grain. Do
				not feed or graze
				foliage within
1			,	28 days of treat
	<u> </u>	<u> </u>	. i_ .	ment.

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CALIBRATION INFORMATION

FIRST READ LABEL. It is essential that applicator equipment be properly set to deliver the labeled rate. The chart below contains suggested starting gauge settings for calibration at planting speeds of 5 or 7 mph and application rates of 4.5, 6.0, or 9.0 oz./1,000 ft. of row.

	SUGGESTE	GRANULAR	APPLICAT	OR SETTING	;		
		At 5 MPH		At 7 MPH			
Applicator	4.5 oz.	6.0 oz.	9.0 oz.	4.5 oz.	6.0 oz	. 9.0	oz.
New Gandy	15	18	22	18	21	25	
New Noble	6	8	11	8	11	14	
Old Noble	8	11	16	12	15	22	
International							
Harvester	1/5	1/7	2/1	1/7	2/0	2/8	
New John Deere	9	13	10	13	19	26	
Newest John Deerel	9	11	14	11	13	17	
Old John Deere	1/23	1/26	2/3	1/26	1/32	2/14	
Allis Chalmers	4	5	7	4	5	7	

¹With aluminum funnel.

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NOTE: The settings in this table SHOULD ONLY BE USED AS STARTING POINTS. Continually check the amount of PHORATE 20-G used against a known length of row and make further adjustments accordingly. Also check calibration occasionally to make sure equipment wear, changing moisture conditions, or other factors have not caused a change in flow rate.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or u der conditions not reasonably foreseeable to Seller and Buyer assumes the risk of any such use.