5481-526

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

OCT 18 2006

Mr. John C. Wood Director of Registrations Amvac Chemical Corporation 4695 MacArthur Court, Suite 1250 Newport Beach, CA 92660

Subject: Thimet 10G EPA Reg. No. 5481-526 Labeling Submitted August 10, 2006, As Revised With E-Mails of October 5, 2006 and October 17, 2006

Dear Mr. Wood:

The labeling for the product referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, As Amended (FIFRA), is acceptable as a product registration amendment provided that you submit two copies of your final printed label for the product incorporating the following corrections before you release the product for shipment. Acceptance of the labeling does not constitute reregistration of the product.

1. Correct the typo in the First Aid statement for the "if swallowed" statement from "Do no give ____" to "Do not give ____".

2. Correct the statement under engineering controls on page 4 from "loaders must be provided and must have immediately available for use in case of ____" to read as cited below.

"____loaders must be provided and must have immediately available for use and must wear if a broken package, spill or equipment breakdown occurs: ____."

3. Make the following corrections in the environmental hazards section so that it is consistent with the RED labeling revisions:

- Correct the third sentence from "Drift and runoff may be ___" to "Runoff may be ___".

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- Correct the fifth sentence from "___ when disposing of equipment wastewater." to "___ when disposing of equipment wasewater or rinsate."

4. Correct the waterproof gloves in the early reentry PPE on page five to chemical resistant gloves made of any waterproof maerial.

5. Correct the warranty and disclaimer statements so that they are consistent with the Agency policy regarding such statements. The current Label Review Manual (guidance document on the OPP website at http://www.epa.gov/oppfead1/labeling/lrm/) incorporates these policy statements. The attachment contains examples of problematic warranty statements. The problematic portions of the label statements are stricken, and necessary language is added in red.

The attachment shows the addition of the phrase, "to the extent consistent with applicable law" to the disclaimers of liability and damages to avoid the statements being false or misleading. Some states or localities may not allow certain disclaimers of liability or damages; therefore, the user/buyer may have a remedy under other law governing warranties.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended label constitutes acceptance of this condition.

A stamped copy of the label for the subject product is enclosed for your records.

Any issuance of reregistration for the product must await resolution of the application rate/efficacy issue.

The Agency has completed the cumulative assessment for the organophosphate pesticides (OP)s and finalized the Interim Reregistration Eligibility Decisions (IREDs) for the OP pesticides. The assessment and supporting documents may be found on the Agency's web site at www.epa.gov/pesticides/cumulative and in the docket (EPA-HQ-OPP-2006-0618).

Sincerely,

Marlyn A. Mautz

Marilyn A. Mautz Biologist Insecticide-Rodenticide Branch Registration Division (7504P)

Attachments: Examples of warranty statements Stamped label

	RESTRICTED USE CLASSIFICATION Due to acute oral, dermal, and inhalation toxicity and avian hazards
For retail sale	to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.
	THIMET [®] 10-G
41 1	SOIL AND SYSTEMIC INSECTICIDE
<u>Alternate</u>	Wording when packaged in LOCK 'N LOAD: LOCK 'N LOAD [®] CLOSED LOADING SYSTEM
Alternate V	Vording when packaged in SMARTBOX: SMARTBOX [®] CLOSED LOADING SYSTEM
ACTIVE ING	REDIENT: By Weight
)-diethyl S-[(ethylthio) methyl] phosphorodithioate
	EDIENTS:
FOTAL	100.0% ACCEPTED with COMENTS
EPA Reg. No.: 5	481-526 EPA Est. No in EPA Letter Dated:
	KEEP OUT OF REACH OF CHILDREN 0CT 1 8 2006 Under the Federal Insecticide,
	DANGER/POISON/PELIGRO Fungicide, and Rodenticide Act
	Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. As amended, for the pesticide
·······	(If you do not understand the label, find someone to explain it to you in detail.) FIRST AID Contains an organophosphate that inhibits cholinesterase S481-526
If swallowed:	Contains an organophosphate that inhibits cholinesterase. <u>5987526</u> Call a poison control center or doctor immediately for treatment advice.
II swanoweu:	 Can a poison control center of doctor infinentiality for freament advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do no give anything by mouth to an unconscious person.
If inhaled:	 Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
If on skin or	Take off contaminated clothing.
clothing:	 Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
If in eyes:	 Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Antidote:	Atropine is an antidote.
	EMERGENCY INFORMATION
FOLLOWING EM Transportation: CH	container or label with you when calling a poison control center or doctor, or going for treatment. FOR THE IERGENCIES, PHONE 24 HOURS A DAY: IEMTREC
Warning symptom	NOTE TO PHYSICIAN s include weakness, headache, tightness in chest, blurred vision, nonreactive pinpoint pupils, salivation, nausea, , and abdominal cramps. Give atropine intramuscularly or intravenously, depending on severity of poisoning, 2 to 4
milligrams every 1 milligrams, or mor postural drainage.	0 minutes until fully atropinized as shown by dilated pupils, dry flushed skin and tachycardia. Twenty to thirty e, may be required during the first 24 hours. Never give opiates or phenothiazine tranquilizers. Clear chest by Artificial respiration or oxygen administration may be necessary. Observe patient continuously for at least 48 in the exposure to any cholinesterase inhibitor until cholinesterase regeneration has taken place as determined by
blood tests. Probab Pralidoxime chlori EE SIDE/BACK P	ole muscosal damage may contraindicate the use of gastric lavage. de (2-PAM; PROTOPAM chloride) may be effective as an adjunct to atropine. Use according to label directions. ANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.
vet Contents: A	As Marked on Container

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4100 E. Washington Blvd. Los Angeles, CA 90023 U.S.A 1-323-264-3910 • www.amvac-chemical.com 3 715

PRECAUTIONARY STATEMENTS

DANGER

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Fatal if swallowed, inhaled or absorbed through the skin. Do not breathe dust. Do not get in eyes, on skin, or on clothing.

Corrosive. Causes irreversible eye damage.

Do Not Breathe Dust.

Do Not Contaminate Food or Feed Products.

Once a container has been opened, use it completely. Make sure the hoppers are emptied while still in the field. Refer to **STORAGE AND DISPOSAL** statement for further instructions.

Keep Out of Reach of Domestic Animals. Not for Use or Storage in or around the Home.

WORK SAFETY RULE

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 exposures 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 Information Center for recommendations regarding such blood tests, poisoning management, and other information regarding the toxicity of phorate. The toll free number for the National Pesticide Information Center is 1-800-858-7378.

If handled indoors, provide mechanical exhaust ventilation.

Keep all unprotected persons, children, livestock 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** section.

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PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are those made of waterproof material. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart.

Loaders, applicators and other handlers using engineering controls must wear:

- Long sleeved shirt and long pants
- Shoes plus socks
- In addition, loaders must wear:
- Chemical-resistant gloves (such as those made of waterproof material)

See Engineering Controls for additional requirements

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Wash all PPE after each day's use.

Do not reuse contaminated clothing. Clothing and protection equipment heavily contaminated must be destroyed according to state and local regulations. HEAVILY CONTAMINATED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

IMPORTANT: All other handlers performing tasks such as spill clean up or equipment cleaning, for which engineering controls are not feasible must wear:

- coveralls over long sleeved shirt and long pants
- chemical-resistant footwear plus socks
- chemical resistant gloves
- protective eyewear
- a NIOSH-approved dust/mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH approved respirator with any N, R, P, or HE filter, and
- chemical resistant apron if exposed to the concentrate.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Failure to follow precautions including wearing proper Personal Protective Equipment may result in serious or even life threatening poisoning requiring immediate medical attention. The active ingredient in this granular formulation can be absorbed through skin to cause poisoning.

ENGINEERING CONTROLS

This product is formulated into an enclosed system that meets the definition of a closed loading system as defined by the Worker Protection Standard for Agricultural Pesticides; i.e Lock 'n Load [40 CFR 170.240 (d)(4)]. In addition to wearing the required PPE for handlers using engineering controls, loaders must be provided and must have immediately available for use in case of a broken package, spill or equipment breakdown:

- protective eyewear
- chemical-resistant apron
- chemical-resistant footwear
- and NIOSH-approved dust/mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH approved respirator with any N, R, P, or HE filter

Applicators must use an enclosed cab that meets the definition in the Worker Protection Standard for Agricultural

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Pesticides for dermal protectio h addition the applicator:

- Must wear PPE required for handlers using engineering controls
- Must either use an enclosed cab that also provides equivalent respiratory protection to a dust/mist filtering respirator or wear a NIOSH-approved dust/mist filtering respirator with MSHA/NIOSH approval number prefix TC-21-C or a NIOSH approved respirator with any N, R, P, or HE filter

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- Must be provided and must have immediately available for use and must wear if they must exit the cab in the treated area: protective eyewear, coveralls, chemical-resistant gloves, chemical-resistant footwear, and, if using an enclosed cab that provides respiratory protection, a NIOSH-approved dust/mist filtering respirator with MSHA/NIOSH approval number prefix TC-21-C or a NIOSH approved respirator with any N, R, P, or HE filter
- Take off any PPE that was worn in the treatment area before reentering the cab, and
- Store all such PPE in a chemical resistant container, such as a plastic bag, to prevent contamination of the inside of the cab.

ENVIRONMENTAL HAZARDS

This pesticide is very highly toxic to fish and wildlife.

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

Birds and mammals may be killed if granules are not properly covered with soil in all areas of the treated field and in loading areas.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This label must be in possession of the user at the time of pesticide application.

Do not use this product on any crop on Long Island, New York. Do not apply this product by air. Do not apply more than one application of **THIMET 10-G** per crop per season.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not apply this product to saturated soils. Do not apply in wet soil conditions that may prevent the equipment from covering pesticide granules. Do not apply while precipitation conducive to runoff is occurring or while conditions favor runoff from the treated area. Do not apply when forecasted precipitation event favors runoff from treated area.

Under some conditions Phorate may have a high potential for runoff into surface water for several days following application. Do not apply in the following areas:

- Frequently flooded areas
- Areas where intense or sustained rainfall is forecast to occur within 48 hours

Use Best Management Practices (BMPs) for minimizing surface runoff in the following areas:

- Poorly drained or wet soils with readily visible slopes toward adjacent surface water
- Areas over-laying extremely shallow ground water
- Areas with in-field canals or ditches that drain to surface water
- Areas not separated from adjacent surface waters with vegetated filter strips
- Areas over-laying tile drainage systems that drain to surface water

When used on erodible soils, BMPs for minimizing runoff should be followed. Consult your local soil conservation service for recommendations in your use area.

In particular, where highly erodible land (HEL) is adjacent to aquatic bodies, a 66 foot buffer/setback area should be 526-060809r1_ Thimet 10G Page 4 of 13

left in grass or other natural ve ation.

Do not apply within 50 feet of any drinking water well to minimize potential contamination.

Do not wash, load, or empty application equipment near any well, as this practice is a potential source of ground water contamination.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours. The REI is 72 hours in outdoor areas where average annual rainfall is less than 25 inches a year.

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls over long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear

Notify workers of application by warning them orally and by posting warning signs at entrances to treated areas.

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BEFORE USING, READ PRECAUTIONARY STATEMENTS

THIMET 10-G should be applied with a granular pesticide applicator properly calibrated to assure accurate placement and proper dosage. Cover granules that may be exposed on the ends of the treated rows and turns and loading areas by deep discing immediately after treating fields.

Crops	Pests Controlled	Rate of Thimet 10-G	Application	Remarks
BEANS	Mexican bean beetles	9.8-18.6 oz per 1,000 ft	Drill granules to the	Do not place THIMET
At Planting		of row for any row spacing (30-inch minimum) or no more than 20.4 lb/A	side of the seed. Granules must be incorporated into the soil.	10-G granules in direct contact with seed.Do no graze or feed treated hay or forage to livestock.
	Leafhoppers Aphids Lygus bugs Thrips Mites Seedcorn maggots	9.0-14.0oz per 1,000 ft of row for any row spacing (30-inch minimum) or no more than 15.2 lb/A		Do not apply later than 60 days before harvest. Do not apply more than one application of THIMET 10-G per crop season.
	Seedcorn maggots		Apply granules in a band over the row. Granules must be incorporated into the soil.	Use the high rate under heavy pest pressure.
FIELD CORN AND SWEET CORN (excluding popcorn) At Planting	Corn rootworms Wireworms White grubs Seedcorn maggots Seedcorn beetles Flea beetles Mites	9.0-12.0oz per 1,000 ft of row for any row spacing (30-inch minimum) or no more than 13.0 lb/A		Do not use in-furrow application. For field corn: Accent [®] herbicide and Beacon [®] herbicide may be applied after BANDED applications of THIMET 10-G . Refer to the Accent and Beacon labels for pertinent use directions and precautions. Do not apply more than one application of THIMET 10-G per crop per season.

D CORN ind (Arkansas, Colorado, Indiana and Missispip). 9.0-12 0cc per 1,000 ft of ant spire indiana spire indina spire indin spire indiana spire indina spire indiana		······································	·····	·····	1 2
dding sweet and mrn) (Arkansas, Louisiana, Mississipi). Tennessee, Texas)of row for any row spacing (30-inch minimum) or on more than 13.0 lb/Abase of plants just ahead of cultivation showles so as to cover dayly as soon as chinch bug sympts are observed at base of plants and adequately covered with soil.chinch bugs may not be controlled.TON antingEarly season control of: anting4.5-6.0 oz per 1,000 ft of cov for any spacing (30-inch minimum) or of ow for any spacing (30-inch minimum) or of ow for any spacing (30-inch minimum) or no more than 6.6 lb/ADo not apply more than one application of THIMET 10-G per crop season.TON antingEarly season control of: anting4.5-6.0 oz per 1,000 ft of cov for any spacing (30-inch minimum) or no more than 6.6 lb/ADistribute the granules wenly in the favorable for good germination and emergence.Suggested for areas where limited period of treated hay or forage to livestock.TON antingMites traines12.0-18.0 oz per 1,000 ft of row for any row granules wenly in the favorable for good soil.Suggested for areas where limited period of treated hay or forage to livestock.TON maningMites traines12.0-18.0 oz per 1,000 ft of row for any row granules wenly in the granules wenly in the hard to a 3 hb THIMET to-G per are).Do not apply more than on application of treated hay or forage to livestock.TON maningMites Thrips Aphids12.0-18.0 oz per 1,000 ft for row for any row space of the top of or mite control as period of mite control asTONMites <b< th=""><th>Crops</th><th>Pests Co Iled</th><th></th><th></th><th></th></b<>	Crops	Pests Co Iled			
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Leafhoppers than 16.4 lb/A temperature, moisture protection against other					
Whiteflies and tilth should be cotton pests. The higher					
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ft of row for 30-inch germination and heavier soils. Do not row spacing or no more emergence. Under graze or feed treated hay					graze or feed treated hay

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Crops	Pests Co)lled	Rate of Thimet 10-G	Apr. tion	Remarks
		than 16.4 lb/A	adverse conditions plant stand may be affected. Granules must be	or forage to livestock. Crop injury may occur if applications of diuron-
			incorporated into the soil.	containing herbicides such as Karmex and Direx are made in conjunction with soil- applied organophosphate pesticides.
				Do not apply more than one application of THIMET 10-G per crop season. Use the high rate under
				heavy pest pressure.
COTTON Side-Dressing (Irrigated Cotton	Mites from spring to early summer	18.0-24.0 oz per 1,000 ft of row for any row spacing (36-inch minimum) or no more	Incorporate granules into the soil as a side- dress application deep enough to avoid	Irrigate as soon as possible after treatment. Do not apply later than 60 days before harvest.
in Arizona and California Only)		than 21.8 lb/A 15.0-20.0 oz per 1,000 ft of row for 30-inch	disturbance by future cultivations. Granules must be	Do not graze or feed treated hay or forage to livestock.
		row spacing or no more than 21.8 lb/A	incorporated into the soil.	Crop injury may occur if applications of diuron- containing herbicides such as Karmex [®] herbicide or Direx [®] herbicide are made in conjunction with soil- applied organophosphate pesticides.
				Do not apply more than one application of THIMET 10-G per crop season. Use the high rate under
				heavy pest pressure.
PEANUTS At Planting	Thrips Leafhoppers	8.5 oz per 1,000 ft of row for any row spacing (24-inch minimum) or no more than 11.6 lb/A	Distribute the granules evenly in the furrow at planting time. For best results,	Do not graze or feed treated hay or forage to livestock.
			plant peanuts when soil temperatures are favorable for establishing good peanut stands.	Wait 90 days after treatment before harvesting peanuts. Do not apply more than
			Granules must be incorporated into the soil.	one application of THIMET 10-G per crop season.
				Use on peanuts at pegging is prohibited.

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Crops	Pests Co	Rate of Thimet 10-G	App tion	Remarks
DOTATION				
POTATOES	Aphids Leafhoppers	Light or Sandy Soils: 17.0-22.6 oz per 1,000	Distribute the granules evenly in the	Wait 90 days after treatment before
At Planting	Leafminers	ft of row for any row	furrow or band on	harvesting potatoes.
	Psyllids	spacing (32-inch	each side of the row	nui vooting potatoob.
	Wireworms	minimum) or no more	and incorporate.	Use the high rate under
	Flea beetle larvae and	than 23.0 lb/A		heavy pest pressure.
	reduction of flea beetle adults		Granules must be incorporated into the	
	beene aduns	Heavy or Clay Soils:	soil.	
		26.0-34.6 oz per 1,000		
		ft of row for any row		
		spacing (32-inch		
		minimum) or no more than 35.4 lb/A		
	Colorado potato	Heavy or Clay Soils:	-	Wait 90 days after
	beetle (early season	26.0-34.6 oz per 1,000		treatment before
	control)	ft of row for any row		harvesting potatoes
		spacing (32-inch		
		minimum) or no more		Do not use for Colorado
		than 35.4 lb/A	•	potato beetle control on the DelMarVa Peninsula.
				Do not apply more than
				one application of
				THIMET 10-G per crop season.
				season.
				Use the high rate under
				heavy pest pressure.
POTATOES	Aphids	Light or Sandy Soils:	For postemergence	Wait 90 days after
Dont Emongene	Leafhoppers	17.0-22.6 oz per 1,000	treatment: Place	treatment before
Post Emergence	Colorado potato beetle (early season	ft of row for any row spacing (32-inch	granules on each side of the row at the level	harvesting potatoes.
	control)	minimum)	of the seed pieces	Do not use for Colorado
		Do not use on heavy	before covering at	potato beetle control on
	Wireworms	soils.	hilling. Apply 4 to 6	the DelMarva Peninsula.
	(suppression only)		weeks after planting.	Do not apply more than
			Granules must be	one application of
			incorporated into the	THIMET 10-G per crop
			soil.	per season
				Use the high rate under
				heavy pest pressure.
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Crops	Pests Co Illed	Rate of Thimet 10-G	App tion	Remarks
SORGHUM	Greenbugs	9.0-12.0 oz per 1,000 ft	Place granules in a 7-	Do not place THIMET
	C C	of row for any row	inch band over the	10-G granules in direct
At Planting		spacing (30-inch	row directly behind	contact with seed.
		minimum) or no more	the planter shoe in	
		than 13.0 lb/A.	front of or behind the	Do not apply more than
			press wheel and	one application of
			lightly incorporate.	THIMET 10-G per crop
			OR drill 1 inch below	per season
			and 2 inches to the	For station
			side of the seed.	Use the high rate under
				heavy pest pressure.
			Granules must be	
			incorporated into the	
			soil.	
SORGHUM	Chinch bug nymphs	1	Apply granules to	Later infestation of
	(Colorado, Kansas,		base of plants just	chinch bugs may not be
At Cultivation	Nebraska)		ahead of cultivation	controlled.
;			shovels so as to cover	
			granules with soil.	Do not feed foliage
			Apply as soon as	before grain harvest.
			chinch bug nymphs	
			are observed at base	Do not apply within 30
			of plants. Granules	days of harvest.
			must be placed at the	
			infested region of the	Do not graze within 30
			plants and adequately	days after application.
			covered with soil.	
				Do not apply more than
			Granules must be	one application of
			incorporated into the	THIMET 10-G per crop
			soil.	per season
				Use the high rate under
				heavy pest pressure.
SOYBEANS	For early season	12 5 oz por 1 000 ft of	Drill gronules to the	Do not place THIMPT
JUIDEANS	control of:	13.5 oz per 1,000 ft of row for any row spacing	Drill granules to the side of the seed.	Do not place THIMET 10-G granules in direct
At Planting	Mexican bean beetles	(30-inch minimum) or	side of the secu.	contact with seed.
	Leaf Hoppers	no more than 14.8 lb/A	Granules must be	contact with secu.
	Lygus bugs	no more mail 14.0 10/A	incorporated into the	Do not feed the foliage of
	Seedcorn maggots		soil.	treated soybeans.
	Thrips			avaluu soyucalis.
	Aphids			Crop injury may result
	Mites			when preplant
	111100			incorporated or
				preemergence
				applications of
				metribuzin herbicides are
L	l		l	used in conjunction with

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Crops	Pests Co)lled	Rate of Thimet 10-G	App tion	Remarks
	Seedcorn maggots		Place granules in a 7-	this product or other soil-
			inch band over the	applied organophosphate
			row directly behind	pesticides.
			the planter shoe and in front of the press	Do not on the more than
· .			wheel.	Do not apply more than one application of
			witcol.	THIMET 10-G per crop
			Granules must be	per season
			incorporated into the	
			soil.	
		с.		
SUGAR BEETS	Aphids	6.8-9.0 oz per 1,000 ft	Drill granules to side	Do not place THIMET
	Beet root maggots	of row for any row	of the seed OR place	10-G granules in direct
At Planting	Leafhoppers	spacing (20-inch	granules in a band	contact with the seed.
	Mites	minimum) or no more	over the seed and	
	Leafminers	than 14.8 lb/A	lightly incorporate.	Do not apply within 30
				days of harvest.
			Granules must be	
			incorporated into the soil.	Do not apply more than
			Soll.	one application of THIMET 10-G per crop
				season.
		• •		
·]	Use the high rate under
				heavy pest pressure.
SUGAR BEETS	Mites	9.8-15.0 lb per acre	Direct granules over	Do not apply within 30
	Aphids		the row towards the	days of harvest.
Postemergence	Beet root maggots		base of the plants.	Demothered
			Lightly incorporate granules into the soil	Do not broadcast.
			using tines, shovels,	Consult your state
			or a rotary hoe.	experiment station or
				state extension service fo
			Granules must be	proper timing of
			incorporated into the	application in your area.
			soil.	
				Do not apply more than
•				one application of
				THIMET 10-G per crop
				season.
				Use the high rate under
				heavy pest pressure.
				The fooding of
				The feeding of sugar beet tops or silage to dairy
				cattle is prohibited.
SUGAR CANE	Wireworms	29.2-39.0 lb per acre	Apply in a 10-12 inch	Do not graze or feed
			band directly on the	treated hay or forage to
Florida)			seed piece and	livestock.
			surrounding soil in	
			the open furrow	Do not apply more than
			immediately before	one application of
			covering with soil.	THIMET 10-G per crop
				season.
			Granules must be	
			incorporated into the	Use the high rate under
			soil.	heavy pest pressure.

	APPLICATION RATE (ounces per 1,000 ft of row)									
	2.4	6.0	9.0	12.0	16.0	20.0	24.0	28.0	32.0	36.0
40"			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								
8"	4.9	12.2								1
6"	6.5	16.3								

USE RATES AS POUNDS PER ACKÉ

To determine other use rates, in pounds per acre:

Take desired rate (ounces) and divide by 1,000 ft of row, divide by 16 oz/lb, divide by row width in feet, multiply by 43,560 ft²/A = lb/A.

Example: For 10 oz in 1,000 ft of row, 36 inch row width (3 ft):

 $(10 \text{ oz})(43,560 \text{ ft}^2/\text{A}) \div (1,000 \text{ ft row})(16 \text{ oz/lb})(3 \text{ ft row width}) = 9.075 \text{ lb/A}$

CALIBRATION INFORMATION

It is important that applicator equipment be properly set to deliver the labeled rate. The table 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 per 1,000 ft of row.

NOTE: The settings in this table SHOULD ONLY BE USED AS STARTING POINTS. Continually check the amount of **THIMET 10-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, etc. have not caused a change in flow rate.

SUGGESTED GRANULAR APPLICATOR SETTING ¹									
	Plan	ter Speed 5	mph	Planter Speed 7 mph					
Applicator	4.5 oz.	6.0 oz.	9.0 oz.	4.5 oz.	6.0 oz.	9.0 oz.			
John Deere Max-Emerge 2	14	17	23	17	21	33			
John Deere Max-Emerge 2 with Chemizer Rotors	15	18	26	19	24	36			
John Deere Max-Emerge (Odd Notches 5-15-25-35)	9	11	14	11	13	17			
John Deere Max-Emerge (Even Notches 0-10-20-30)	9	13	20	13	19	26			
John Deere 71 Flexi-Planter (John Deere Metal Hoppers)	1/23	1/26	2/3	1/26	1/32	2/14			
New International Harvester (2 gauges hopper)	1/9	2/2	2/6	2/2	2/5	3/3			
Old International Harvester (1 gauge hopper)	1/6	1/8	2/3	1/9	2/2	2/9			
New Gandy	15	18	22	18	21	25			
New Noble	6	8	11	8	11	14			
Old Noble	8	11	16	12	15	22			
Allis Chalmers (78 and 79 Series)	4	5	7	4	5	7			
Allis Chalmers #385	10	11	14	11	13	18			
White 6000	9	12	16	12	16	19			
Kinze (even 0-10-20-30)	6	9	13	9	12	17			

¹Suggested Starting point only.

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STORAGE AND DISPOSAL

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

PROHIBITIONS: Open dumping is prohibited. Cover or incorporate spills.

PESTICIDE STORAGE: Store pesticide products in a secure locked area where children, unauthorized persons and animals cannot enter. Do not store in the same area with food or feed. Do not store opened containers.

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.

Alternate Wording when packaged in LOCK 'N LOAD:

CONTAINER DISPOSAL: Return empty container to point of purchase.

Consult Federal, State or local disposal authorities for approved alternative procedures such as limited open burning. *Alternate Wording when packaged in SMARTBOX:*

CONTAINER RETURN: Do not discard the container. All SMARTBOX containers must be returned per instructions provided. Do not attempt to open or tamper with the container. Once empty, containers are not intended for reuse.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

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AMVAC Chemical Corporation 4100 E. Washington Boulevard Los Angeles, CA 90023 U.S.A. 1-323-264-3910 www.amvac-chemical.com