

RESTRICTED USE PESTICIDE
Due to acute oral and dermal toxicity and bird toxicity.

The retail sale to, and use only by Certified Applicators or persons under the direct supervision of a Certified Applicator, and only for those covered by the Certified Applicator's certification.
American Cyanamid Company endorses Certification to promote the responsible use of pesticides to insure the protection of man and the environment.

DOT-44D



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DOT-E9277
ORGANIC PHOSPHATE
COMPOUND MIXTURE, DRY
NA 2783

LOW ODOR

THIMET®

**soil and systemic
insecticide**

20-G

PM 16
241-257
1444

11/11/86
986, 2, 1986
1000000000

Active Ingredient:
 Phorate (0,0-diethyl S-[(ethylthio) methyl]
 phosphorodithioate) 20.0%
 Inert Ingredients 80.0%
 Total 100.0%

EPA Reg. No. 241-257-AA

KEEP OUT OF REACH OF CHILDREN

DANGER ¡PELIGRO!



PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que le entregue la hoja de instrucciones en su idioma.

FIRST AID

If swallowed, drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Avoid alcohol. Get medical attention.
 If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.
 If on skin, wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash clothing and decontaminate shoes before reuse.
 If in eyes, immediately flush eyes with plenty of water. Get medical attention. Antidote: Atropine is an antidote.

NOTE TO PHYSICIANS: Warning symptoms include weakness, headache, lightness in chest, blurred vision, nonreactive pinpoint pupils, salivation, nausea, vomiting, diarrhea, and abdominal cramps. Give atropine intramuscularly or intravenously, depending on severity of poisoning, 2 to 4 milligrams every 10 minutes until fully atropinized as shown by dilated pupils, dry flushed skin and tachycardia. Twenty to thirty milligrams, or more, may be required during the first 24 hours. Never give opiates or phenothiazine tranquilizers. Clear chest by postural drainage. Artificial respiration or oxygen administration may be necessary. Observe patient continuously for at least 48 hours. Allow no further exposure to any cholinesterase inhibitor until cholinesterase regeneration has taken place as determined by blood tests.

Pralidoxime chloride (2-PAM, PROTOPAM chloride) may be effective as an adjunct to atropine.
 Use according to label directions.

See Back Panel for Additional Precautionary Statements.



SOLO BY
 American Cyanamid Company
 Agricultural Division
 Crop Protection Chemicals Department
 Wayne, NJ 07470

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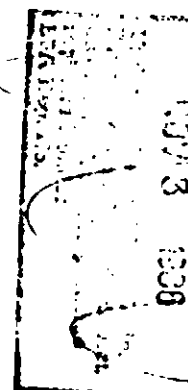
**Net Weight: 50 lbs.
 22.68kg**

**24638-20
 D48**

® Trademark of American Cyanamid Company

Lot No. See bag seal

Made and Printed in U.S.A. 5-795



THIMMET[®] 20

soil and systemic insecticide

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER!

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

Wear freshly laundered, long-sleeved work clothing daily. While transferring from package to equipment wear a clean cap, gloves (rubber or cotton) and goggles. If cotton gloves are used, they must be laundered or discarded after each day's use. Rubber gloves should be washed with soap and water after each use. Do not wear the same gloves for other work. Destroy if I replace glove for jewelry.

In case of contact, immediately remove contaminated clothing and wash skin thoroughly with soap and water. Launder clothing and decontaminate shoes before reuse. Wash thoroughly with soap and water before eating or smoking. Bathe at the end of the work day and change clothing.

CROPS

Crop	Pests Controlled	Rate of THIMMET 20 G	Application	Remarks
BEANS At Planting	Asparagus beetles	4.5 / 8 lbs. per 1,000 ft. of row for any row spacing (minimum 30 inch spacing)	Full granules in the soil at the root	Do not place THIMMET granules in direct contact with seed.
	Leafhoppers Aphids Tiger, leaf, thrips Mites Seedcorn muggers	4.5 / 8 lbs. per 1,000 ft. of row for any row spacing (minimum 30 inch spacing)		Do not feed the foliage of treated beans within 10 days of treatment.
	Seedcorn muggers		Apply granules in a band over the row	
FIELD CORN AND SWEET CORN (excluding popcorn) At Planting	Corn rootworms Wireworms White grubs Seedcorn muggers Seedcorn beetles Flax beetles Mites	6 lbs. per 1,000 ft. of row for any row spacing (minimum 30 inch row spacing)	Place granules in a 7 inch band over the row directly behind the planter. Shovel in front of or behind the press wheel and lightly incorporate.	Do not place THIMMET granules in direct contact with seed. One additional application can be applied at cultivation time later in the season.
FIELD CORN AND SWEET CORN (excluding popcorn) At Cultivation	Corn rootworms		Apply granules to base of plants in row the top of plants just ahead of cultivation shovels so as to cover granules with soil.	Do not make any applications of THIMMET after cultivation treatment.
FIELD CORN (excluding sweet and popcorn) At Cultivation	Chinch bug nymphs (Colorado, Kansas, and Nebraska)		Apply granules to base of plants in row the top of plants just ahead of cultivation shovels so as to cover granules with soil. Apply as soon as chinch bug nymphs are observed at base of plants. Granules must be placed in the infected region of the plants and adequately covered with soil.	Later infestations of chinch bugs may not be controlled. Do not make any applications of THIMMET after cultivation treatment.
FIELD CORN (excluding sweet and popcorn) Over the Plant	European corn borer (1st brood)	5.0 lbs. per acre	Apply granules into the wheel of the planter prior to tassel emergence.	Do not make cut for forage within 30 days of treatment. Do not make more than one application over the plant. Do not apply under prolonged drought conditions. Consult your state experiment or state extension agent for proper timing of application.
	Corn rootworm beetles		Reapply the granules, evenly over the top of plants by an aerial application.	
COTTON At Planting	Early season control of thrips, mites, leaf miners	4.0 lbs. per 1,000 ft. of row for any row spacing (minimum 30 inch spacing)	Distribute the granules evenly in the furrow at planting time. Seed firm pressure, moisture and soil should be favorable for good germination and emergence.	Seeds will not sprout where a normal percent of production against early season pests is necessary for good cotton growth. Use 1.5 lbs. THIMMET 20 G per acre for hot dropped cotton.

Produce which be harmful to humans and domestic animals. This applies to the below.

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BEFORE STATE

THIMMET application must be exposed to the weather. THIMMET

Do Not Breathe Dust

Wear a face mask or other respiratory equipment while emptying bags of product into a hopper. While emptying bags into equipment, pour downward and allow as little free fall as possible. Do not pour at face level and do not allow dust to reach the breathing zone.

Do Not Contaminate Food or Feed Products

Once a bag 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 all unprotected persons out of operating areas.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons.

Keep Out of Reach of Domestic Animals.

Not for Use or Storage in or Around the Home.

RE-ENTRY STATEMENT

Do not enter treated areas without protective clothing until treatments have been completed.

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.

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. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: DANGER Area treated with THIMET on (date of application). Do not enter without protective clothing.

Fields may be re-entered on day of treatment with soil applications of THIMET 20-G. Do not enter corn fields within 7 days after plants have been treated with foliar applications.

STORAGE AND DISPOSAL

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 skew opened bags.

Prohibitions

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Cover or incorporate spills.

Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinse-water 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 Region 1 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 or local authorities, by burning. If burned, stay out of smoke.

General

Consult federal, state or local disposal authorities for approved alternative procedures such as limited incineration.

	Miles from Air Base, 1000 ft. or less	5-9 lbs. per 1000 ft. of row for any row spacing (minimum 36 inch spacing)	Distribute the granules evenly in the furrow at planting time. Soil temperature, moisture and till should be favorable for good germination and emergence. Under adverse conditions plant stand may be affected.	Recommended for areas requiring an extended period of protection against other soil-borne pests.
COTTON Side-Dressing (Irrigated Cotton Only)	Miles from spring to early summer	9-12 lbs. per 1000 ft. of row for any row spacing (minimum 36 inch spacing)	Incorporate granules into the soil as a side dress application deep enough to avoid disturbance by future cultivations.	Irrigate as soon as possible after treatment. Do not apply later than 60 days before harvest.
PEANUTS At Planting	Thrips Leafhoppers	5-5 lbs. per 1000 ft. of row for any row spacing (minimum 24 inch spacing)	Distribute the granules evenly in the furrow at planting time. For best results, plant peanuts when soil temperatures are favorable for establishing good peanut stands.	Do not graze or feed treated hay or forage.
PEANUTS At Popping	Southern corn rootworms and leafhoppers	11-15 lbs. per 1000 ft. of row for any row spacing (minimum 24 inch spacing)	Distribute the granules as a band over the planting zone at popping time. Work into the top few inches of soil immediately.	Do not graze or feed treated hay or forage.
POTATOES At Planting	Aphids Leafhoppers Leaf miners Psyllids Wireworms Flux beetle larvae and reduction of flea beetle adults	Light or Sandy Soils 11-13 lbs. per 1000 ft. of row for any row spacing (minimum 32 inch spacing) Heavy or Clay Soils 17-19 lbs. per 1000 ft. of row for any row spacing (minimum 32 inch spacing)	Distribute the granules evenly in the furrow or band on each side of the row.	Wait 90 days after treatment before harvesting potatoes. Do not use for Colorado potato beetle control in the Northeast United States.
	Columbian potato beetle (early season control)	Heavy or Clay Soils 17-19 lbs. per 1000 ft. of row for any row spacing (minimum 32 inch spacing)		
SOYBEANS At Planting	Greenbugs	6-8 lbs. per 1000 ft. of row for any row spacing (minimum 30 inch spacing)	Place granules in a 7 inch band over the row (1/4 inch below and 1/2 inch to the side of the seed).	Do not place THIMET granules in direct contact with seed. A second application of granules may be applied 10-14 days after the first.
SOYBEANS At Cultivation	Chinch bug nymphs (Colorado, Kansas, Nebraska)		Apply granules to base of plants or over the top of plants just ahead of cultivation. Granules may be applied in rows or bands. Apply as soon as chinch bug nymphs are observed at base of plants. Granules must be placed at the selected spacing of the plants and adequately covered with soil.	Later applications of chinch bugs may not be controlled. Do not make any application of THIMET after cultivation treatment. Do not feed foliage before grain harvest.
SOYBEANS Over the Plant	Greenbugs Banded grasshoppers	4-9 lbs. per acre	Broadcast granules into the whorl of the plant by an air ground equipment.	Make only one application after plant emergence. Do not apply within 28 days of harvest.
SOYBEANS At Planting	For the early season control of Mexican bean beetles Leafhoppers Lygids bugs Seedcorn maggot Thrips Aphids Mites Seedcorn maggot	9-10 lbs. per 1000 ft. of row for any row spacing (minimum 36 inch row spacing)	Drill granules to the side of the seed. Place granules in a 7 inch band over the row directly behind the planter shoe and in front of the press wheel.	Do not place THIMET granules in direct contact with seed. Do not feed the foliage of treated soybeans. Crop injury may result when preplant incorporated or preemergence applications of insecticide herbicides are used in conjunction with this product or other soil applied organophosphate pesticides.
SUGAR BEETS	Aphids Beet root maggot Leafhoppers Mites Leaf miners	4-5 lbs. per 1000 ft. of row for any row spacing (minimum 20 inch spacing)	Drill granules to the side of the seed. Do not place granules in a band over the row.	Do not place THIMET granules in direct contact with the seed. Do not apply within 30 days of harvest. Do not feed sugar beet tops or storage roots after harvest. Consult your state experiment station for proper timing of application in your area.
SUGAR BEETS Post-emergence	Mites Aphids	4-9 lbs. per acre	Apply in a 18-24 inch band directly on the seed piece and surrounding soil in the row furrow immediately before covering.	
SUGAR CANE (Florida)	Wireworms	19-25 lbs. per acre	Apply in a 18-24 inch band directly on the seed piece and surrounding soil in the row furrow immediately before covering.	
WHEAT At Planting	(Translucent) Aphids Aphids Leafhoppers (Leaf miner) (Leaf miner)	1-2 lbs. per 1000 ft. of row for any row spacing (minimum 8 inch spacing)	Apply the granules in the seed furrow.	Do not feed or graze foliage within 45 days of treatment. Do not make any later applications after planting have begun. (If wireworms controlled in winter wheat only)
WHEAT Over the Plant	Aphids (Western States only)	4-9 lbs. per acre	Broadcast the granules evenly over the field by an equipment when aphids first appear.	Do not apply over plants if application was made at planting time. Do not make more than one application over the plants. Do not apply within 70 days of harvest of grain. Do not feed or graze foliage within 70 days of

DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, 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 use or application of the product contrary to label instructions, all of which are beyond the control of American Cyanamid Company. All such risks shall be assumed by the user.

American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risk referred to above.

Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values or any other special or indirect damages.

American Cyanamid Company makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY.

TYPICAL APPLICATION RATES FOR VARIOUS ROW SPACINGS

	12 in.	15 in.	18 in.	24 in.	30 in.	36 in.	42 in.	48 in.	54 in.	60 in.	72 in.	84 in.	96 in.	108 in.	120 in.
40	1.7	1.4	1.1	0.8	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1
36	1.9	1.5	1.2	0.9	0.7	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1
32	2.1	1.7	1.3	1.0	0.8	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1
28	2.3	1.9	1.4	1.1	0.9	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1
24	2.5	2.1	1.6	1.2	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1
20	2.7	2.3	1.8	1.3	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.1
18	2.9	2.5	1.9	1.4	1.2	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2
16	3.1	2.7	2.1	1.5	1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
14	3.3	2.9	2.3	1.6	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3
12	3.5	3.1	2.5	1.8	1.6	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4
10	3.7	3.3	2.7	2.0	1.8	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6

EQUIVALENT POUNDS PER ACRE

CALIBRATION INFORMATION

FIRST READ THE LABEL

It is important that application equipment be properly set to deliver the labeled rate. The label bears company suggested starting gauge settings for calibration at planting speeds of 5 or 7 mph and application rates of 5.0 or 9.0 or 1.000 lb. of seed.

NOTE: The settings in this table should only be used as starting points. Consequently check the amount of THIMET 20-G used against a known length of row and make further adjustments accordingly. Also check calibration accuracy by making test applications under changing moisture conditions. etc. Have not caused a change in this rate.

	5 mph	7 mph	10 mph	12 mph	15 mph	18 mph	20 mph	24 mph	28 mph	32 mph	36 mph	40 mph	44 mph	48 mph	52 mph	56 mph	60 mph	64 mph	68 mph	72 mph	76 mph	80 mph	84 mph	88 mph	92 mph	96 mph	100 mph
40	1.7	1.4	1.1	0.8	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
36	1.9	1.5	1.2	0.9	0.7	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
32	2.1	1.7	1.3	1.0	0.8	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	2.3	1.9	1.4	1.1	0.9	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
24	2.5	2.1	1.6	1.2	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	2.7	2.3	1.8	1.3	1.1	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
18	2.9	2.5	1.9	1.4	1.2	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16	3.1	2.7	2.1	1.5	1.3	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
14	3.3	2.9	2.3	1.6	1.4	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
12	3.5	3.1	2.5	1.8	1.6	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
10	3.7	3.3	2.7	2.0	1.8	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1

* Approximate starting point only.

IN CASE OF AN EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CALL COLLECT, DAY OR NIGHT, AREA CODE 201-838-3100.

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