



**POISON**  
ANTIDOTE AND FIRST AID

ATROPINE IS AN ANTIDOTE—CONSULT PHYSICIAN FOR EMERGENCY SUPPLY OF 1/100 GRAIN ATROPINE TABLETS. CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED POISONING.

If **Swallowed**—Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

If **Inhaled**, remove from exposure. Have patient lie down and keep quiet. If patient is not breathing, start artificial respiration immediately. Never give anything by mouth to an unconscious person.

If **warning symptoms appear** (See warning symptoms below), before physician arrives, immediately swallow two atropine tablets (each 1/100 gr.); thereafter, every 10 to 15 minutes, take one atropine tablet (1/100 gr.) until throat becomes dry and skin becomes dry and flushed. Take additional tablets as necessary to maintain a moderately dry throat and dry, flushed skin until physician arrives.

**NOTE TO PHYSICIAN**

**WARNING SYMPTOMS**—Methomyl poisoning produces effects associated with anticholinesterase activity which may include weakness, blurred vision, headache, nausea, abdominal cramps, discomfort in the chest, constriction of pupils, sweating, slow pulse, muscle tremors.

**TREATMENT**—Atropine sulfate should be used for treatment. Administer repeated doses, 1.2 to 2.0 mg. intravenously every 10 to 30 minutes until full atropinization is achieved. Maintain atropinization until the patient recovers. Artificial respiration or oxygen may be necessary. Allow no further exposure to any cholinesterase inhibitor until recovery is assured.

Do not use morphine or 2-PAM. However, for exposure to "Lannate" L and organophosphorous insecticides, 2-PAM may be used as required to supplement the atropine sulfate treatment as described above.

**NOTICE OF WARRANTY**

Du Pont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the 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 Du Pont. In no case shall Du Pont 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. DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

**NOTICE TO BUYER**—Purchase of this material does not confer any rights under patents of countries outside of the United States.

**RESTRICTED USE PESTICIDE**

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.



**Water Soluble Liquid • 1 Gallon contains 1.8 lbs. Methomyl**

**ACTIVE INGREDIENT:** Methomyl  
S-methyl N-[(methylcarbamoyl)oxy]thioacetimidate ..... 24%  
**INERT INGREDIENTS** ..... 76%  
U.S. Pats. 3,576,834 3,639,633 & 3,862,316 EPA Reg. No. 352-370-AA

Keep out of reach of children

**DANGER** **POISON**

◀ See Antidote in Left Panel

**FLAMMABLE. CONTAINS METHANOL. MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED. POISONOUS IF INHALED. CAUSES EYE DAMAGE.**

**Do not breathe vapors or spray mist. Do not get in eyes, on skin, on clothing. Keep away from heat, sparks, and open flame. Keep container closed. Use with adequate ventilation.**

In case of contact, wash skin with plenty of soap and water; for eyes, flush with water for 15 minutes and get medical attention; remove and wash contaminated clothing before re-use.

**IMPORTANT**—When mixing spray, loading, applying or otherwise handling, wear protective clothing, goggles, and a mask or respirator suitable for protection against methomyl vapors or spray mist such as: Willson Products "Agri-Tox" R-533 Felt 11-P Cartridge or Mine Safety Appliances type H "Comfo". Wear clean clothes daily. Wash thoroughly after handling and before eating or smoking. Pilot should not assist in the mixing and loading operation. Do not contaminate or store near feed or foodstuffs.

Not for use or storage in or around the home. Keep animals and unprotected persons out of operational areas during treatment and while there is danger of drift. Do not re-use container; bury when empty.

This product is toxic to fish, birds and other wildlife. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes.

This product is toxic to bees and should not be applied when bees are actively visiting the area. Apply late in evening or early morning where honey bees visit fields. In alfalfa frequented by alkali or leafcutting bees, do not apply during bloom or when these bees will be present in fields.

**5 U.S. GALLONS**

DO NOT SUBJECT TO TEMPERATURES BELOW 32°F.

**E. I. DU PONT DE NEMOURS & CO. (INC.) • BIOCHEMICALS DEPARTMENT • WILMINGTON, DELAWARE**

352-370

6-7-1979

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**DIRECTIONS**

Do not "Lannate" L insecticide should be used only in accordance with recommendations on this label, or in separate published Do Pont recommendations available through local dealers.

"Lannate" L is a water soluble liquid to be diluted with water for application by ground or air equipment. Use only in commercial plantings; do not use in home plantings.

**SPRAY PREPARATION**—Fill spray tank ¼ to ½ full of water. Add "Lannate" L directly to spray tank and mix thoroughly, using mechanical or hydraulic means; do not use air agitation.

**APPLICATION**—Apply at the recommended rates when insects first appear. Unless otherwise noted, continue application at 5- to 7-day intervals or as needed. Use sufficient water to obtain thorough, uniform coverage. For aerial, use a minimum of 5 gals. per acre (gpa) except: 2 gpa for beans (including blackeye peas and cowpeas), cucumber, melons (including cantaloupe and watermelon), peanuts, sorghum and soybeans; 3 gpa for alfalfa, cabbage, corn, cotton (except ovicide use 5 gpa), lettuce, onions, peas, spinach and sugar beets; 10 gpa for grapes, nectarines; 15 gpa for oranges and lemons. Apply the low rates on small plants, small insects and light infestations of insects. Use intermediate rates on large insects and heavier infestations of insects. Use 1 to 3 applications of the highest recommended rate for controlling severe infestations. Thereafter, use the lowest rate possible to maintain control.

CROPS Method of application G means Ground Only	INSECTS	PINTS PER ACRE	LAST APPLICATION—DAYS	
			TO HARVEST	TO LIVESTOCK GRAZING/ FEEDING
Alfalfa—U.S.	Beet Armyworm, Lygus Bugs	2-4		
Do not apply to dormant or semi-dormant alfalfa when min. daily temp is 50°F or lower.	Fall Armyworm	2		7
	Alfalfa Weevil Larvae	4		
	Beet Armyworm	1-4		
	Alfalfa Caterpillar	1½-2		
CA & AZ only	Aphids, Egyptian Alfalfa Weevil Larvae	2-4		
Apples East of Rockies	Apple Aphid	½-2/100 gals. up to 400 gals. per acre		
[Except varieties Early Macintosh & Wealthy]	Rosy Apple Aphid, Tufted Apple Budmoth	1-2/100 gals. up to 400 gals. per acre	8	10
	Codling Moth—10-12 day intervals	per acre		
	Leafrollers (Fruittree, Obliquebanded, Redbanded, Variegated), Lesser Appleworm, White Apple Leafhopper, Tentiform Leafminer	2/100 gals. up to 400 gals. per acre		
	Beet Armyworm, Western Yellowstriped Armyworm, Asparagus Beetle, Spotted Asparagus Beetle	2-4	1	
Beans—U.S. (Includes Blackeye Peas & Cowpeas)	Leafhopper, Mexican Bean Beetle	1-4		
CA only	Fall Armyworm	2	Succulent beans 1-2 pts.—1, over 2 pts.—3, Dry beans—25	3 Vines 7 Hay
	Beet Armyworm, Loopers, Corn Earworm	2-4		
	European Corn Borer—initiate when moth flights first appear and continue preventive treatments at 3- to 4-day intervals	4		
	Lygus Bugs	2-4		
Broccoli, Cauliflower	Loopers, Imp. Cabbageworm, Diamondback Moth	1-4*	3	
Brussels Sprouts	Loopers, Imp. Cabbageworm	2-4*	3	
Cabbage	Loopers, Imp. Cabbageworm, Diamondback Moth	1-4*	1	
Carrot CA & AZ only	Beet Armyworm	1½-4	1	
Celery	Loopers	4	7	
Chrysanthemum	Beet Armyworm	2-4		
	Loopers, Corn Earworm, Omnivorous Leafroller, Beet Armyworm, Thrips—Weekly	1-2 per 100 gals.		
Corn (Sweet)	Earworm—Whorl as needed	1½-2	0 Ears	3 Forage
	Earworm, Fall Armyworm, European Corn Borer—Ears 1-3 days or as needed	1-2		
Corn (Field & Popcorn)	Earworm	1-2		
	Fall Armyworm Armyworm	2 1-2	0	3 Forage
Cotton Use may render cotton— if excessive, stop or alternate with other insecticides.	Ovicide/Larvicide Bollworm, Tobacco Budworm (Initiate schedule when eggs and significant numbers of newly-hatched larvae are present. Continue at 5- to 7-day intervals while eggs present and larval control adequate. If significant larvae survive, use higher rates below.)	½-1		
	Larvicide Bollworm, Tobacco Budworm, Beet Armyworm, Cotton Leafperforator—Use as occasional spray in regular schedule but not more often than every 10 days	2	15	Do Not Graze or Feed
	Bollworm, Tobacco Budworm, Beet Armyworm, Cotton Leafperforator—After full boll load, use up to 3 sprays at 3-5 day intervals	2-3		
	Bollworm	2-3		
West of Rockies	Beet Armyworm Cotton Leafperforator	1½, 2 1½-3		

\*Add wetting agent

CONTINUED ON RIGHT PANEL

CROPS Method of application G means Ground Only	INSECTS	PINTS PER ACRE	LAST APPLICATION—DAYS	
			TO HARVEST	TO LIVESTOCK GRAZING/ FEEDING
Cucumber—U.S.	Loopers, Tobacco Budworm, Beet Armyworm, Flea Beetles, Yellowstriped Armyworm, Granulate Cutworm, Cucumber Beetles, Melon Aphid	2-4		3
Southeast only—	Melonworm, Pickleworm			
Forest Woodlots, Plantations, and Nurseries	Spruce Budworm (treat when larvae feeding on buds, re-treat after 3-4 days if needed)	1-2		
Gladiolus	Loopers	1-2 per 100 gals.		
Grapefruit— CA & AZ only	Thrips	2-4		10
Grapes East of Rockies—	Fruittree Leafroller			
	Grape Berry Moth—Apply pre- & post-bloom & repeat at 10-14 day intervals or as needed.	2-4		1 Fresh & Raisin
CA & AZ only—	Leafhoppers			14 Wine Grapes
West of Rockies	Saltmarsh Caterpillar			
Lemon—CA & AZ only	Thrips	2-4		10
Lettuce (Head)	Beet Armyworm, Loopers,			
Lettuce (Leaf) CA & AZ only	Alfalfa Looper	1-4	1-2 pts.—7; over 2 pts.—10	
Melons—U.S.	Loopers, Tobacco Budworm, Beet Armyworm, Yellowstriped Armyworm, Granulate Cutworm, Flea Beetles, Cucumber Beetles, Melon Aphid	2-4		3
Southeast only—	Melonworm, Pickleworm			
Mint	Variegated Cutworm, Alfalfa Looper	4		14
Nectarine—CA & AZ only	Thrips (Up to 3 applications)	2-4		10
Onions West of Rockies	Beet Armyworm— Up to 2 applications	2*		28 Green Onions
AZ only	Thrips—Up to 2 applications			7 Dry Onions
Oranges CA & AZ only	Thrips	2-4		10
CA only	Fruittree Leafroller, Citrus Cutworm			
Peanuts	Fall Armyworm	1-2		
	Corn Earworm, Beet Armyworm—Up to 3 applications	1-4		
Peas (Succulent)	Loopers, Green Cloverworm, Velvetbean Caterpillar—Up to 3 applications	2-4	21	Do Not Feed Treated Vines
	Loopers—Up to 3 applications	2-4		5 Forage 14 Hay
Pepper	Alfalfa Caterpillar—Up to 3 applications	1-4		1
Potato—U.S.	Green Peach Aphid, Loopers, Beet Armyworm	2		10
East of Miss. River—	Tuberworm, Loopers, Aphids	2		6
Rose	Leafhoppers, Flea Beetles	1-2		
Sorghum	Omnivorous Leafroller	per 100 gals.		
Soybeans	Corn Earworm, Sorghum Midge—Apply when 50% bloom and 3-5 days later if needed.	1-2		14
	Fall Armyworm (Budworm) Sorghum Webworm	2		
Spinach	Green Cloverworm, Beet Armyworm, Velvetbean Caterpillar, Mexican Bean Beetle, Corn Earworm—Up to 2 applications	1-2		14
	Loopers, Beet Armyworm	2-4		7
Sugar Beet—U.S.	Do not apply when min. daily temp is 32°F or lower. Do not apply to seedlings less than 3" diameter.			
	Fall Armyworm	2		
CA & AZ only—	Beet Webworm, Flea Beetles— Up to 4 applications	1-4		7
Summer Squash— U.S.	Beet Armyworm, Aphids— Up to 4 applications	2-4		3
	Loopers, Tobacco Budworm, Beet Armyworm, Yellowstriped Armyworm, Granulate Cutworm, Flea Beetles, Cucumber Beetles, Melon Aphid			
Southeast only—	Melonworm, Pickleworm			
CA & AZ only	Thrips	2-4		10
Tobacco (Except shade)	Flea Beetle, Hornworm	1-2		5 Flue cured 14 Air or Free cured
Tomato	Loopers, Aphids, Tobacco Budworm	2		
	Tomato Fruitworm, Aphids, Loopers, Beet Armyworm	2-4		2 pts.—1 Over 2 pts.—2
Turf FL only	Pinworm	4-8 (1.5-3.0 oz. per 1000 sq. ft.)		Do Not Graze or Feed
	Sod Webworm—After application, sprinkle irrigate for 15 min.			

\*Add wetting agent

etc