

DRUM CONTAINS LANNATE® IN A WATER SOLUBLE BAG — ENTIRE CONTENTS DISSOLVE IN WATER.

After opening drum, immediately dump entire contents into spray tank. Do not touch bag; handling may cause breakage.



IMPORTANT—When mixing spray, loading, applying or otherwise handling, wear goggles and a mask or respirator of a type suitable for protection against insecticide dust or spray mist such as: Willson Products "Agri-Tox" R533 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; destroy 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 when honey bees visit fields. In alfalfa frequented by alfalfa or leafcutting bees, do not apply during bloom or when these bees will be present.

ACCEPTED
JUN 7 1979
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under 352-342
EPA Reg. No.

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.



Water Soluble Powder

ACTIVE INGREDIENT: Methomyl
S-methyl N-[(methoxycarbonyl)oxy]thioacetimidate 90%
INERT INGREDIENTS 10%
U. S. Pats. 3,576,834 & 3,639,633
EPA Reg. No. 352-342-AA
EPA Est. 352-TX-1

Keep out of reach of children.

DANGER POISON

See Antidote in Right Panel ▶

MAY BE FATAL IF SWALLOWED. POISONOUS IF INHALED.

Do not breathe dust or spray mist.

Do not get in eyes, on skin, on clothing.

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.

NET 10 LBS.

HANDLE THIS PACKAGE CAREFULLY TO PREVENT BREAKAGE OF INNER BAG WHEN STORED AT LOW TEMPERATURES. ALLOW TO WARM ABOVE 50°F. FOR NORMAL HANDLING.

E. I. du Pont de Nemours & Co. (Inc.)
BIOCHEMICALS DEPARTMENT, WILMINGTON, DELAWARE



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" and organophosphorous insecticides, 2-PAM may be used as required to supplement the atropine sulfate treatment as described above.

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

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Made in U.S.A.

Printed in U.S.A.

352-342

6-7-1979

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POISON



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DIRECTIONS

Du Pont "Lannate" Insecticide should be used only in accordance with recommendations on this label, or in separate published Du Pont recommendations available through local dealers.

"Lannate" is a dry powder to be dissolved in water for application by ground or air equipment. Use air application only where recommended. Use only in commercial plantings; do not use in home plantings.

SPRAY PREPARATION—Fill spray tank $\frac{1}{4}$ to $\frac{1}{2}$ full of water. Add "Lannate" directly to spray tank. Mix thoroughly to fully dissolve the insecticide; once dissolved continued agitation is not required. Use 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 ovidical 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	LBS. PER ACRE	LAST APPLICATION—DAYS	
			TO HARVEST	TO LIVESTOCK GRAZING/FEEDING
Alfalfa—U.S.	Beet armyworm, Lygus Bugs	$\frac{1}{2}$ -1		
Do not apply to dormant or semi-dormant alfalfa when min. daily temp. is 50°F. or lower.	Alfalfa Weevil Larvae	1		
	Fall Armyworm	$\frac{1}{2}$		7
	Beet Armyworm	$\frac{1}{2}$ -1		
CA & AZ only	Alfalfa Caterpillar	$\frac{1}{2}$ - $\frac{1}{2}$		
	Aphids, Egyptian Alfalfa Weevil Larvae	$\frac{1}{2}$ -1		
Apples—East of Rockies	Apple Aphid	$\frac{1}{2}$ - $\frac{1}{2}$ per 100 gals. up to 400 gals. per acre		
(Except varieties Early MacIntosh & Wealthy)	Rosy Apple Aphid, Tufted Apple Budmoth	$\frac{1}{2}$ - $\frac{1}{2}$ per 100 gals. up to 400 gals. per acre		
	Codling Moth—10-12 day intervals		8	10
	Leafrollers (Fruitree, Obliquebanded, Redbanded, Variegated), Lesser Appleworm, White Apple Leafhopper, Terrestrial Leafminer	$\frac{1}{2}$ per 100 gals. up to 400 gals. per acre		
Asparagus	Beet Armyworm, Western Yellow-striped Armyworm, Asparagus Beetle, Spotted Asparagus Beetle	$\frac{1}{2}$ -1	1	

CROPS Method of application G means Ground only	INSECTS	LBS. PER ACRE	LAST APPLICATION—DAYS	
			TO HARVEST	TO LIVESTOCK GRAZING/FEEDING
Beans—U.S. (Includes Blackeye Peas & Cowpeas)	Leafhopper, Mexican Bean Beetle	$\frac{1}{2}$ -1		
CA only	Fall Armyworm	$\frac{1}{2}$		
	Beet Armyworm, Looper, Corn Earworm	$\frac{1}{2}$ -1		
	European Corn Borer—Initiate when moth flights first appear and continue preventive treatments at 3- to 4-day intervals	1		
	Lygus Bugs	$\frac{1}{2}$ -1		
Broccoli, Cauliflower	Loopers, Imp. Cabbageworm, Diamondback Moth	$\frac{1}{2}$ -1*	3	
Brussels Sprouts	Loopers, Imp. Cabbageworm	$\frac{1}{2}$ -1*	3	
Cabbage	Loopers, Imp. Cabbageworm, Diamondback Moth	$\frac{1}{2}$ -1*	1	
Carrot	Beet Armyworm	$\frac{1}{2}$ -1	1	
CA & AZ only	Loopers	1		
Celery	Beet Armyworm	$\frac{1}{2}$ -1	7	
Chrysanthemum	Loopers, Corn Earworm, Omnivorous Leafroller, Beet Armyworm, Thrips—Weekly	$\frac{1}{2}$ - $\frac{1}{2}$ per 100 gals.		
Corn (Sweet)	Earworm—Whorl as needed	$\frac{1}{2}$ - $\frac{1}{2}$		
Corn (Field & Popcorn)	Earworm, Fall Armyworm, European Corn Borer—Ears 1-3 days or as needed	$\frac{1}{2}$ - $\frac{1}{2}$	0 Ears	3 Forage
	Earworm	$\frac{1}{2}$ - $\frac{1}{2}$		
Cotton—	Fall Armyworm, Armyworm	$\frac{1}{2}$	0	3 Forage
	Ovidical/Larvicide			
East of Rockies only	Bollworm, Tobacco Budworm, Beet Armyworm, Cotton Leafperforator—Initiate schedule when eggs and significant numbers of newly-hatched larvae are present. Continue at 3- to 7-day intervals while eggs present, and larval control adequate. If significant larvae survive, use higher rates below.	$\frac{1}{2}$ - $\frac{1}{2}$		
	Larvicide			
West of Rockies only	Bollworm, Tobacco Budworm, Beet Armyworm, Cotton Leafperforator—Use as occasional spray in regular schedule but not more often than every 10 days.	$\frac{1}{2}$		
	Bollworm, Tobacco Budworm, Beet Armyworm, Cotton Leafperforator—After full bulk load, use up to 3 sprays at 3-5 day intervals	$\frac{1}{2}$ - $\frac{1}{2}$		

CROPS Method of application G means Ground only	INSECTS	LBS. PER ACRE	LAST APPLICATION—DAYS	
			TO HARVEST	TO LIVESTOCK GRAZING/FEEDING
Cotton—	Bollworm	$\frac{1}{2}$ - $\frac{1}{2}$		
West of Rockies—	Beet Armyworm	$\frac{1}{2}$ - $\frac{1}{2}$	15	Do not graze or feed
	Cotton Leafperforator	$\frac{1}{2}$ - $\frac{1}{2}$		
Cucumber—U.S.	Loopers, Tobacco Budworm, Beet Armyworm, Flea Beetles, Yellow-striped Armyworm, Granulate Cutworm, Cucumber Beetles, Melon Aphid	$\frac{1}{2}$ -1	3	
Southwest only	Melonworm, Pickleworm			
Forest Woodlots, Plantations, and Nurseries	G Spruce Budworm (treat when larvae feeding on buds, re-treat after 3-4 days if needed)	$\frac{1}{4}$ - $\frac{1}{2}$		
Gladiolus	G Loopers	$\frac{1}{4}$ - $\frac{1}{2}$ per 100 gals.		
Grapefruit—CA & AZ only	Thrips	$\frac{1}{2}$ -1	1	10
CA only	Fruitree Leafroller			
Grapes—East of Rockies—	Grape Berry Moth—Apply pre- & post-bloom & repeat at 10-14 day intervals or as needed. Leafhoppers	$\frac{1}{2}$ -1		1 Fresh & Raisin 14 Wine Grapes
CA & AZ only—	G Leafhoppers			
West of Rockies—	Saltmarsh Caterpillar			
Lemon—CA & AZ only	Thrips	$\frac{1}{2}$ -1	1	10
Lettuce (Head)	Beet Armyworm, Looper, Alfalfa Looper	$\frac{1}{4}$ -1		$\frac{1}{4}$ - $\frac{1}{2}$ -7; over $\frac{1}{2}$ lb.—10
CA & AZ only				
Melons—U.S.	Loopers, Tobacco Budworm, Beet Armyworm, Yellow-striped Armyworm, Granulate Cutworm, Flea Beetles, Cucumber Beetles, Melon Aphid	$\frac{1}{2}$ -1	3	
Southwest only	Melonworm, Pickleworm			
Mint	Variegated Cutworm, Alfalfa Looper	1	14	
Nectarine—CA & AZ only	Thrips—Up to 3 applications	$\frac{1}{2}$ -1		10
Onions—West of Rockies—	Beet Armyworm—Up to 2 applications	$\frac{1}{2}$ *		28 Green Onions 7 Dry Onions
AZ only—	Thrips—Up to 2 apps.			
Oranges—CA & AZ only	Thrips	$\frac{1}{2}$ -1	1	10
CA only	Fruitree Leafroller, Citrus Cutworm			
Peanuts	Fall Armyworm	$\frac{1}{4}$ - $\frac{1}{2}$		
	Corn Earworm, Beet Armyworm—Up to 3 applications	$\frac{1}{4}$ -1	21	Do not feed treated vines

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OISON

CROPS Method of application G means Ground only	INSECTS	LBS PER ACRE	LAST APPLICATION—DAYS	
			TO HARVEST	TO LIVESTOCK GRAZING/FEEDING
Peanuts	Loopers, Green Cloverworm, Velvetbean Caterpillar—Up to 3 applications Loopers—Up to 3 applications Aphids—Up to 3 applications	1/2-1 1/2-1 1/4-1	21	Do not feed treated vines 5 days 14 days
Peas (Succulent)	Green Peach Aphid, Loopers, Beet Armyworm	1/2	10	
Pepper	Tobacco Hornworm, Loopers, Aphids	1/2-1	6	
Potato—U.S. East of Miss. River	Leafhoppers, Flea Beetles	1/2		
Rose	G Omnivorous Leafroller	1/2-1/2 per 100 lbs.		
Sorghum	Corn Earworm Sorghum Moth—Apply when 50% bloom and 3-5 days later if needed Fall Armyworm (Hawthorn) Sorghum Webworm	1/4-1/2 1/2	14	14
Soybeans	Green Cloverworm, Beet Armyworm, Velvetbean Caterpillar, Mexican Bean Beetle, Corn Earworm—Up to 2 applications	1/4-1/2	14	3 Forage 7 Hay
Spinach Do not apply when rain daily temp. is 32° F. or lower. Do not apply to tender seedlings less than 3" diameter	Loopers, Beet Armyworm	1/2-1	7	
	Fall Armyworm	1/2		
Sugar Beet—U.S. CA & AZ only—	Beet Webworm, Flea Beetles—Up to 4 applications Beet Armyworm, Aphids—Up to 4 applications	1/4-1	7	30 tops
Summer Squash—U.S.	Loopers, Tobacco Budworm, Beet Armyworm, Yellow-striped Armyworm, Granulate Cutworm, Flea Beetles, Cucumber Beetles, Moth Aphid, Melonworm, Pickleworm	1/2-1	3	
Southeast only— Tangerines CA & AZ only	Thrips	1/2-1	1	10
Tobacco (Except shade)	Flea Beetle, Hornworm Loopers, Aphids, Tobacco Budworm	1/4-1/2 1/2	5 five cured 14 Ave or five cured	
Tomato	Tomato Fruitworm, Aphids, Loopers, Beet Armyworm	1/2-1	1/2 lb—1 over 1/2 lb—2	
Turnip—F only	G Pinworm Soot Webworm—After application sample irrigate for 15 min.	1.2 (2.5-4.5 oz per 1000 sq ft)		Do not use or feed

*Add wetting agent

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