

3125-184

6/26/1975

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CUT ALONG THIS LINE

RECOMMENDED APPLICATIONS

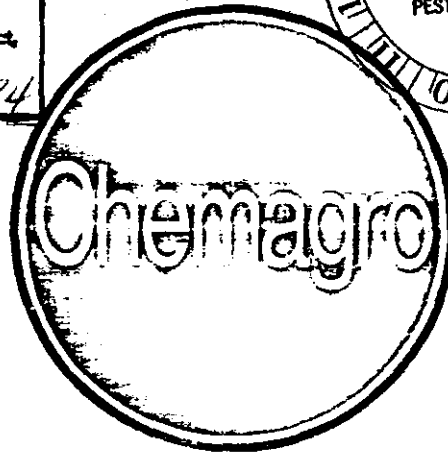
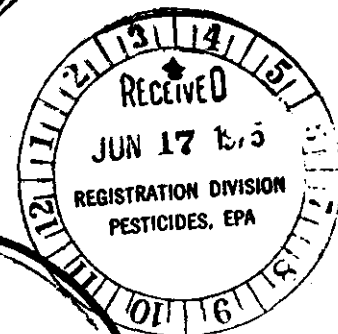
(CONTINUED)

CROP	INSECT	OUNCES DYLOX 80%	REMARKS
VEGETABLES	Thrips Variegated cutworm	10 to 20	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary until heads begin to form. Do not apply within 28 days of harvest.
Collards Lettuce	Armyworms Beet webworm Diamondback moth Dipterous leaf miners Salt-marsh caterpillar	20	
Peppers	Dipterous leaf miners Pepper maggot Serpentine leaf miners	20	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 21 days of harvest.
Pumpkin	Variegated cutworm	10 to 20	Apply specified dosage per acre in sufficient water for complete coverage but not less than 1 gallon per acre. Apply only once per season and not within 14 days of harvest.
	Squash bug	20	
Table Beets	Variegated cutworm	10 to 20	
	Arialla webworm Beet webworm Dipterous leaf miners Salt-marsh caterpillar	20	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 28 days of harvest. Do not eat tops.
	Beet armyworm Lygus bugs	20 to 30	
Tomatoes	Serpentine leaf miners Tomato hornworms Dipterous leaf miners	20	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 21 days of harvest.
ORNA- MENTALS	Harlequin pine tip moth Zimmerman pine moth	20	Mix specified dosage in 100 gallons of water and spray plants until they are thoroughly wet. Repeat as necessary. CAUTION: Phytotoxicity has occurred on certain varieties of carnations and zinnias. When large plantings of these flowers are to be sprayed for the first time, treat only a few plants and observe for 4 to 5 days before spraying the entire planting.
Flowers, Shrubs, & Trees	Armyworms Bagworms Climbing cutworms Dipterous leaf miners Lygus bugs Sink bugs Tarnished plant bug Tobacco budworm Webworms	20 to 30	
Narcissus	Narcissus bulb fly	20	Apply specified dosage in 100 gallons of water as a drench per 1,000 feet of row. Direct stream to base of plants at beginning of adult fly activity (early May to June). Repeat treatments annually.
Lawns and Turf	Cutworms Sod webworms (Lawn moths)	2 1/2 10 3 1/2	Mix specified dosage (approximately 1/2 to 1 1/2 cup) of DYLOX 80% Soluble Powder in 15 to 30 gallons of water and apply uniformly to 1,000 sq. ft. of lawn or turf area by means of a watering can, compression air sprayer, or any commercial power sprayer. For best results, mow the lawn and rake dead grass from damaged spots. Water the lawn and allow grass to dry before spraying. Do not water again until necessary. Three applications at monthly intervals may be required for maximum control. In most areas the first of these applications should be made in May or June. Consult your State Agricultural Experiment Station or State Extension Service Specialists, for more specific information regarding timing of applications. Do not use DYLOX 80% Soluble Powder in hose proportioner sprayers. NOTE: Do not use treated areas or clippings from treated areas for feed or forage.
	White Grubs	3 1/2	

ACCEPTED

JUN 26 1975

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, this pesticide
registered under
EPA Reg. No. 3125-184



DYLOX

80% SOLUBLE POWDER
CROP INSECTICIDE

NET WEIGHT 5 POUNDS

WARNING

(See side panel for
warning statements)KEEP OUT OF REACH
OF CHILDREN

GUARANTEE

ACTIVE INGREDIENT:

Dimethyl (2,2,2-trichloro-1-
hydroxyethyl) phosphonate

INERT INGREDIENTS: 20%
100%

EPA Reg. No. 3125-184-AA

Chemicals for Agriculture

MANUFACTURED BY

Chemagro

Division of Baychem Corporation
Box 493, Kansas City, Missouri 64120

RATE ACRE IN OUNCES OF DYLOX 80% S.P.	POUNDS OF DYLOX 80% S.P. TO TREAT:		
	5 ACRES	10 ACRES	15 ACRES
5	1 1/2	3 1/2	4 1/2
7 1/2	2 1/4	4 1/2	7
10	3 1/4	5	7 1/2
15	5	10	15
20	6 1/2	12 1/2	18 1/2
30	9 1/2	18 1/2	28 1/2

NOTE: When using a more convenient whole number or fraction of pounds of formulated material do not exceed maximum registered rate.



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DIRECTIONS FOR USE

IMPORTANT: Read these entire Directions and Conditions of Sale, including the Warranty and Limitation of Damages provision, before using DYLOX 80% Soluble Powder.

CONDITIONS OF SALE: These Directions for Use reflect the opinion of experts based on tests of effectiveness, of toxicity to plants and laboratory animals and of residues on or in food and feed under normal conditions of use. However, because of the wide range of conditions under which this product may be used even though label directions are followed, it is impossible to eliminate all risks associated with its use because of abnormal conditions beyond the control of the seller. Chemagro and the Seller offer, and the Buyer uses, this product subject to the understanding that the Buyer assumes all such risks.

DYLOX offers the unique advantage of not significantly affecting beneficial insects (parasites, predators, and pollinators) especially when applied at the minimum recommended rates per acre. Thus, **DYLOX** supplements the natural control factors, instead of destroying them. This advantage is lost when **DYLOX** is used in conjunction with parathion or other non-selective insecticides. Accordingly, for most effective and most economical control, **DYLOX** should not be used in conjunction with or alternated in a spray schedule with pesticides destroying parasites, predators, and other beneficial insects. This applies to alfalfa and cotton in particular. While **DYLOX** is not recommended for the control of aphids, mites, and cabbage looper, some suppression of these pests may result from recommended dosages.

MIXING: **DYLOX** 80% Soluble Powder dissolves readily in water and is suitable for use in all power-operated ground sprayers and aircraft sprayers. To dissolve in water, pour the required amount of **DYLOX** 80% Soluble Powder into full amount of water and then agitate. Use immediately after mixing. It is recommended that **DYLOX** 80% Soluble Powder be used in sprayers equipped with 50 mesh screens. If 100 mesh screens are used, some screen clogging may occur.

DOSAGE: Use specified dosage of **DYLOX** 80% Soluble Powder in the amount of water necessary to give complete coverage of foliage. The type of equipment used will determine the concentration required.

SPRAYING: Complete coverage and thorough application are essential for most effective results. Schedule applications in accordance with local conditions. Consult your State Agricultural Extension Service or Experiment Station for specific use information in your area.

RESTRICTIONS

DO NOT ALLOW DYLOX SPRAY TO DRIFT ONTO SORGHUM. TO DO SO MAY CAUSE BURNING OF THE SORGHUM OR MILO.

Keep children and pets off treated areas until spray deposit has dried.

PROTECT WILDLIFE

This product is toxic to birds and other wildlife and must be applied in strict accordance with label directions. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. In cleaning of equipment or disposal of wastes, do not contaminate water.

Do not use on other crops used for food or forage. Use only according to label directions. Application at rates above those shown may result in illegal crop residues. Do not feed food crops grown in the greenhouse.

CONTAINER AND WASTE DISPOSAL

Rinse equipment and containers and dispose of wastes by burying in non-crop lands away from water supplies. Dispose of empty container by burying with wastes or by burning (Keep out of smoke).

WARNING

May be fatal if swallowed, inhaled, or absorbed through the skin. Do not get in eyes or on skin. Do not breathe dust or spray mist. Always wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse.

Do not contaminate food or feed. Keep out of reach of children. Should poisoning occur, obtain prompt medical aid. Prolonged exposure will result in cholinesterase depression.

To Physician: Atropine sulfate is antidote. 2-PAM is also antidote and may be administered in conjunction with atropine.

WARRANTY AND LIMITATION OF DAMAGES

Chemagro warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale; subject to the risks referred to therein. **CHEMAGRO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, and no agent of Chemagro is authorized to do so except in writing, with a specific reference to this warranty.** 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, etc. **DYLOX** is a Reg. TM of the Parent Company at Farbenfabriken Bayer GmbH, Leverkusen.

EPA Est. 33767-AZ-1

470310

RECOMMENDED APPLICATIONS

CROP	INSECT	Quincy DYLOX 80%	REMARKS
FIELD CROPS	Alfalfa caterpillar	7 1/2 to 10	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Three applications may be made per season but not within 21 days of harvest.
	Alfalfa webworm	5 to 20	
	Western yellow-striped armyworm	10	
	Beet armyworm	10 to 20	
Alfalfa Clover (including mixed stands with grasses)	Leafhoppers	20	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Three applications may be made per season but not within 21 days of harvest.
	Variegated cutworm		
	Armyworm		
	Alfalfa Plant bug		
Barley Flax Oats Wheat	Lygus bugs	20	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Three applications may be made per season but not within 21 days of harvest.
	Stink bugs		
	Furrowed plant bug		
	Variegated cutworm		
Corn	Armyworms	10 to 20	NOTE: Applications may be made without removal of grazing livestock.
	Cutworms		
	Leafhoppers		
	Variegated cutworm		
Cotton	Beet armyworm	20	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Do not pasture treated fields within 14 days of application. Do not apply within 7 days of picking. DYLOX applications may occasionally cause marginal leaf burn, but this is due to light to moderate infestation of cotton leafhoppers, use 5 quarts of DYLOX 80% SP per acre, higher rates may be required if heavy infestations or migrations occur.
	Southern garden leafhopper		
	Black-legged hopper		
	Cotton leaf miner		
Grasses (including Rangeland & Pastures)	Leafhoppers	10 to 20	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Three applications may be made per season but not within 21 days of harvest.
	Armyworm		
	Fall Armyworm		
	Plant bugs		
Soybeans	Armyworms	20 to 30	Apply specified dosage per acre in each of two applications, using sufficient water for coverage but not less than 1 gallon per acre. Do not apply more than twice per year or later than 100 days after first application approximately 2 weeks prior to bloom—second application at peak of bloom.
	Lygus bugs		
	Stink bugs		
	Variegated cutworm		
Sugar Beets	Beet webworm	10 to 20	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 14 days of harvest.
	Variegated cutworm		
	Striped leaf miner		
	Alfalfa webworm		
Tobacco	Beet webworm	20	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. For budworm control make application directly into bud. Repeat as necessary. Do not treat within 2 days of harvest.
	Variegated cutworm		
	Striped leaf miner		
	Alfalfa webworm		
SEED FIELD CROPS	Armyworms	20 to 30	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary up to 7 days before harvest. Chaff from alfalfa and clover seed crop may be used for feed or forage; however, do not cut green crop for these purposes. Do not pasture or use treated soybeans for feed, food, forage, or as purposes.
	Lygus bugs		
	Stink bugs		
	Variegated cutworm		
FRUIT	Fruit tree leafroller	40	Apply specified dosage per acre in ground equipment using 200 to 500 gallons of water for good coverage. Up to three applications may be made per season. Do not apply within 21 days of harvest.
	Black swallowtail		
	Avocado leafroller		
	Orange tortrix		
VEGETABLES	Citrus Caterpillar	10 to 20	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 14 days of harvest.
	Citrus looper		
	Citrus caterpillar		
	Citrus looper		
Beans (Dry & Snap)	Western bean cutworm	20 to 30	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 14 days of harvest.
	Armyworms		
	Dipterous leaf miners		
	Lygus bugs		
Lima Beans	Mexican bean beetle	20 to 30	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Up to five applications may be made per season. Do not apply within 3 days of harvest.
	Stink bugs		
	Variegated cutworm		
	Western bean cutworm		
Cucumbers (Southern Peas Crowder Peas)	Armyworms	20 to 30	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Do not apply more than twice per season but not within 14 days of harvest.
	Dipterous leaf miners		
	Lygus bugs		
	Stink bugs		
Brussels Sprouts Cabbage Cauliflower	Western yellow-striped armyworm	10	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 21 days of harvest.
	Imported cabbageworm		
	Variegated cutworm		
	Diamond-back moth		
Carrots	Western yellow-striped armyworm	10 to 20	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 28 days of harvest. Do not use tops for food or feed.
	Imported cabbageworm		
	Variegated cutworm		
	Diamond-back moth		
Cauliflower	Western yellow-striped armyworm	10	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 28 days of harvest. Do not use tops for food or feed.
	Imported cabbageworm		
	Variegated cutworm		
	Diamond-back moth		