

3125 - 184

11/7/1978

Dylox

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80% Soluble Powder Crop Insecticide
for more effective insect control.

AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

ACTIVE INGREDIENT:

Dimethyl (2,2,2-trichloro-1-hydroxyethyl) phosphonate 80%
INERT INGREDIENTS: 20%
100%

EPA Reg. No. 3125-184-AA

STOP—Read the label before use.

WARNING.

Keep out of reach of children.
(See backside for warning statements)



Möb Chemical Corporation
Agricultural Chemicals Division
Box 4913, Kansas City, Mo. 64120

DIRECTIONS FOR USE.

IMPORTANT: Read these entire Directions and Conditions of Sale before using DYLOX 80% Soluble Powder.

CONDITIONS OF SALE.

The directions on this label were determined through research to be the directions for correct use of this product. This product has been tested for a range of weather conditions similar to those weather conditions that are ordinary and customary in the geographic area where the product is used. Insufficient control of pests may result from the occurrence of extraordinary or unusual weather, or from failure to follow label directions. In addition, failure to follow label directions may cause injury to the crop to which the product is applied, other crops, animals, man, or the environment. Möb and the seller offer, and the buyer accepts and uses, this product subject to the conditions that extraordinary or unusual weather, or failure to follow label directions are beyond the control of Möb and are therefore, the responsibility of the buyer.

DYLOX insecticide 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 timing of applications in your area.

Reduced to 75%
of Original

Best Available Copy

RECOMMENDED APPLICATIONS

CROP	INSECT	Ounces DYLOX 80% SP	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 cutting with the last application up to the day of cutting.
	Alfalfa webworm	5 to 20	
	Western yellow-striped armyworm	10	
	Beet armyworm Leafhoppers Variegated cutworm	10 to 20	
	Armyworm Alfalfa plant bug Lygus bugs Stink bugs Tarnished plant bug	20	
Barley Flax Oats Wheat	Armyworms Beet webworm Variegated cutworm	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. NOTE: Applications may be made without removal of grazing livestock.
	Bertha armyworm Diamondback moth	20	
Corn Field Sweet Popcorn	Armyworms Cutworms	10 to 20	Apply specified dosage per acre in sufficient water for complete coverage but not less than 1 gallon per acre. Three applications may be made per season. For early application when plants are 3 to 12 inches high, direct the spray to the lower portions of plants and to the soil around the base of the plants. Later applications may be made as full coverage spray up to day of harvest.
Cotton	Cotton fleahopper	5 to 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 application may occasionally cause marginal leaf burn. Note: For control of light to moderate infestation of cotton fleahoppers, use 5 ounces of DYLOX 80% SP per acre. Higher rates may be required if heavy infestations or migrators occur.
	Cotton leafworm Darkling ground beetle Western yellow-striped armyworm	10 to 20	
	Beet armyworm Southern garden leafhopper	20	
	Black fleahopper complex Cotton leaf perforator Leaf roller Lygus bugs Stink bugs	20 to 30	
	Salt-marsh caterpillar	30	
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 cutting with the last application up to the day of cutting. Do not apply more than 3 times per season if crop is not cut for hay. NOTE: Applications may be made without removal of grazing livestock.
	Armyworm Fall Armyworm Plant bugs	20	
Safflower	Armyworms Lygus bugs Thrips Variegated cutworm	20 to 30	Apply specified dosage per acre in each of two applications using sufficient water for complete coverage but not less than 1 gallon per acre. Do not apply more than twice per year or later than bloom stage. Make first application approximately 2 weeks prior to bloom—second application at onset of bloom.
Sugar Beets	Beet webworm 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. Do not apply within 14 days of harvest.
	Dipterous leaf miners	20	
	Alfalfa webworm Beet armyworm	20 to 30	
Tobacco	Salt-marsh caterpillar	30	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 3 days of harvest.
	Budworm Hornworm	20	
SEED FIELD CROPS	Green June beetle larvae	10	Apply specified dosage in 100 gallons of water per 100 square yards to control. 3 lbs of plant buds.
	Armyworms Lygus bugs Stink bugs Variegated cutworm	20 to 30	
Soybeans	Armyworms Dipterous leaf miners Lygus bugs Stink bugs Variegated 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 up to 7 days before harvest. Do not apply to alfalfa or clover seed crop may be used for grazing or hay, however, do not cut green crop for these purposes. Do not pasture or use treated soybeans for feed, food, forage, or for purposes.
FRUIT	Fruit tree leafroller Omnivorous leafroller Black Swallowtail	40	Apply specified dosage per acre in sufficient water for complete coverage but not less than 1 gallon per acre. The application may be made by aircraft up to 7 days before harvest. Two applications with ground equipment may be made in addition one aerial application. However, if more than one application is made within 21 days of harvest.
	Avocado Leafroller Orange Tortrix Citrus Cutworm Citrus looper	80	

ACCEPTED

NOV 7 1978

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

RECOMMENDED APPLICATIONS

CROP	INSECT	Dose DYLOX 80% SP	REMARKS
VEGETABLES	Western bean 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. Do not apply within 14 days of harvest.
	Armyworms Dipterous leaf miners Lygus bugs Mexican bean beetle Stink bugs Variegated cutworm	20 to 30	
Lima Beans	Western bean cutworm	10 to 20	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.
	Armyworms Dipterous leaf miners Lygus bugs Mexican bean beetle Stink bugs Variegated cutworm	20 to 30	
Cowpeas (Southern Peas, Black-eyed Peas, Crowder Peas)	Armyworms Dipterous leaf miners Imported cabbageworm Lygus bugs Mexican bean beetle Stink bugs Variegated cutworm	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 nor within 14 days of harvest.
	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.
Brussels Sprouts Cauliflower	Imported cabbageworm Variegated cutworm	10 to 20	
	Diamondback moth	20	
Carrots	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	10 to 20	
	Diamondback moth Dipterous leaf miners	20	
	Beet armyworm Lygus bugs	20 to 30	
	Salt-marsh caterpillar	30	
Cauliflower	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 harvest begins to form. Do not apply within 28 days of harvest.
	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.
	Variegated cutworm	10 to 20	Apply specified dosage per acre in sufficient water for complete coverage but not less than 1 gallon per acre. Do not apply more than 3 times per season nor within 3 days of harvest.
Pumpkin	Squash bug	20	
	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. Do not apply within 28 days of harvest. Do not eat tops.
Tape Beets	Alfalfa webworm Beet webworm Dipterous leaf miners Salt-marsh caterpillar	20	
	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.
ORNAMENTALS	Nantucket 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.
	Armyworms Bagworms Girdling cutworms Dipterous leaf miners Lygus bugs Stink 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.
	Curworms Sod webworms (Lawn moths)	2 1/2 to 3 1/2	Mix specified dosage (approximately 1/2 to 1 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, compressed 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 end sprayers. NOTE: Do not use treated areas for cloppings from treated areas for feed or forage.
	White Grubs	3 1/2	

PREMISE SPRAY FOR FLY CONTROL

For Fly Control in and Around Farm Buildings (Except Dairy Barns and Poultry Houses): Mix 5 pounds of DYLOX 80% Soluble Powder in 40 gallons of water (equivalent to 5 level tablespoonfuls per gallon). Thoroughly wet all areas to be treated by spraying 1 gallon per 500 square feet of surface area or to the point of run-off. Apply to floors, walls, ceiling, around windows, doors, and other areas where flies congregate. Also spray stock pens (after removal of animals), garbage areas, and other locations where refuse has collected. Repeat applications every 1 to 2 weeks or as fly populations increase. For longer residual control, add 1 pound of sugar to each gallon of spray solution.

RESTRICTIONS: Premise Spray

Remove animals before spraying barn. Do not treat portions of buildings where poultry feed. Direct application to walls, floors, or other surfaces previously treated with lime, whitewash, or other alkaline materials may be ineffective. Do not contaminate feed, water, or milk-handling equipment.

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 1/4	4 3/4
7 1/2	2 1/4	4 3/4	7
8	2 1/2	5	7 1/2
10	3 1/4	6 1/4	9 3/4
16	5	10	15
20	6 1/4	12 1/4	18 1/4
30	9 3/4	18 3/4	28 1/4

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

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 treat food crops grown in the greenhouse.

CONTAINER AND WASTE DISPOSAL

Rinse equipment and containers and dispose of wastes by burying in non-crop land 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. Harmful if 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 feed or food. 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 antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

DYLOX is a Reg. TM of the Parent Company of Farpoint/Smith Bayer GmbH, Leverkusen