

RECOMMENDED APPLICATIONS

CROP	INSECT	Ounces DYLOX 80%	REMARKS
FIELD CROPS			
Alfalfa Clover (Including mixed stands with grasses)	Alfalfa caterpillar	7½ 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	10 to 20	
	Leafhoppers		
	Variegated cutworm		
	Armyworm	20	
	Alfalfa Plant bug		
Lygus bugs			
Stink bugs			
Tarnished plant bug			
Barley Flax Oats Wheat	Armyworms	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.
	Beet webworm		
	Variegated cutworm		
	Bertha armyworm	20	
	Diamondback moth		
Corn	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 applications 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 migrations occur.
	Cotton leafworm	10 to 20	
	Darkling ground beetle		
	Western yellow-striped armyworm		
	Beet armyworm	20	
	Southern garden leafhopper	20 to 30	
	Black fleahopper complex		
	Cotton leaf perforator		
Leaf roller			
Lygus bugs			
Stink bugs			
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	20	
	Fall Armyworm		
	Plant bugs		
Safflower	Armyworms Lygus bugs Thrips Variegated cutworm	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 bloom stage. Make first application approx 2 weeks prior to bloom--second application at onset of bloom
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		
	Dipterous leaf miners	20	
	Alfalfa webworm	20 to 30	
	Beet armyworm		
Salt-marsh caterpillar	30		
Tobacco	Budworm Hornworm	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 3 days of harvest.
	Green June beetle larvae	10	Apply specified dosage in 100 gallons of water per 100 square yards to uprooted areas of plant beds.
SEED FIELD CROPS			
Alfalfa Clover	Armyworms 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. 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 oil purposes.
Soybeans	Armyworms Dipterous leaf miners Lygus bugs Stink bugs Variegated cutworm		
FRUIT	Fruit tree leafroller		Apply specified dosage per acre in sufficient water for

RECOMMENDED APPLICATIONS

(CONTINUED)

CROP	INSECT	OUNCES DYLOX 80%	REMARKS
VEGETABLES ✓ Collards Lettuce	Thrips	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.
	Variegated cutworm		
Peppers	Armyworms	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.
	Beet webworm		
Pumpkin	Diamondback moth	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.
	Dipterous leaf miners		
Table Beets	Pepper maggot	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.
	Serpentine leaf miners		
Tomatoes	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.
	Squash bug		
ORNAMENTALS ✓ Flowers, Shrubs, & Trees	Variegated cutworm	10 to 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.
	Alfalfa webworm		
Narcissus	Beet webworm	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.
	Dipterous leaf miners		
Narcissus	Salt-marsh caterpillar	20 to 30	Mix specified dosage (approximately ½ to ¾ 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
	Beet armyworm		
Narcissus	Lygus bugs	20	
	Stink bugs		
Narcissus	Tarnished plant bug		
	Tobacco budworm		
Narcissus	Webworms		

✓ Grasses (Including Rangeland & Pastures)	Armyworm Fall Armyworm Plant 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 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.
✓ Safflower	Armyworms Lygus bugs Thrips Variegated cutworm	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 bloom stage. Make first application approx 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	
	Salt-marsh caterpillar	30	
✓ Tobacco	Budworm Hornworm	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 3 days of harvest.
	Green June beetle larvae	10	Apply specified dosage in 100 gallons of water per 100 square yards to uprooted areas of plant beds.
✓ SEED FIELD CROPS	Armyworms 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. 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 oil purposes.
✓ Alfalfa Clover			
✓ Soybeans	Armyworms Dipterous leaf miners Lygus bugs Stink bugs Variegated cutworm		
✓ FRUIT Citrus (California only)	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. One application may be made by aircraft up to 7 days before harvest. Two applications with ground equipment may be made in addition to one aerial application. However, if more than one application is made do not apply last application within 21 days of harvest.
	Avocado Leafroller Orange Tortrix Citrus Cutworm Citrus looper	80	
✓ 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.
✓ 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 Diamondback moth	10 to 20 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 20	
	Diamondback moth	20	
	Dipterous leaf miners	20	
	Beet armyworm Lygus bugs Salt-marsh caterpillar	20 to 30 30	

✓ Tomatoes	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	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 Climbing cutworms Dipterous leaf miners Lygus bugs Stink bugs Tarnished plant bug Tobacco budworm Webworms	20 to 30	
✓ Flowers, Shrubs, & Trees			
✓ 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)	2½ to 3%	Mix specified dosage (approximately ½ to ¾ 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 proportioner sprayers. NOTE: Do not use treated areas or clippings from treated areas for feed or forage.
	White Grubs	3%	

RATE/ACRE IN OUNCES OF DYLOX 80% S.P.	POUNDS OF DYLOX 80% S.P. TO TREAT:		
	5 ACRES	10 ACRES	15 ACRES
5	1½	3½	4½
7½	2½	4½	7
8	2½	5	7½
10	3½	6½	9½
16	5	10	15
20	6½	12½	18½
30	9½	18½	28½

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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(CONTINUED)

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✓ VEGETABLES	Thrips	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.
	Variegated cutworm	10 to 20	
✓ Collards	Armyworms	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.
✓ Lettuce	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. Do not apply more than 3 times per season nor within 3 days of harvest.
✓ Pumpkin	Variegated cutworm	10 to 20	
	Squash bug	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.
✓ Table Beets	Variegated cutworm	10 to 20	
	Alfalfa webworm	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 webworm Dipterous leaf miners Salt-marsh caterpillar	20	
✓ Tomatoes	Beet armyworm Lygus bugs	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 21 days of harvest.
	Serpentine leaf miners Tomato hornworms Dipterous leaf miners	20	
✓ ORNA- MENTALS	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.
✓ Flowers, Shrubs, & Trees	Armyworms Bagworms Climbing 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.

FOR EASY OPENING,



CUT ALONG THIS LINE

ACCEPTED

DEC 30 1975

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



®
DYLOX

	miners		necessary. Do not apply within 21 days of harvest.
ORNA- MENTALS	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.
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✓ Lawns and Turf	Cutworms Sod webworms (Lawn moths)	2½ to 3%	Mix specified dosage (approximately ½ to ½ 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 proportioner sprayers. NOTE: Do not use treated areas or clippings from treated areas for feed or forage.
	White Grubs	3%	

RATE/ACRE IN OUNCES OF DYLOX 80% S.P.	POUNDS OF DYLOX 80% S.P. TO TREAT.		
	5 ACRES	10 ACRES	15 ACRES
5 7¼	1½ 2¼	3¼ 4¼	4¾ 7

DYLOX[®]

80% SOLUBLE POWDER CROP INSECTICIDE

FOR MORE EFFECTIVE INSECT CONTROL

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† . . . 80%

INERT INGREDIENTS: 20%
100%

EPA Reg. No. 3125-184-AA

Chemicals for Agriculture

MANUFACTURED BY

DEC 30 1975

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



®
DYLOX

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.

⑩ 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

®

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INERT INGREDIENTS: 20%
100%

EPA Reg. No. 3125-184-AA

Chemicals for Agriculture

MANUFACTURED BY

Chemagro

Agricultural Division
Mobay Chemical Corporation
Box 4913, Kansas City, Missouri 64120

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.

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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 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 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.

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 registered trademark of the Parent Company of Farb- und Lackfabriken Bayer GmbH, Leverkusen.

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