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3125-184

14811

BLD7

Base Reg. (5804)

U.S. LABEL

Reason to Issue: To revise Corporate name; under cabbage, add tight heading varieties of Chinese cabbage; delete turf and ornamental uses.

Date of Draft: 2/4/86 (S)  
Supersedes Draft Dated: 7/29/85

EPA Reg. No. 3125-184

® DYLOX

80% SOLUBLE POWDER

CROP INSECTICIDE

Only for agricultural use, or for sale to, use, and storage by commercial applicators, and other servicepersons.

Not for Sale or Use in the State of Maine

ACCEPTED  
MAR 24 1987  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 3125-184

FOR MORE EFFECTIVE INSECT CONTROL

NET WEIGHT            POUNDS

KEEP OUT OF REACH OF CHILDREN

WARNING

(See Rear Panel for Statements of Practical Treatment and Other Precautionary Statements)

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

EPA Reg. No. 3125-184-AA  
EPA Est. 3125-MO-1

AVISO  
PRECAUCION 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.)

STOP - READ THE LABEL BEFORE USE

MOBAY CORPORATION  
AGRICULTURAL CHEMICALS DIVISION  
Box 4913, Kansas City, Mo. 64120

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DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

**IMPORTANT:** Read these entire Directions and Conditions of Sale before using DYLOX 80Z 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 AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED 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 OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MOBAY OFFERS, 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 MOBAY 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 80Z 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 80Z Soluble Powder into full amount of water and then agitate. Use immediately after mixing. It is recommended that DYLOX 80Z 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 80Z 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.

**NOTE:** Spray droplets from applications of DYLOX 80Z Soluble Powder may cause spotting of paint finishes on aluminum and steel siding, automobiles, trucks and tractors. Do not allow spray droplets to contact metal painted surfaces. If accidental exposure does occur, the painted surface should be thoroughly washed immediately after exposure.

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RECOMMENDED APPLICATIONS

CROP	INSECT	Ounces DYLOX 80Z SP	REMARKS
FIELD CROPS  Alfalfa Clover (Including mixed stands with grasses)	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 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 80Z SP per acre. Higher rates may be required if heavy infestations or migrations 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	

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RECOMMENDED APPLICATIONS  
(Continued)

CROP	INSECT	Ounces DYLOX 80Z SP	REMARKS
<b>FIELD CROPS (Cont.)</b>			
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 live-stock.
	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	
	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.

RECOMMENDED APPLICATIONS  
(Continued)

CROP	INSECT	Ounces DYLOX 80Z SP	REMARKS
<b>SEED FIELD CROPS</b>			
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, <u>do not</u> cut green crop for these purposes. Do not pasture or use treated soybeans for feed, food, forage, or oil purposes. NOTE: Due to lygus bug resistance in certain areas of alfalfa and clover, DYLOX used alone may not provide satisfactory control. Consult your local agricultural advisor or Extension Service for recommendations.
	Soybeans		
<b>FRUIT</b>			
Blueberries	Spanworm	16	Apply specified dosage per acre using sufficient water for complete coverage, but not less than 1 gallon per acre. Make a prebloom application as soon as insects appear. A second application may be made during bloom but not less than 7 days after first application. Do not apply after bloom stage.
Citrus (California only)	Fruit tree leaf-roller Omnivorous leaf-roller 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	
<b>VEGETABLES</b>			
Beans (Dry & Succulent)*	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. *Identified as <u>Phaseolus</u> sp. (including kidney beans, wung beans, navy beans, pinto beans, snap beans, and wax beans); <u>Vicia</u> sp. (including broad beans, fava beans); <u>Vigna</u> sp. (including (including asparagus beans).
	Armyworms Dipterous leaf miners Lygus bugs Mexican bean beetle Stink bugs Variegated cutworm	20 to 30	

## RECOMMENDED APPLICATIONS

(Continued)

CROP	INSECT	Ounces DyLOX 80% SP	REMARKS
<b>VEGETABLES (Cont.)</b>			
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 (Includes tight heading varieties of Chinese 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	10 to 20	
	Diamond back 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	
	Diamond back moth Dipterous leaf miners	20	
	Beet armyworm Lygus bugs	20 to 30	
	Salt-marsh caterpillar	30	
	Thrips Variegated cutworm	10 to 20	
Collards Lettuce	Armyworms Beet webworm Diamond back moth 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 until heads begin to form. Do not apply within 28 days of harvest.
	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.
	Squash bug	20	
	Pumpkin		

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DYLOX 80Z SP

RECOMMENDED APPLICATIONS (Continued)

CROP	INSECT	Ounces DYLOX 80Z SP	REMARKS
<b>VEGETABLES (Cont.)</b>			
Table Beets	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.
	Alfalfa webworm	20	
	Beet webworm		
	Dipterous leaf miners		
	Salt-marsh caterpillar	20 to 30	
Beet armyworm			
	Lygus bugs		
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.

**PREMISE SPRAY FOR FLY CONTROL:**

For Fly Control in and Around Farm Buildings (Except Dairy Barns and Poultry Houses): Mix 5 pounds of DYLOX 80Z 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 80Z S.P.

POUNDS OF DYLOX 80Z S.P. TO TREAT:

	5 ACRES	10 ACRES	15 ACRES
5	1-1/2	3-1/8	4-2/3
7-1/2	2-1/3	4-2/3	7
8	2-1/2	5	7-1/2
10	3-1/8	6-1/4	9-3/8
16	5	10	15
20	6-1/4	12-1/2	13-3/4
30	9-3/8	18-3/4	28-1/8

**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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RESTRICTIONS

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.

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.

RE-ENTRY STATEMENTS

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not reenter treated fields within 24 hours unless protective clothing is worn. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

(The following may appear on supplemental labeling accompanying the product)

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings should include those statements found under the label heading "Precautionary Statements" and "Re-entry Statements" included on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: WARNING, area treated with DYLOX 80Z Soluble Powder on (date of application). Do not reenter treated fields within 24 hours unless protective clothing is worn. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes. If swallowed, vomiting should be induced. (See Precautionary Statements on label).

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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.

STATEMENTS OF PRACTICAL TREATMENT

If swallowed, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipcac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Have patient lie down and keep quiet. Professional medical assistance should be secured immediately.

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.



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**ENVIRONMENTAL HAZARDS****PROTECT WILDLIFE !!**

This pesticide is toxic to fish and wildlife and is extremely toxic to aquatic invertebrates. Apply the product in strict accordance with label directions. Do not apply when weather conditions favor drift from areas treated. Do not apply to water or wetlands. Do not apply where runoff is likely to occur. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. In cleaning of equipment or disposal of wastes, do not contaminate water.

**STORAGE AND DISPOSAL**

**Pesticide Disposal:** Do not contaminate water, food or feed by storage or disposal.

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Do not use container in connection with food, feed, or drinking water. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away. You may contact the Mobay Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Mobay Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtec at 800-424-9300.

DYLOX is a Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

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# Dylox

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

Not for sale or use in the State of Maine.

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

**NOT REVIEWED**  
In Accordance with PR Notice 8-2-57 based on Draft Labeling Dated 3/29/57

EPA Reg. No. 3125-184-AA

**STOP—Read the label before use.**

**Keep out of reach of children. WARNING.**

(See Rear Side for Statements of Practical Treatment and Other Precautionary Statements)

**AVISO.**

**PRECAUCION AL USARIO:** 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.)



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

**DIRECTIONS FOR USE.**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**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 this product is used. Maximum control of pests and/or injury to the crop to which the product is applied 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 other crops, animals, man, or the environment. Mobay offers, and the buyer accepts and uses, this product subject to the condition that extraordinary or unusual weather, or failure to follow label directions are beyond the control of Mobay 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 is 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.

Note: Spray droplets from applications of DYLOX 80% Soluble Powder may cause spotting of paint finishes on aluminum and steel siding, automobiles, trucks and tractors. Do not allow spray droplets to contact metal painted surfaces. If accidental exposure does occur, the painted surface should be thoroughly washed immediately after exposure.

**RECOMMENDED APPLICATIONS**

CROP	INSECT	DOSAGE DYLOX 80% SP	REMARKS
FIELD CROPS	Alfalfa caterpillar	1 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	1/2 to 1	
	Beet armyworm Leafhoppers Variegated cutworm	1/2 to 1	
Alfalfa Clover (including mixed stands with grasses)	Armyworm Alfalfa plant bug Lygus bug Stink bug Tarnished plant bug	1/2 to 1	
	Armyworm Beet webworm Variegated cutworm	1/2 to 1	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.
Barley Flax Oats Rye	Armyworm Beet webworm Variegated cutworm	1/2 to 1	
	Bertha armyworm Diamondback moth	1/2 to 1	
Corn	Armyworm Cutworm	1/2 to 1	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. 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 to full coverage spray up to day of harvest.
	Cotton leaf wiper	1 to 20	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Do not harvest treated fields within 14 days of application. Do not apply within 14 days of picking. DYLOX application may occasionally cause marginal leaf burn.
Cotton	Cotton leafworm Darkling ground beetle Western yellow striped armyworm	10 to 20	Make 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.
	Beet armyworm Southern garden leafhopper	1/2 to 1	
	Black flycatcher Cotton leaf miner Cotton leaf worm Leaf hopper Lygus bug Stink bug	1/2 to 1	
Grasses (including Rangeland & Pasture)	Leafhopper	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.
	Armyworm Fall Armyworm Pasture bug	1/2 to 1	NOTE: Applications may be made without removal of grazing livestock.
Sunflower	Armyworm Lygus bug Stink bug Variegated cutworm	1/2 to 1	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	1/2 to 1	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Repeat if necessary. Do not apply within 14 days of harvest.
	Diabrotica leaf beetles	1/2 to 1	
	Alfalfa webworm Beet webworm	1/2 to 1	
Tobacco	Spotted winged beetle	1/2 to 1	
	Redworm Nornorm	1/2 to 1	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. For best control, make application directly into bud. Repeat if necessary. Do not harvest within 3 days of harvest.
Wheat	Green grasshopper Armyworm	1/2 to 1	Apply specified dosage in 100 gallons of water per 100 square yards to uprooted areas of plant beds.
	Beet webworm Variegated cutworm	1/2 to 1	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 stalks and straw seed crop may be used for feed or forage. However, do not cut green crop for these purposes. Do not pasture or use treated hay for feed. Seed storage or oil purposes.
BEET FIELD CROPS (Alfalfa Clover)	Armyworm Lygus bug Stink bug Variegated cutworm	1/2 to 1	NOTE: In alfalfa and clover DYLOX used alone may not provide satisfactory control. Consult your State Agricultural Extension Service for recommendations.
Soybeans	Armyworm Diabrotica leaf beetle Lygus bug Stink bug Variegated cutworm	1/2 to 1	
FRUIT (Blueberries)	Stink bug	1/2 to 1	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Make a pre-bloom application as soon as insects appear. A second application may be made during bloom but not less than 7 days after first application. Do not apply after bloom stage.

# RECOMMENDED APPLICATIONS

CROP	INSECT	Amount DYLOX 80% SP	REMARKS
FRUIT Crops (California only)	Fruit leaf miner Citrus green leafhopper Black scale/white	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 one aerial application. However, if more than one application is made do not apply last application within 21 days of harvest.
	Avocado leaf miner Orange tortrix Citrus cutworm Citrus leafhopper	60	
VEGETABLES Beans (Dry & Succulent)	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 miner Lygus bugs Mexican bean beetle Black bugs Vernigged cutworm	10 to 20	Identified as Phaseous sp. including kidney beans, mung beans, navy beans, split beans, lima beans, and wax beans. Moths sp. including meadow beans, fava beans, vicia sp. including asparagus beans.
Cucurbit	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 3 days of harvest.
	Armyworms Dipterous leaf miner Lygus bugs Mexican bean beetle Black bugs Vernigged cutworm	10 to 20	
Cucurbit (Southern Pump, Bush- eyed Peas, Cowpea Peas)	Armyworms Dipterous leaf miner Imported cabbageworm Lygus bugs Mexican bean beetle Black bugs Vernigged cutworm	10 to 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 twice per season nor within 14 days of harvest.
	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 21 days of harvest.
Cucurbit (Includes light bearing varieties of Cucurbit cabbage) Cauliflower	Imported cabbageworm Vernigged cutworm	10 to 20	
	Diamondback moth	10 to 20	
Cucurbit	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 tools for food or feed.
	Imported cabbageworm Vernigged cutworm	10 to 20	
	Diamondback moth Dipterous leaf miner	10 to 20	
	Leaf miner Lygus bugs Salt-marsh caterpillar	10 to 20	
Cucurbit Lettuce	Thrips Vernigged 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.
	Armyworms Leaf miner Diamondback moth Dipterous leaf miner Salt-marsh caterpillar	10 to 20	
Peppers	Dipterous leaf miner Pepper thrips Scorpion leaf miner	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.
	Vernigged cutworm	10 to 20	
Squash	Squash bug	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.
	Vernigged cutworm	10 to 20	
Table Beans	Armyworms Dipterous leaf miner Salt-marsh 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 28 days of harvest. Do not eat top.
	Leaf miner Lygus bugs	10 to 20	
Tomatoes	Scorpion leaf miner Lycophotia Dipterous leaf miner	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 21 days of harvest.
		10 to 20	

**BEST AVAILABLE COPY**

## 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 table-spoonfuls 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 GALLONS OF DYLOX 80% S P	POUNDS OF DYLOX 80% S P TO TREAT	10 ACRES	15 ACRES
5	1 1/2	3 1/2	4 1/2
7 1/2	2 1/2	4 1/2	7
8	2 1/2	5	7 1/2
10	3 1/2	6 1/2	9 1/2
16	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.

## RESTRICTIONS.

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

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

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

## RE-ENTRY STATEMENTS.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by treated persons. Do not re-enter treated fields within 24 hours unless protective clothing is worn. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings should include those statements found under the label heading "Precautionary Statements and Re-entry Statements" included on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: **WARNING:** Area treated with DYLOX 80% Soluble Powder on (date of application). Do not re-enter treated fields within 24 hours unless protective clothing is worn. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes. If swallowed, vomiting should be induced. (See Precautionary Statements on label.)

## STORAGE AND DISPOSAL.

**Pesticide Disposal:** Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Do not use container in connection with food, feed, or drinking water. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents keep unauthorized people away. You may contact the Mobay Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Mobay Kansas City Emergency Response Telephone No. is 816-242-2532 or contact Chemtrec at 800-424-9300.

## PRECAUTIONARY STATEMENTS. HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

### 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.

## STATEMENTS OF PRACTICAL TREATMENT.

If swallowed, vomiting should be induced. Administer water freely to induce vomiting by giving one (4 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Have patient lie down and keep quiet. Professional medical assistance should be secured immediately. 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 antidote. 2-PAM is also antidote and may be administered in conjunction with atropine.

## ENVIRONMENTAL HAZARDS.

**PROTECT WILDLIFE!** This pesticide is toxic to fish and wildlife and is extremely toxic to aquatic invertebrates. Apply the product in strict accordance with label directions. Do not apply when weather conditions favor drift from areas treated. Do not apply to water or wetlands. Do not apply where runoff is likely to occur. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. In cleaning of equipment or disposal of wastes, do not contaminate water.

DYLOX is a Reg. TM of Bayer AG, Leverkusen.