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NOR-AM
A Schering Berlin Company

June 2, 1993

Attn: Mr. Robert Forrest (PM14)
Document Processing Desk
Office of Pesticide Programs - H7505C
U. S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

NOR-AM Chemical Company

3509 Silverside Road P.O. Box 7495 • Wilmington, DE 19803 Telephone: (302) 477-3000 Telefax: (302) 477-3013

Subject:

PROXOL 80SP

EPA Reg. No. 45639-123

Notification of Compliance with PR Notice 93-3

Dear Mr. Forrest:

NOR-AM Chemical Company hereby makes notification to the Agency of insertion of the newly revised water/wetlands statement and replacement of the previous statement in the Environmental Hazards section of the PROXOL 80SP label. This action is to comply with the label changes required by PR NOTICE 93-3, and is in accordance with the notification procedure promulgated in PR NOTICE 88-6 and 40 CFR 152.46.

In support of this notification, I enclose a completed EPA Ford 8570-1 and five (5) copies of the revised labeling.

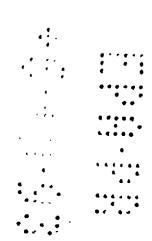
If you have any questions concerning this action, please contact me at this office, telephone (302) 892-3034.

Sincerely.

Richard R. Stevens

Registration Project Manager

RRS:mab 8393.rrs



Yellow -

Applicant copy

White - EPA File Copy (original)

EPA Form \$570-1 (Rev. 12-90)

Previous editions are obsolete.



BESTAVAIL

INSECTICIDE

For Farm Crops and Fine Turf Areas

ACTIVE INGREDIENT!

Dimetry 2.2.2-than pro-1-typaraxyethy/iphosphanate

INERT INGREDIENTS:

TOTAL

EPA Reg. No. 45639-123

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicada ampliamente.

KEEP OUT OF REACH OF CHILDREN WARNING — AVISO STATEMENT OF PRACTICAL TREATMENT

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FOR CHEMICAL EMERGENCY—Spill, Leak, Fire, Exposure, or Accident CALL (800) 424-9300 DAY OR NIGHT

WARNING

Causes substantial but temporary eye injury. May be fatai if swallowed or inhaled. Harmful if absorbed through the skin. Do not get in eyes or on clothing. Do not breathe dust. Avoid contact with skin. Wear goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling. Wash contaminated clothing with soap and hot water before reuse.

PRECAUTIONS

Use with adequate ventilation. If not adequate, wear a respirator jointly approved by the Mining Enforcement and Safety Administration (formerly U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part II. Keep children and pets off treated areas until spray has dried. 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 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 APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION EQUIPMENT.

REENTRY STATEMENT: Refer to the Recommended Applications section of this label for applicable reentry interval.

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. 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. 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.

ENVIRONMENTAL HAZARDS: This product is toxic to fish and wildlife and is extremely toxic to aquatic invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to interitidal areas below the interit high witter mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters.

manner inconsistent with its jacewing.

STORAGE AND DISPCSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a cool, dry place (minimum 0° F, 30 day average not to exceed 100° F). Store in original container and keep closed.

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

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer plastic container for recycling or reconditioning, or puncture and dispose of containers in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DO NOT REUSE THIS CONTAINER

IMPORTANT: Read these entire Directions and Conditions of Sale, including the Warranty and Disclaimer of Warranties, and Limitation of Liability provisions, before using PROXOL® 80 SP. For agricultural use and for sale to service persons. Do not store in or around the house. PROXOL 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, PROXOL supplements the natural control factors, instead of destroying them. This advantage is lost when PROXOL is used in conjunction with parathion or other nonselective insecticides. Accordingly, for most effective and most economical control, PROXOL 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 PROXOL is not recommended for the control of aphids, mites, and cabbage looper, some suppression of these pests may result from recommended dosages.

LAWN CARE INDUSTRY: For the best results with PROXOL 80 SP against white grubs (Black turfgrass Ataenius, May beetle, European chafer, Asiatic Garden beetle, Japanese beetle, Northern Masked chafer, Oriental beetle), it is recommended that watering-in take place after application in order to improve efficacy. The applicator should water or leave written instructions for the homeowner or caretakento water.

Post treatment watering-in may be utilized up to 24 hours after application. Consideration must be given to species of grubs, and the level of infestation before imposed to the performed.

COMPATIBILITY: PROXOL 80 SP may be applied with most commonly used insecticides. Do not mix with alkaline materials such as lime and liting stulfur.

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MIXING: PROXOL 80 SP 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 PROXOL 80 SP into full amount of water and then agitate. Use immediately after mixing. It is recommended that PROXOL 80 SP be used in sprayers equipped with 50 mesh screens. If 100 mesh screens are used, some screen clogging may occur.

RECOMMENDED APPLICATIONS

DOSAGE: Use specified dosage of PROXOL 80 SP in the amount of water necessary to give complete coverage of foliage. The type of equipment used will determine the conceleration 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: DO NOT ALLOW PROXOL SPRAY TO DRIFT ONTO SORGHUM. TO DO SO MAY CAUSE BURN-ING OF THE SORGHUM OR MILO, Spray droplets from applications of PROXOL 80 SP 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.

TURF AND ORNAMENTALS

REENTRY STATEMENT: Do not enter treated areas without protective clothing until sprays have dried. Refer to the preceding "Precautions" section of this label for additional details.

FOR TEES, GREENS, FAIRWAYS, LAWNS AND OTHER FINE TURF:

	Rate				
Insect	Area Amount		Remarks		
Cutworms Sod webworms (lawn moths)	1,000 sq. ft. 5,000 sq. ft. 10,000 sa. ft.	1½ to 3¾ oz. ½ lb 1 lb	Apply by means of any commercial power ground sprayer. Do not use PROXOL 80 SP in hose proportioners.		
Armyworms	20,000 sq. ft. 30,000 sq. n. 40,000 sq. ft.	2 lb 3 lb 4 lb	For greens or other small areas—Mix specified amount of PROXOL 80 SP in 5 to 10 gallons of water and apply uniformly to 1,000 sq. ft.		
			For fairways and larger areas—Apply specified amount using sufficient water for complete coverage but not less than 10 gallons per acre.		
			For best results, mow the turf and rake dead grass from darnaged spots: water the turf and allow to dry before spraying. Do not water again until necessary. Apply PROXOL 80 SP when insect populations reach levels sufficient to warrant control measures.		
White grubs	1,000 sq. ft.	3 % oz.	Mix specified amount of PROXOL 80 SP in 15 to 30 gallons of water and apply uniformly to 1.000 sq. ft. of turf. Thoroughly irrigate turf immediately after application.		
			LAWN CARE INDUSTRY: For the best results with ROXOL. 80 SP against 'White grubs (Black Turfgrass Ataeniua, May beetle, European chafer, Asiatic Garden beetle, Japanese beetle, Northern Masked chafer, Oriental beetle), it is recommended that post watering-in take place immediately after treatment, but should not occur later than 24 hours after application. Consideration must be given to species of grubs, and the level of infestation, before irrigation treatmant's performed.		

FOR TEES, GREENS, FAIRWAYS, LAWNS AND OTHER FINE TURF (continued):

Insect	Area Ra	Amount		Remarks	. ~	
			After the grubs have been identified, count the number of grubs per square foot to ascertain timing of the irrigation treatment. The watering-in schedule is shown below:			
			Type of White Grub	White Grub Counts/Sq. Ft.	Watering-in Treatment	
		i k	European chafer, Asiatic Garden beetle, Japanese beetle,	No more than 59	Immediate	
			Northern Masked chafer, Oriental beetle (one-year cycle)	No more than 23	Within 24 hours	
			May beetle (three-year cycle)	No more than 29	Immediate	
				No more than 11	Within 24 hours	
			Higher grub counts tha treatments (late April to (late April to early May ulations below threshol	o early May or early Au late April to early Ma		
			Threshold levels of gru year-cycle larvae (Japa square foot, or 3 or mo square foot.	anese beetle, Masked	chafer, etc) per	
European Crane Fly larvae	1,000 sq. (it. 3¾ oz.	of PROXOL 80 SP in 1	area. For best results, a 15 to 30 gallons of wate Crane fly larvae are us atch. If necessary, irrig	apply specified amount er and apply uniformly ually located in the top ate turf or lawn after	
FOR ORNAMENT	ALS:					

Ornamental	Insect	Ounces PROXOL 80 SP	Remarks
	Nantucket pine tip moth Zimmerman pine moth	2	Mix specified dosage in 10 gallons of water and spray plants until they are thoroughly wet. Repeat as necessary.
Flowers Shrubs and Trees	Armyworms Bagworms Climbing cutworms Dipterous leaf miners Lygus bugs Stink bugs Tarnished plant bug Tobacco budworm Webworms	2 to 3	NOTE: 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. Injury from spray droplets may occur on leaves of certain trees.
Narcissus .	Narcissus bulb fly	2	Apply specified dosage in 10 gallons of water as a drench per 100 feet of row. Direct stream to base of plants at beginning of adult fly activity (early May to June). Repeat treatment annually.

FARM CROPS

REENTRY 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.

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 "Reentry 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 PROXOL® 80% 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, flush with a gentle, steady stream of water for 15 minutes. If swallowed, vomiting should be induced (See Precautionary Statements on label).

For Farm Crops:

FIELD CROPS Alfalfa Clover Corn Cotton Tobacco	SEED FIELD CROPS Alfalfa Clover Soybeans		FRUIT Blueberries	VEGETABLES Pumpkin Table beets Tornatoes	
Сгор	Insect	Ounces PROXOL 80 SP	Remarks	· · · · · · · · · · · · · · · · · · ·	
FIELD CROPS					
Alfalfa	Alfalfa caterpillar	7½ to 10	Apply specified dosage per	acre using sufficient	
Clover	Alfalfa webworm	5 to 20	water for complete coverage but not less than 1		
(including	Western yellow-		gallon per acre. Three appl		
mixed stands	striped armyworm	10	per cutting with the last application up to the da		
with grasses)	Beet armyworm		of cutting.		
	Leafhoppers				
	Variegated cutworm	10 to 20			
	Armyworm				
	Alfalfa plant bug				
	Lygus bugs, Stink bugs	00			
	Tamished plant bug	20			
Com Field, Sweet, and Popcom	Armyworms Cutworms 10 to 20		For early application when plants are 3 to 12 inches high, direct a band spray 10 to 12 inches wide, toward the soil, over the tops of the plants. Apply specified dosages per acre in sufficient water for complete coverage but not less than 1 gallon per acre. Three applications may be made per season. Later applications may be made as full coverage spray up to day of harvest.		
Cotton	Cotton fleehopper	5 to 20	Apply specified dosage per acre using autificies water for complete coverage but not less than gallon per acre. Do not pasture treated fields		
	Cotton leafworm				
	Darkling ground beetle				
	Western yellow-		within 14 days of application		
	striped armyworm	10 to 20	7 days of picking. PROXOL application may		
	Beet armyworm		occasionally cause margin	ai leaf burn. 👝 🔭	
	Southern garden	^^	MOTE To a first to		
	leafhopper		NOTE: For control of light t		
	Black fleahopper		of cotton fleahoppers, use		
	complex Cotton leaf perforator		80 SP per acre. Higher rates may be required		
	Leaf roller, Lygus bugs		heavy infestations or migra	LIONS OCCUR	
	Stink bugs	20 to 30		** **	
	Salt-marsh cuterpillar	30			
	maior votolbules				

FIELD CROPS

Сгор	Insect	Ounces PROXOL 80 SP	Remarks	
Tobacco	Budworm Hornworm	20	Apply specified dosage per acre using suffi- cient 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 herve	
	Green June beetle larvae	10	Apply specified dosage in 100 gallons of water per 100 square yards to uprooted areas of plant beds.	
	Black cutworm	20	Apply specified dosage per acre. Application may be made at transplanting or when cutworm damage is observnd in the field. For best results, use 25 to 50 gallons of water per acre on a 12 to 14 inch band and spray the entire plant and soil around the plant. Treat in early evening for best results, since cutworms are most active at night.	
SEED FIELD CF	ROPS			
Alfalfa Clover	Armyworms Lygus bugs Stink bugs Variegated cutworm	20 to <u>3</u> 0	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	0	40	A	
Blueberries	Spanworm Gypsy moth	<u>16</u> 20	Apply specified dosage per acre using suffi- cient 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.	I
VEGETABLES	Made and actions	404-00	At	
Pumpkin	Variegated cutworm Squash bug	10 to 20 20	Apply specified dosage per acre using suffi- cient water for complete coverage but not let than 1 gallon per acre. Do not apply more th three times per season nor within 3 days of harvest.	
Table beets	Variegated cutworm Alfalfa webworm Beet webworm Dipterous leaf miners	10 to 20	Apply specified dosage per acre using suffi- cient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 28 days of harvest. Ωο no	
	Salt-marsh caterpillar		_ eat tops.	•••
	Beet armyworms Lygus bugs	20 to 30	• • • • • • • • • • • • • • • • • • • •	•••
			.* . :	• •

Crop	Insect	Ounces PROXOL 80 SP	Remarks
Tomatoes	Serpentine leaf miners Tomato hornworms Dipterous leaf miners	20	Apply specified dosage per acre using suffi- cient 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

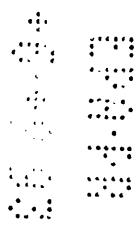
For Fly Control in and Around Farm Buildings (Except Dairy Barns and Poultry Houses): Mix 5 pounds of PROXOL 80 SP in 40 gations of water (equivalent to 5 level tablespoonfuls per gallon) Thoroughly wet all areas to be treated by spraying 1 gation per 500 square feet of surface area or to the point of 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 (Premisé 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.

CONVERSION CHART

Rate/Acre Ounces	Pounds of PROXOL 80 SP to Treat:		
PROXOL 80 SP	5 Acres	10 Acres	15 Acres
5	1½	31/4	43/3
7½	21/3	43/3	7
8	21/2	5	71/2
10	31/4	6¼	93/4
16	5	10	15
20	6¼	121/2	18¾
30	9%	18¾	281/2

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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By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather and soil conditions, manner of use and other factors beyond NOR-AM Chemical Com; any's control, it is impossible for NOR-AM to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES; THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of NOR-AM Chemical Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. UNDER NO CIRCUMSTANCES SHALL NOR-AM CHEMICAL COMPANY BE LIABLE FOR ANY SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES, OR DAM-AGE RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT NOR-AM'S ELECTION, THE RE-PLACEMENT OF PRODUCT.

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