

Reg # 45639-123

PM-14

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MAR 9 1995

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AgrEvo USA Company
Little Falls Centre One
2711 Centerville Road
Wilmington, DE 19808

Attention: Ms. Patricia M. Gallaway

Subject: Proxol 80SP
EPA Registration No. 45639-123
Your application of January 5, 1994
Your letter of March 2, 1995

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

1. Change the name of your company to:

AgrEvo USA Company
Little Falls Centre One
2711 Centerville Road
Wilmington, DE 19808

2. Add the following User Safety Recommendation to the label:

Remove PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

3. Change "Reentry statement" to "Entry statement".
4. Remove references to chemical-resistant headgear and apron.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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SPECIMEN LABEL

ACCEPTED with COMMENTS in EPA Letter Dated

Proposed Label

MAR 9 1995

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 45639-123

PROXOL[®] 80S

INSECTICIDE

For Use on Fine Turf and Ornamentals

ACTIVE INGREDIENT:

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

INERT INGREDIENTS:

TOTAL

EPA Reg. No. 45639-123

KEEP OUT OF REACH OF CHILDREN WARNING — AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

THIS PRODUCT IS AN ORGANOPHOSPHATE

Prolonged exposure will result in moderate to severe effects.

IF SWALLOWED: Call a physician immediately. Do not induce vomiting by touching back of throat with finger. Rinse mouth with water. If possible, induce vomiting and seek medical attention immediately.

IF INHALED: Remove to fresh air. If breathing is difficult, seek medical attention. Get medical attention.

IF IN EYES: Flush with water for at least 15 minutes. Get medical attention.

IF ON SKIN: Remove contaminated clothing. Wash skin with soap and water. Get medical attention.

NOTE TO PHYSICIAN: Antidotes for organophosphate poisoning are atropine and pralidoxime. Atropine should be given until the patient is no longer bradycardic. Pralidoxime should be given as soon as possible. Symptoms of poisoning include: headache, dizziness, blurred vision, salivation, lacrimation, sweating, nausea, vomiting, diarrhea, abdominal pain, muscle twitching, weakness, and respiratory depression. Edema of the lungs may occur. Pulmonary edema may be present 24 to 48 hours after exposure to the insecticide.

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

NOR-AM
NORAM CHEMICAL COMPANY
SPECIALTY PRODUCTS DIVISION
Little Falls Centre One
2711 Century In Road
Wilmington, DE 19808

NET CONTENTS:

BEST COPY AVAILABLE

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Causes substantial but temporary eye injury. May be fatal 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.

PRECAUTIONS

Do not use on plants used for food or forage. Use only according to label directions.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION EQUIPMENT.

REENTRY STATEMENT: Refer to the Recommended Applications section Agricultural Use Requirements or Non-Agricultural Use Requirements boxes of this label for applicable reentry interval.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and Other handlers must wear:

- > Long-sleeved shirt and long pants
- > Waterproof gloves
- > Shoes plus socks
- > Protective eyewear
- > Chemical-resistant headgear for overhead exposure
- > Chemical-resistant apron, when cleaning equipment, mixing, or loading
- > For exposure outdoors, dust/mist filtering respirator (MSHA/NIOSH approved number prefix TC-21C)
- > For exposure in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standards (WPS) for agricultural pesticides (40 CFR 170.240 (d) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing.

As soon as possible, wash thoroughly and change into clean clothing.

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 intertidal areas below the mean high water 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.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency in your State responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment and restricted-entry interval.

The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- > Coveralls
- > Waterproof gloves
- > Shoes plus socks
- > Protective eyewear

Should
not
entry
(see
WPS
letter)

Not
required
see WPS
letter

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep unprotected persons, children, and pets off treated areas until sprays have dried.

STORAGE AND DISPOSAL

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.

LAWN CARE INDUSTRY: For the best results with PROXOL 80 SP against white grubs (Black turf-grass 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 caretaker to 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 irrigation treatment is performed.

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

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 concentration required.

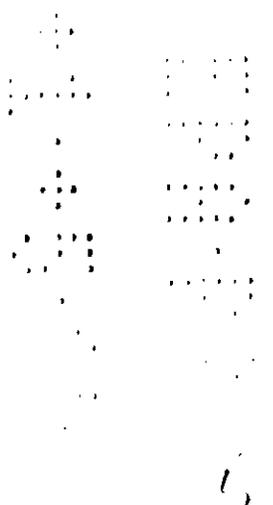
SPRAYING: Complete coverage and thorough application are essential for most effective results. Schedule applications in accordance with local conditions. Consult your State Agricultural Extension Service or Experiment Station for specific timing of applications in your area.

NOTE: Spray droplets from applications of 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

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

Insect	Rate		Remarks
	Area	Amount	
Cutworms	1,000 sq. ft.	1½ to 3¼ oz.	<p>Apply by means of any commercial power ground sprayer. Do not use PROXOL 80 SP in hose proportioners.</p> <p>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.</p> <p>For fairways and larger areas—Apply specified amount using sufficient water for complete coverage but not less than 10 gallons per acre.</p> <p>For best results, mow the turf and rake dead grass from damaged 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.</p>
Sod webworms	5,000 sq. ft.	½ lb	
(lawn moths)	10,000 sq. ft.	1 lb	
	20,000 sq. ft.	2 lb	
Armyworms	30,000 sq. ft.	3 lb	
	40,000 sq. ft.	4 lb	
White grubs	1,000 sq. ft.	3¼ oz.	<p>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.</p> <p>LAWN CARE INDUSTRY: For the best results with PROXOL 80 SP against White grubs (Black Turfgrass Atecius, 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 treatment is performed.</p>



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

Insect	Rate		Remarks															
	Area	Amount																
			<p>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:</p> <table border="1"> <thead> <tr> <th>Type of White Grub</th> <th>White Grub Counts/Sq. Ft.</th> <th>Watering-in Treatment</th> </tr> </thead> <tbody> <tr> <td>European chafer, Asiatic Garden beetle,</td> <td>No more than 59</td> <td>Immediate</td> </tr> <tr> <td>Japanese beetle, Northern Masked chafer, Oriental beetle (one-year cycle)</td> <td>No more than 23</td> <td>Within 24 hours</td> </tr> <tr> <td>May beetle (three-year cycle)</td> <td>No more than 29</td> <td>Immediate</td> </tr> <tr> <td></td> <td>No more than 11</td> <td>Within 24 hours</td> </tr> </tbody> </table> <p>Higher grub counts than listed of either species, may require repeat treatments (late April to early May or early August to September) (late April to early May...late April to early May) to reduce grub populations below threshold levels.</p> <p>Threshold levels of grubs, dictating control, are 6-8 or more one-year-cycle larvae (Japanese beetle, Masked chafer, etc...) per square foot, or 3 or more, three-year-cycle grubs (May beetle) per square foot.</p>	Type of White Grub	White Grub Counts/Sq. Ft.	Watering-in Treatment	European chafer, Asiatic Garden beetle,	No more than 59	Immediate	Japanese beetle, 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
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European Crane Fly larvae	1,000 sq. ft.	3 3/4 oz.	<p>Applications should be made when damage is first noticed in the lawn or other fine turf area. For best results, apply specified amount of PROXOL 80 SP in 15 to 30 gallons of water and apply uniformly to 1,000 sq. ft. of turf. Crane fly larvae are usually located in the top one inch of soil and thatch. If necessary, irrigate turf or lawn after application to move PROXOL 80 SP into the zone of crane fly larvae infestation.</p>															

FOR ORNAMENTALS:

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.

IMPORTANT: READ BEFORE USE

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 Company'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, OF 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. NOR-AM disclaims any liability whatsoever for incidental or consequential damages, including, but not limited to, liability arising out of breach of contract, express or implied warranty (including warranties of merchantability and fitness for a particular purpose), tort, negligence, strict liability or otherwise.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES 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 REPLACEMENT OF PRODUCT.

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Replaces: PL-SL-5M-(9109XJ)-Rev. 7/92
Revisions include:

- "For Use on..." on page 1
 - Worker Protection Standards
 - Text deleted in "Important" section following "Storage & Disposal"
 - "Note" under "Recommended Applications"
 - Deleted entire "Farm Crops" section
- DISCARD PREVIOUS LABELS!**