

Best Available Copy

1023-51

3-15-1979

ACCEPTED
MAY 15 1979
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under
EPA Reg. No. 1023-51

SEE ADDITIONAL USAGE BOOKLET IN THE INPAKIT BOTTOM OF THIS BAG

9-533-2

Net Weight 5 Pounds

Proxol[®] 80 SP INSECTICIDE

FOR FARM CROPS AND FINE TURF AREAS

IMPORTANT READ BEFORE USE

By using this product user 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, degree of use and other factors beyond TUCCI's control, it is impossible for TUCCI to anticipate all areas associated with use of this product. As a result, crop injury or ineffectiveness is always possible.

WARRANTY AND DISCLAIMER OF WARRANTIES:

TUCCI warrants that this material conforms to the chemical description on the label and is reasonably fit for use under the directions on the label. TUCCI AND SELLER MAKE NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS, MERCHANTABILITY OR OTHERWISE.

LIMITATIONS OF LIABILITY:
TUCCI is not liable for any damages arising from the use of this product, except to the extent of the replacement cost of the product used and shall not include any consequential damages such as loss of profit or other values.

NO CHANGES AUTHORIZED:
No one other than an authorized agent of TUCCI is authorized to make any alteration or change the above conditions, warranties, limitations and then only in writing with TUCCI's reference to this label.

TUCCI DIVISION OF THE UPJOHN COMPANY
KALAMAZOO, MICHIGAN 49001 U.S.A.

Active Ingredient: Dimethyl 2,2-trichloro-1-hydroxyethylphosphonate 80% w/w
Inert Ingredients: 20% w/w

WARNING: Keep out of reach of children

May be fatal if swallowed. Harmful if inhaled or absorbed through the skin. Do not get in eyes or on skin. Avoid breathing mist or dust. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse. Do not consume food or feed. Keep bag closed. Use with adequate ventilation.

FIRST AID: Prolonged exposure will result in cholinesterase depression. If swallowed, induce vomiting. In case of contact, remove contaminated clothing. Wash skin with soap and water. For eyes, flush with water for at least 15 minutes. Obtain prompt medical aid.

ANTIDOTE: Atropine sulfate is antidote. 2-PAM is also antidote and may be administered in conjunction with atropine.

PRECAUTION: 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 rates above those shown may result in illegal crop residues. Do not treat food crops grown in the greenhouse. This product is toxic to bees and should not be applied when bees are actively visiting the area.

WILDLIFE: This product is toxic to birds and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not spray when wildlife is likely to occur. Do not spray when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

CONTAINER & WASTE DISPOSAL: Rinse equipment and dispose of wastes by burying in non-crop land away from water supplies. Dispose of empty container by burying with wastes or by burning (Keep out of smoke).

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

533A2E EPA Reg. No. 1023-51-AA

TUCCI DIVISION OF THE UPJOHN COMPANY
KALAMAZOO, MICHIGAN 49001 U.S.A.

IMPORTANT READ BEFORE USE

By using this product user 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, degree of use and other factors beyond TUCCI's control, it is impossible for TUCCI to anticipate all areas associated with use of this product. As a result, crop injury or ineffectiveness is always possible.

WARRANTY AND DISCLAIMER OF WARRANTIES:

TUCCI warrants that this material conforms to the chemical description on the label and is reasonably fit for use under the directions and conditions on the label. TUCCI AND SELLER MAKE NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS, MERCHANTABILITY OR OTHERWISE.

LIMITATIONS OF LIABILITY:
The liability of TUCCI is limited to the replacement cost of the product used and shall not include any consequential damages such as loss of profit or other values.

NO CHANGES AUTHORIZED:
No one other than an authorized agent of TUCCI is authorized to make any alteration or change the above conditions, warranties, limitations and then only in writing with TUCCI's reference to this label.

TUCCI DIVISION OF THE UPJOHN COMPANY
KALAMAZOO, MICHIGAN 49001 U.S.A.

Directions For Use

IMPORTANT: Read these entire Directions and Conditions of Sale including the Warranty and Disclaimer of Warranties, and a disclaimer of liability provisions, before using Proxol 80 SP. 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 non-selective 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.

MIXING: Proxol 80 SP dissolves readily in water and is suitable for use in all power-operated ground sprayers and airblast sprayers. To determine water pour the required amount of Proxol 80 SP into full amount of water and then a plate. 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—Tees, Greens, Fairways, Lawns and other fine Turf:

Insects	Area	Amount	Remarks
Caterpillars	1,000 sq ft	1 1/2 to 2 1/2 oz	Apply by means of any commercial power ground sprayer
Soil meadowbugs	5,000 sq ft	1 1/2 to 2 1/2 oz	Do not use Proxol 80 SP in hose proportioners
Grasshoppers	10,000 sq ft	1 1/2 to 2 1/2 oz	
Armyworms	20,000 sq ft	2 1/2 to 4 oz	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
	40,000 sq ft	4 to 8 oz	
			For lawns 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 take 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.
White grubs	1,000 sq ft	3 1/2 to 4 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.

For Farm Crops: (See usage booklet)

FIELD CROPS	Cuts	FRUIT	Compost
Apple	Safflower	Citrus	(California only)
Alfalfa	Soybeans		Southern peas
Corn	Sugar beets		Black-eyed peas
Cotton	Tobacco		Crowder peas
Flax	Wheat	VEGETABLES	Lettuce
Hay		Beets (dry and snap)	Lima beans
Peas		Brussels sprouts	Peppers
Spinach		Cabbage	Pumpkin
Strawberries	SEED FIELD CROPS	Carrots	Table beets
	Alfalfa	Cauliflower	Tomatoes
	Corn	Cucumbers	
	Soybeans		

For Ornamentals: (See usage booklet)

E230P
EDP 696718

Reduced 46%

1/12

SEE ADDITIONAL USAGE
BOOKLET IN THE INPAKIT
BOTTOM OF THIS BAG

ACCEPTED
MAR 15 1979
Under the...
1023-51

**IMPORTANT
READ BEFORE USE**

9-533-1 Net Weight 2 Pounds

Proxol[®] 80 SP INSECTICIDE

FOR FARM CROPS AND FINE TURF AREAS

Active Ingredient	
Dimethyl(2,2,2-trichloro-1-hydroxyethyl)phosphonate	80% w/w
Inert Ingredients	20% w/w
	<hr/> 100% w/w

WARNING Keep out of reach of children.

May be fatal if swallowed. Harmful if inhaled, or absorbed through the skin. Do not get in eyes or on skin. Avoid breathing mist or dust. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse. Do not contaminate food or feed. Keep bag closed. Use with adequate ventilation.

FIRST AID Prolonged exposure will result in cholinesterase depression. If swallowed, induce vomiting. In case of contact, remove contaminated clothing. Wash skin with soap and water; for eyes, flush with water for at least 15 minutes. Obtain prompt medical aid.

ANTIDOTE Atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

PRECAUTION 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. This product is toxic to bees and should not be applied when bees are actively visiting the area.

WILDLIFE This product is toxic to birds and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

CONTAINER & WASTE DISPOSAL Rinse equipment and dispose of wastes by burying in non-crop land away from water supplies. Dispose of empty container by burying with wastes or by burning (Keep out of smoke).

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

By using this product user 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 TUCO's control, it is impossible for TUCO to eliminate all risks associated with use of this product. As a result, crop injury or ineffectiveness is always possible.

WARRANTY AND DISCLAIMER OF WARRANTIES:
TUCO warrants that this material conforms to the chemical description on the label and is reasonably fit for use under the directions and conditions on this label. **TUCO AND SELLER MAKE NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS, MERCHANTABILITY OR OTHERWISE.**

LIMITATIONS OF LIABILITY:
The liability of TUCO or Seller for damages arising from the use of this product is limited to the replacement cost of the product used and shall not include any consequential damages such as loss of profits or other values.

NO CHANGES AUTHORIZED:
No-one (other than an authorized agent of TUCO) is authorized to make any other warranty, or change the above conditions, disclaimer or limitations and then only if in writing and with a specific reference to this label.

TUCO DIVISION OF THE UPJOHN COMPANY
KALAMAZOO, MICHIGAN 49001, U.S.A.

Actual Size

2/12

Directions For Use

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. 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 non-selective 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.

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—Tees, Greens, Fairways, Lawns and other fine Turf:

Insects	Rate		Remarks
	Area	Amount	
Cutworms	1,000 sq ft	1½ to 3¾ oz	Apply by means of any commercial power ground sprayer. Do not use Proxol 80 SP in hose proportioners.
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	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.
	40,000 sq ft	4 lb	
			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 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.
White grubs	1,000 sq ft	3¾ oz.	Mix specified amount of Proxol 80 SP in 25 to 30 gallons of water and apply uniformly to 1,000 sq ft of turf. Thoroughly irrigate turf immediately after application.

For Farm Crops: (See usage booklet)

FIELD CROPS	Oats	FRUIT	Cowpeas
Alfalfa	Safflower	Citrus	(Southern peas,
Barley	Sugar beets	(California only)	Blackeyed peas,
Clover	Tobacco	VEGETABLES	Crowder peas)
Corn	Wheat	Beans (dry and snap)	Lettuce
Cotton		Brussels sprouts	Lima beans
Flax	SEED FIELD CROPS	Cabbage	Peppers
Grasses	Alfalfa	Carrots	Pumpkin
(including	Clover	Cauliflower	Table beets
rangeland	Soybeans	Collards	Tomatoes
and pastures)			

For Ornamentals: (See usage booklet)

3/12

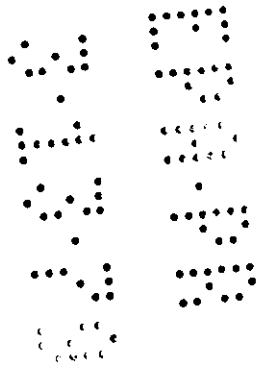
4/12

Complete directions for use

Proxol[®] 80 SP

Insecticide

TUCO



Proxol® 80 SP Insecticide

Active Ingredient

Dimethyl (2,2,2-trichloro-1-hydroxy-ethyl) phosphonate	80% w/w
Inert Ingredients	20% w/w
	100% w/w

WARNING: Keep out of reach of children.

May be fatal if swallowed. Harmful if inhaled, or absorbed through the skin. Do not get in eyes or on skin. Avoid breathing mist or dust. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse. Do not contaminate food or feed. Keep bag closed. Use with adequate ventilation.

FIRST AID: Exposure will result in cholinesterase depression. If swallowed, induce vomiting. In case of contact, remove contaminated clothing. Wash skin with soap and water; for eyes, flush with water for at least 15 minutes. Obtain prompt medical aid.

ANTIDOTE: Atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

PRECAUTION: 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. This product is toxic to bees and should not be applied when bees are actively visiting the area.

WILDLIFE: This product is toxic to birds and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

CONTAINER & WASTE DISPOSAL: Rinse equipment and dispose of wastes by burying in noncrop land away from water supplies. Dispose of empty container by burying with wastes or by burning. (Keep out of smoke.)

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

DIRECTIONS FOR USE

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.

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 non-selective insecticides. Accordingly, for most effective and most economical control, Proxol should not be used in conjunction with or alternated in, a spray schedule with pesti-

5/12

cides 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.

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.

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: DO NOT ALLOW PROXOL SPRAY TO DRIFT ONTO SORGHUM. TO DO SO MAY CAUSE BURNING OF THE SORGHUM OR MILO.**

RECOMMENDED APPLICATIONS

Crop	Insect	Ounces Proxol 80 SP	Remarks
FIELD CROPS			
Alfalfa	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.
Clover (including mixed stands with grasses)	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	Armyworms		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.
Flax	Beet webworm		
Oats	Variegated cutworm	10 to 20	
Wheat	Bertha armyworm		NOTE: Applications may be made without removal of grazing livestock.
	Diamondback moth	20	

5252
6/12

Crop	Insect	Ounces Proxol 80 SP	Remarks
FIELD CROPS (contd.)			
Corn	Amyworms	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 a band spray 10 to 12 inches wide, toward the soil, over the tops of the plants. Later applications may be made as full coverage spray up to day of harvest.
	Cutworms		
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. Proxol application may occasionally cause marginal leaf burn.
	Cotton leafworm	10 to 20	
	Darkling ground beetle		
	Western yellow-striped armyworm		
	Beet armyworm	20	NOTE: For control of light to moderate infestation of cotton fleahoppers, use 5 ounces of Proxol 80 SP per acre. Higher rates may be required if heavy infestations or migrations occur.
	Southern garden leafhopper		
	Black fleahopper complex		
	Cotton leaf perforator		
Leaf roller, Lygus bugs	20 to 30		
Stink bugs			
Salt-marsh caterpillar	30		

Crop	Insect	Ounces Proxol 80 SP	Remarks
FIELD CROPS (contd.)			
Grasses (including rangeland and 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.
	Armyworm	20	
	Fall armyworm		
	Plant bugs		
NOTE: Applications may be made without removal of grazing livestock.			
Safflower	Armyworms	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.
	Lygus bugs		
	Thrips		
	Variegated cutworm		
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	20	
	Dipterous leaf miners		
	Alfalfa webworm	20 to 30	
	Beet armyworm		
Salt-marsh caterpillar	30		

30370
7/12

8/12
 3 3 3 3

Crop	Insect	Ounces		Remarks
		Proxol 80 SP		
FIELD CROPS (cont.)				
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, Slink bugs Variegated cutworm	20 to 30		Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary up to 7 days before harvest. Do not apply to alfalfa and clover seed crop. May be used for forage purposes. Do not use on green crops for these purposes. Do not pasture or use treated soybeans for feed, food, forage, or oil purposes.
Soybeans	Armyworms Dipterous leaf miners Lygus bugs, Slink bugs Variegated cutworm			

Crop	Insect	Ounces		Remarks
		Proxol 80 SP		
FRUIT				
	Fruit tree leafroller Omnivorous leafroller	40		Apply specified dosage per acre in ground equipment, using 200 to 500 gallons of water for good coverage. Up to three applications may be made per season. Do not apply within 21 days of harvest.
Citrus (California only)	Avocado leafroller Orange Tortrix Citrus cutworm Citrus looper	80		
VEGETABLES				
Flourish (illy and snap)	Western bean cutworm Armyworms, Dipterous leaf miners, Lygus bugs Mexican bean beetle Slink bugs	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.
Lima beans	Variegated cutworm Western bean cutworm	20 to 30 10 to 20		
	Armyworms, Dipterous leaf miners, Lygus bugs Mexican bean beetle Slink 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. Up to five applications may be made per season. Do not apply within 3 days of harvest.

Crop	Insect	Ounces Proxol 80 SP	Remarks
VEGETABLES (contd.)			
Cowpeas (Southern peas, Black- eyed peas, Crowder peas)	Armyworms		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.
	Dipterous leaf miners		
	Imported cabbageworm		
	Lygus bugs, Mexican bean beetle, Stink bugs		
	Variegated cutworm	20 to 30	
Hornbeet, sprouts	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		
Cabbage Cauliflower	Variegated cutworm	10 to 20	
	Diamondback moth	20	

Crop	Insect	Ounces Proxol 80 SP	Remarks
VEGETABLES (contd.)			
Carrots	Western yellow-striped armyworm	10	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 28 days of harvest. Do not use tops for food or feed.
	Imported cabbageworm		
	Variegated cutworm	10 to 20	
	Diamondback moth		
	Dipterous leaf miners	20	
	Beet armyworm		
	Lygus bugs	20 to 30	
	Salt-marsh caterpillar	30	
Collards	Thrips		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.
Lettuce	Variegated cutworm	10 to 20	
	Armyworms		
	Beet Webworm		
	Diamondback moth		
	Dipterous leaf miners		
	Salt-marsh caterpillar	20	

2025
 9/12

Crop	Insect	Ounces Proxol 80 SP	Remarks
VEGETABLES (contd.)			
Peppers	Dipterous leaf miners Pepper maggot Serpentine leaf miners	20	Apply specified dosage per acre using sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 21 days of harvest.
Pumpkin	Variegated cutworm Squash bug	10 to 20 20	Apply specified dosage per acre in sufficient water for complete coverage but not less than 1 gallon per acre. Apply only once per season and not within 14 days of harvest.
Table beets	Variegated cutworm Alfalfa webworm Beet webworm Dipterous leaf miners Salt-marsh caterpillar Beet armyworm Lygus bugs	10 to 20 20 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 28 days of harvest. Do not eat tops.
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.

Crop	Insect	Ounces Proxol 80 SP	Remarks
ORNAMENTALS			
	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	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.
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.

10/12

RECOMMENDED APPLICATIONS - TEES, GREENS, FAIRWAYS, LAWNS AND OTHER FINE TURF

Insect	Rate		Remarks
	Area	Amount	
Cutworms	1,000 sq ft	1½ to 3¾ oz	Apply by means of any commercial power ground sprayer. Do not use Proxol 80 SP in hose proportioners.
Sod webworms (lawn moths)	5,000 sq ft	½ lb	
Armyworms	10,000 sq ft	1 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 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.
	20,000 sq ft	2 lb	
	30,000 sq ft	3 lb	
	40,000 sq ft	4 lb	
White grubs	1,000 sq ft	3¾ 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.

**RECOMMENDED APPLICATIONS
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 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 Ounces Proxol 80 SP	Pounds of Proxol 80 SP to Treat:		
	5 Acres	10 Acres	15 Acres
5	1½	3⅞	4⅞
7½	2⅞	4⅞	7
8	2½	5	7½
10	3⅞	6¼	9⅞
16	5	10	15
20	6¼	12½	18¼
30	9⅞	18¼	28⅞

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

IMPORTANT - READ BEFORE USE

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

5000
 11/12

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 TUCO's control, it is impossible for TUCO to eliminate all risks associated with use of this product. As a result, crop injury or ineffectiveness is always possible.

WARRANTY AND DISCLAIMER OF WARRANTIES:
TUCO warrants that this material conforms to the chemical description on the label and is reasonably fit for use under the directions and conditions on this label. TUCO AND SELLER MAKE NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS, MERCHANTABILITY OR OTHERWISE.

LIMITATIONS OF LIABILITY:

The liability of TUCO or Seller for damages arising from the use of this product is limited to the replacement cost of the product used and shall not include any consequential damages such as loss of profits or other values.

NO CHANGES AUTHORIZED:

No one (other than an authorized agent of TUCO) is authorized to make any other warranty, or change the above conditions, disclaimer or limitations and then only if in writing and with a specific reference to this label.

EPA Reg No. 1023-51-AA

Packed for

TUCO • Division of The Upjohn Company • Kalamazoo, Michigan 49001, U.S.A.

NFX-3 "

12/12