

DANEX 80% S.P.

DANEX  
80% SOLUBLE POWDER

SELECTIVE INSECTICIDE FOR USE ON CROPS

ACTIVE INGREDIENT:

Dimethyl (2,2,2-Trichloro-1-Hydroxyethyl)  
Phosphonate\*

INERT INGREDIENTS:

TOTAL

80%  
20%  
100%

\*Trichlorfon

EPA REG. NO. 11678-11

NET WEIGHT 50 LBS.

**WARNING: KEEP OUT OF THE REACH OF CHILDREN.**

MAY BE POISONOUS IF SWALLOWED. HARMFUL IF INHALED OR ABSORBED THROUGH THE SKIN. DO NOT GET IN EYES OR ON SKIN. DO NOT INHALE SPRAY MIST. USE WITH PROTECTIVE CLOTHING AND A FACE MASK. AFTER HANDLING, WASH WITH PLENTY OF SOAP AND WATER. WASH CONTAMINATED CLOTHING WITH SOAP AND HOT WATER BEFORE REUSING.

IF POISONING OCCURS, GET MEDICAL ATTENTION IMMEDIATELY. PROLONGED EXPOSURE WILL RESULT IN CHOLINESTERASE DEPRESSION.

KEEP AWAY FROM DOMESTIC ANIMALS AND FOODSTUFFS.

THIS PRODUCT IS TOXIC TO FISH, BIRDS AND OTHER WILDLIFE. KEEP OUT OF LAKES, STREAMS OR PONDS. DO NOT APPLY WHERE RUNOFF IS LIKELY TO OCCUR. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT FROM AREAS

Recommended Applications

CROP	INSECT	OUNCES OF TRINEX 80% SP PER ACRE	REMARKS
FIELD CROPS  <del>Alfalfa</del> Clover	Alfalfa caterpillar	7 1/2 to 10	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Make only 1 application per cutting. Allow 4 days between treatment and cutting or grazing for rates up to 10 ounces per acre and a 7 day interval for rates above 10 ounces per acre.
	Alfalfa webworm	5 to 20	
	Western yellow-striped armyworm	10	
	Beet armyworm	10 to 20	
	Variiegated cutworm		
	Lygus bugs	20	
	Stink bugs		
Barley Flax Oats Wheat	Armyworms	10 to 20	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Repeat as necessary but not within 21 days of harvest. Do not forage or feed the treated crops within 3 days of treatment.
	Beet webworm		
	Variiegated cutworm	20	
Corn	Bertha armyworm	20	Apply specified dosage per acre in sufficient water for complete coverage. Make one application per season when plants are 3 to 12 inches high and direct the spray to the lower portions of plants and to the soil around the base of the plants. Do not use corn for food, feed, or ensilage within 28 days of treatment.
	Diamondback moth		
Cotton	Armyworms	10 to 20	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Do not pasture treated fields within 14 days of application. Do not apply within 7 days of picking.
	Cutworms		
	Cotton flea-hopper	5 to 20	
	Cotton leaf-worm	10 to 20	
	Darkling ground beetle	20	

Recommended Applications

CROP	INSECT	OUNCES OF TRINEX 80% SP PER ACRE	REMARKS
SEED FIELD CROPS Alfalfa seed Clover seed	Green June beetle larvae	10	Apply specified dose in 100 gallons of water per 100 square yards up rooted areas of plant beds.
	Armyworms	20 to 30	
Lygus bugs			
Stink bugs			
Variiegated cutworm			
Armyworms			
Soybeans seed	Dipterous leaf miners	Apply specified dose per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Chaff from alfalfa and clover seed crop may be used for feed or forage however do not cut crop for these purposes. Do not pasture or use treated soybeans for feed, food, forage or purposes.	
	Lygus bugs		
	Stink bugs		
VEGETABLES	Western bean cutworm	10 to 20	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Repeat as necessary. Do not apply within 14 days of harvest.
	Armyworms	20 to 30	
	Dipterous leaf miners		
	Lygus bugs		
Beans (Dry & Snap) Dry Beans Snap Beans	Mexican bean beetle		Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Do not apply more than twice per season per within 14 days of harvest.
	Stink bugs		
	Variiegated cutworm		
Lima Beans	Western bean cutworm	10 to 20	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Do not apply more than twice per season per within 14 days of harvest.
	Armyworms	20 to 30	
	Dipterous leaf miners		
	Lygus bugs		
	Mexican bean beetle		
Cowpeas (Southern Peas, Black-eyed Peas, Crowder Peas)	Stink bugs		Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Do not apply more than twice per season per within 14 days of harvest.
	Variiegated cutworm		
	Armyworms		
	Dipterous leaf miners		
	Imported cab-bagworm		
Cotton	Lygus bugs	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Do not apply more than twice per season per within 14 days of harvest.	
	Mexican bean beetle		
	Stink bugs		
	Variiegated cutworm		

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NOTE TO PHYSICIAN: ATROPINE SULFATE IS ANTIDOTAL. 2-PAM IS ALSO ANTIDOTAL AND MAY BE USED IN CONJUNCTION WITH ATROPINE.

DO NOT REUSE EMPTY CONTAINER. DESTROY EMPTY CONTAINER BY PERFORATING OR CRUSHING AND BURYING IN A SAFE PLACE.

**DIRECTIONS FOR USE:**

KEEP CHILDREN AND PETS OFF TREATED AREAS UNTIL SPRAY DEPOSIT HAS DRIED

Danex 80% SOLUBLE POWDER IS A SELECTIVE INSECTICIDE THAT DISSOLVES READILY IN WATER AND IS SUITABLE FOR USE WITH ALL POWER-OPERATED GROUND SPRAYERS AND AIRCRAFT SPRAYERS. TO MIX, JUST POUR Danex 80% SOLUBLE POWDER IN THE PROPER AMOUNT OF WATER AND AGITATE. USE IMMEDIATELY AFTER MIXING. WE SUGGEST YOU USE WITH SPRAYERS EQUIPPED WITH 50 MESH SCREENS. IF 100 MESH SCREENS ARE USED, SOME CLOGGING MAY OCCUR. ONLY USE Danex 80% SOLUBLE POWDER ON THE CROPS LISTED. WHEN SPRAYING, WORK TO WINDWARD AND PROTECT SPRAYER OPERATORS AND NEARBY CROPS FROM DRIFT OR MIST. DO NOT TREAT FOOD CROPS GROWN IN GREENHOUSES.

IF YOU APPLY Danex 80% SOLUBLE POWDER WITH AIRCRAFT SPRAY EQUIPMENT, APPLY NECESSARY DOSAGE WITH A MINIMUM OF 3 TO 10 GALLONS OF

Cotton	Western yellow-striped armyworm Beet armyworm Southern garden Hopper complex Cotton leaf Lycus bug Stink bug Caterpillar	20 20 to 30 30	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Do not pasture treated fields within 14 days of application. Do not apply within 7 days of picking. DANEX 80% SOLUBLE POWDER applications may occasionally cause marginal leaf burn. NOTE: For control of light to moderate infestation of cotton fleahoppers, use 5 ounces of DANEX 80% SP per acre. Higher rates may be required if heavy infestations or migrations occur.	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Do not apply more than twice per season nor within 14 days of harvest.
	Armyworms Lycus bug Thrips Variegated cutworm	20 to 30		
	Beet webworm Variegated cutworm Dipterous leaf miner Beet armyworm Salt-marsh caterpillar	10 to 20 20 20 to 30 30		
Sugar Beets	Budworm Hornworm	20	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. For budworm control make application directly into bud. Repeat as necessary. Do not treat within 3 days of harvest.	
Cabbage Cauliflower	Western yellow-striped armyworm Imported cabbageworm Variegated cutworm Diamondback moth	10 10 to 20 20	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Repeat as necessary. Do not apply within 21 days of harvest.	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Do not apply more than twice per season nor within 14 days of harvest.
	Western yellow-striped armyworm Imported cabbageworm Variegated cutworm Diamondback moth Dipterous leaf miner Beet armyworm Lycus bug Salt-marsh caterpillar	10 to 20 20 to 30 30		
Carrots	Western yellow-striped armyworm Imported cabbageworm Variegated cutworm Diamondback moth Dipterous leaf miner Beet armyworm Lycus bug Salt-marsh caterpillar	10 10 to 20 20 to 30 30	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Repeat as necessary. Do not apply within 28 days of harvest. Do not use for food or feed.	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Repeat as necessary until heads begin to form. Do not apply within 28 days of harvest.
	Thrips Variegated cutworm Armyworms Beet webworm Diamondback moth Dipterous leaf miner Salt-marsh caterpillar	10 to 20 20		
Collards Lettuce	Thrips Variegated cutworm Armyworms Beet webworm Diamondback moth Dipterous leaf miner Salt-marsh caterpillar	10 to 20 20	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Repeat as necessary. Do not apply within 21 days of harvest.	
Peppers	Dipterous leaf miner Pepper maggot Serpentine leaf miners	20	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Repeat as necessary. Do not apply within 21 days of harvest.	

WATER PER ACRE. DANEX 80% SOLUBLE POWDER IS COMPATIBLE WITH MOST CHLORINATED AND PHOSPHATE INSECTICIDES BUT IT IS NOT COMPATIBLE WITH SUMMER OILS AND DORMANT OILS AND ALKALINE MATERIALS SUCH AS LIME AND LIME SULFUR.

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Recommended Applications

CROP	INSECT	OUNCES OF TRINOX 80% SP PER ACRE	REMARKS
FIELD CROPS Alfalfa Clover	Alfalfa caterpillar	7 1/2 to 10	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Make only 1 application per cutting. Allow 4 days between treatment and cutting or grazing for rates up to 10 ounces per acre and a 7 day interval for rates above 10 ounces per acre.
	Alfalfa webworm	5 to 20	
	Western yellow-striped armyworm	10	
	Beet armyworm	10 to 20	
	Variiegated cutworm	10 to 20	
Barley Oats Wheat	Lygus bugs Stink bugs Tarnished plant bug	20	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Repeat as necessary but not within 21 days of harvest. Do not forage or feed the treated crops within 3 days of treatment.
	Armyworms Beet webworm	10 to 20	
	Variiegated cutworm	20	
	Bertha armyworm Diamondback moth	20	
Corn	Armyworms Cutworms	10 to 20	Apply specified dosage per acre in sufficient water for complete coverage. Make one application per season when plants are 3 to 12 inches high and direct the spray to the lower portions of plants and to the soil around the base of the plants. Do not use corn for food, feed, or ensilage within 28 days of treatment.
	Cotton fleahopper Cotton leafworm Darkling ground beetle Western yellow-striped armyworm Beet armyworm Southern garden	5 to 20 10 to 20 20	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Do not pasture treated fields within 14 days of application. Do not apply within 14 days of

Recommended Applications

CROP	INSECT	OUNCES OF TRINOX 80% SP PER ACRE	REMARKS
FIELD CROPS Alfalfa seed Clover seed	Green June beetle larvae	10	Apply specified dosage in 100 gallons of water per 100 square yards to up rooted areas of plant beds.
	Armyworms Lygus bugs Stink bug Variiegated cutworm Armyworms Dipterous leaf miners Lygus bugs Stink bug Variiegated cutworm	20 to 30	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 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.
VEGETABLES Beans (Dry & Snap) Peas Soy Beans	Western bean cutworm Armyworms Dipterous leaf miners Lygus bugs Mexican bean beetle Stink bug Variiegated cutworm	10 to 20 20 to 30	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Do not apply more than twice per season nor within 14 days of harvest.
	Western bean cutworm Armyworms Dipterous leaf miners Lygus bugs Mexican bean beetle Stink bug Variiegated cutworm	10 to 20 20 to 30	
Lima Beans Cucumbers (Western Peas, Black-eyed Peas, Cranberry Peas)	Western bean cutworm Armyworms Dipterous leaf miners Lygus bugs Mexican bean beetle Stink bug Variiegated cutworm	10 to 20 20 to 30	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Do not apply more than twice per season nor within 14 days of
	Armyworms Dipterous leaf miners Imported cab-bagworm Lygus bugs Mexican bean beetle	20 to 30	

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CROP	INSECT	OUNCES OF TRINOX 80% SP PER ACRE	REMARKS
Pumpkin	Variiegated cutworm	10 to 20	Apply specified dosage per acre in sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Apply only once per season and not within 14 days of harvest.
Table Beets	Variiegated cutworm Alfalfa webworm Dipterous leaf miners Salt-marsh caterpillar	10 to 20 20	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Repeat as necessary. Do not apply within 28 days of harvest. Do not eat tops.
	Beet armyworm Lygus bugs	20 to 30	
Tomatoes	Serpentine leaf miners Tomato hornworms Dipterous leaf miners	20	Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Repeat as necessary. Do not apply within 21 days of harvest.
ORNAMEN-TALS Flowers: Shrubs & Trees	Nantucket pine tip moth Zimmerman pine moth Armyworms Bagworms Climbing cutworms Dipterous leaf miners Lygus bugs Stink bug Tarnished plant bug Tobacco budworm Webworms	20 20 to 30	Mix specified dosage in 100 gallons of water and spray plants until they are thoroughly wet. Repeat as necessary. CAUTION. Phytotoxicity has occurred on certain varieties of carnations and zinnias. When large plantings of these flowers are to be sprayed for the first time, treat only a few plants and observe for 4 to 5 days before spraying the entire planting.
	Narcissus	Narcissus bulb fly	

	<p>Western yellow-striped armyworm          Southern garden          hopper complex          Cotton leaf          caterpillar          Lygus bug          Stink bug          caterpillar</p>	20	<p>per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Do not pasture treated fields within 14 days of application. Do not apply within 7 days of picking.</p> <p><b>DANEX 80% SOLUBLE POWDER</b> applications may occasionally cause marginal leaf burn.</p> <p><b>NOTE:</b> For control of light to moderate infestation of cotton fleahoppers, use 5 ounces of <b>DANEX 80%</b> SP per acre. Higher rates may be required if heavy infestations or migrations occur.</p>
	<p>Armyworms          Lygus bug          Thrips          Variegated cutworm</p>	20 to 30	<p>Apply specified dosage per acre in each of two applications using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Do not apply more than twice per year. Make first application approximately 2 weeks prior to bloom. Second application at onset of bloom. Do not apply after flowering stage.</p>
per Beets	<p>Beet webworm          Variegated cutworm          Diptera          leaf miners          Beet armyworm          Salt-marsh caterpillar</p>	10 to 20 20 20 to 30 30	<p>Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Repeat as necessary. Do not apply within 14 days of harvest.</p>
Beets	<p>Budworm          Hornworm</p>	20	<p>Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. For budworm control make application directly into bud. Repeat as necessary. Do not treat within 3 days of harvest.</p>

<p>Brussels Sprouts          Cabbage          Cauliflower          Carrots</p>	<p>Diptera leaf miners          Imported cabbageworm          Lygus bug          Mexican bean beetle          Stink bug          Variegated cutworm          Western yellow-striped armyworm          Imported cutworm          Variegated cutworm          Diamondback moth          Western yellow-striped armyworm          Imported cabbageworm          Variegated cutworm          Diamondback moth          Diptera leaf miners          Beet armyworm          Lygus bug          Salt-marsh caterpillar</p>	20 to 30 10 10 to 20 20 10 10 to 20 20 20 to 30 30	<p>per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Do not apply more than twice per season nor within 14 days of harvest.</p> <p>Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Repeat as necessary. Do not apply within 21 days of harvest.</p> <p>Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Repeat as necessary. Do not apply within 28 days of harvest. Do not use for food or feed.</p>
<p>Cabbage          Lettuce</p>	<p>Thrips          Variegated cutworm          Armyworms          Beet webworm          Diamondback moth          Diptera leaf miners          Salt-marsh caterpillar</p>	10 to 20 20	<p>Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Repeat as necessary until heads begin to form. Do not apply within 28 days of harvest.</p>
Peppers	<p>Diptera leaf miners          Pepper maggot          Serpentine leaf miners</p>	20	<p>Apply specified dosage per acre using sufficient water for complete coverage. Use a minimum of 1 gallon per acre. Repeat as necessary. Do not apply within 21 days of harvest.</p>

			<p>in the gallons of water as a drench per 1000 ft. of row. Direct stream to base of plants at beginning of adult fly activity (early May to June). Repeat treatments annually</p>
<p>Lawns &amp; Turf</p>	<p>Soil Webworms (Lawn moths)</p>	2 1/4 to 3 1/4	<p>Mix specified dosage (approximately 1/3 to 1/2 cup) of <b>DANEX 80% Soluble Powder</b> in 15 to 30 gallons of water and apply uniformly to 1000 sq. ft. of lawn or turf area by means of a watering can, compressed air sprayer, or any commercial power sprayer. For best results, mow the lawn and rake dead grass from damaged spots. Water the lawn and allow grass to dry before spraying. Do not water again until necessary. Three applications at monthly intervals may be required for maximum control. In most areas, the first of these applications should be made in May or June. Consult your State Agricultural Experiment Station or State Extension Service Spec. Lists, for more specific information regarding timing of applications. Do not use <b>DANEX 80% SOLUBLE POWDER</b> in hose proportioner sprayers.</p>

ACCEPTED

NOV 10 1972

UNDER THE FEDERAL INSECTICIDE  
 FUNGICIDE AND RODENTICIDE ACT  
 FOR ECONOMIC POISON REGISTERED  
 UNDER NO. .... SUBJECT  
 TO ATTACHED COMMENT.

11678-11

Manufactured by:

**MAKHTESHIM BEER SHEVA  
 CHEMICAL WORKS LTD.**

P.O. Box 50  
 Beer Sheva, Israel

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