

NET WEIGHT

POUNDS

# DANEX 80

SOLUBLE POWDER CROP INSECTICIDE

[148-1165]

lot 2

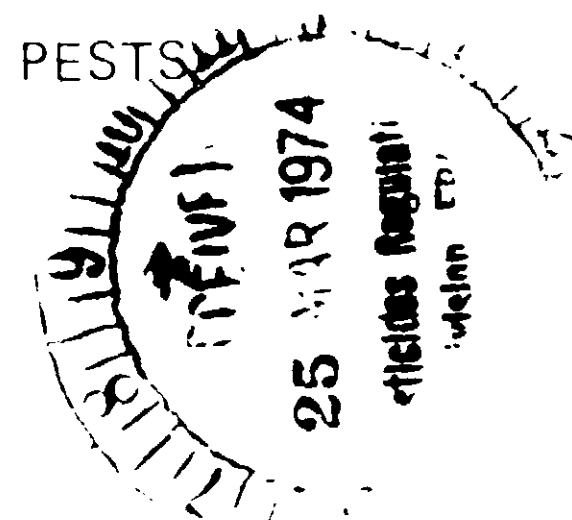
A SELECTIVE INSECTICIDE FOR EFFECTIVE CONTROL OF INSECT PESTS  
ON A VARIETY OF FIELD AND VEGETABLE CROPS

**ACTIVE INGREDIENT:**

Dimethyl (2,2,2-trichloro-1-hydroxyethyl) phosphonate 80%

**INERT INGREDIENTS** ..... 20%

100%



DANEX selective insecticide effectively controls a wide variety of insect pests without appreciably reducing beneficial insect populations when applied at recommended minimum rates. As a result, DANEX 80 supplements natural control factors instead of destroying them. Insect parasites, predators and pollinators continue to perform their good work. DANEX 80 dissolves in water and is recom-

mended for use, in all conventional power-operated ground sprayers and aircraft spray equipment.

The unique selective advantage of DANEX 80 is lost when the chemical is used in conjunction with or alternated with pesticides which are non selective.

APR. 5, 1974

**WARNING Keep Out of Reach of Children**  
SEE SIDE PANEL FOR ADDITIONAL CAUTIONS.

### DIRECTIONS FOR USE

DANEX 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 DANEX 80 supplements the natural control factors, instead of destroying them. This advantage is lost when DANEX is used in conjunction with parathion or other non selective insecticides. Accordingly, for most effective and most economical control, DANEX should not be used in conjunction with or alternated in a spray schedule with pesticides which destroy parasites, predators and other beneficial insects. This applies to alfalfa and cotton in particular. While DANEX is not recommended for the control of aphids, mealybugs and cabbage looper, some suppression of these pests may result from recommended dosages.

**MIXING:** DANEX 80 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 DANEX 80 into full amount of water and then agitate. Use immediately after mixing. It is recommended that DANEX 80 be used in spray equipment with 50 mesh screens. If 100 mesh screens are used, some clogging may occur.

**DOSAGE:** Use specified dosage of DANEX 80 in the amount of water necessary to give complete coverage of foliage. The type of equipment used will determine the concentration required.

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**DOSAGE:** Use specified dosage of DANEX 80 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 use information in your area.

**RESTRICTIONS:** DO NOT ALLOW 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.**

**PROTECT WILDLIFE!** This product is toxic to birds and other wildlife and must be applied in strict accordance with label directions. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. In cleaning of equipment or disposal of wastes, do not contaminate water. Keep out of lakes, streams, or ponds. Apply this product only as specified on this label.

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

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.

**CONTAINER AND WASTE DISPOSAL:** Rinse equipment and containers 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).

**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.

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.

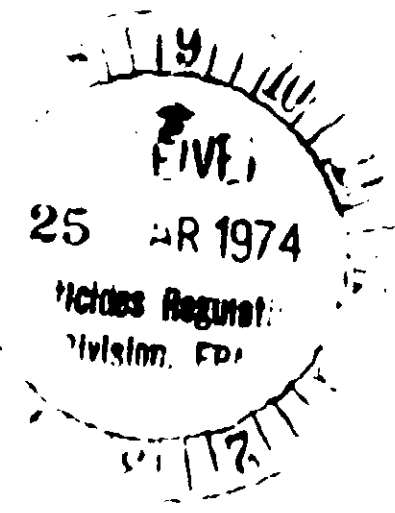
#### NOTICE

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.



Crop	Pest	Rate (Ounces/Acre)	Application Notes	Crop	Pest	Rate (Ounces/Acre)	Application Notes								
Cotton	Black flycatcher	20 to 30	NOTE: For control of light to moderate infestation of cotton fleahoppers, use 5 ounces of DANEX 80 per acre. Higher rates may be required if heavy infestations or migrations occur.	Peppers	Pepper maggot	20	Do not apply within 21 days of harvest.								
	Cotton leaf perforator	20 to 30			Serpentine leaf miners	20	Apply specified dosage per acre in sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 21 days of harvest.								
	Leaf roller	20 to 30			Variegated cutworm	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.							
	Lygus bugs	20 to 30			Squash bug	20									
Soybeans	Stink bugs	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 budburst and second application at onset of bloom.	Lettuce	Variegated cutworm	10 to 20	Apply specified dosage per acre in sufficient water for complete coverage but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 14 days of harvest.								
	Salt marsh caterpillar	30			Armyworms	20 to 30	20 to 30	Apply specified dosage per acre in 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.							
	Armyworms	20 to 30			20 to 30	20 to 30	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 14 days of harvest.							
	20 to 30	20 to 30			20 to 30	20 to 30	20 to 30	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.							
Tobacco	Beet webworm	10 to 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.	Flowers, Shrubs, and Trees	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.								
	20 to 30	20			20	20	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.							
	20 to 30	20 to 30			20 to 30	20 to 30	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 14 days of harvest.							
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Tobacco	Budworm	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.	ORNAMENTALS	Nant, leaf miner	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.								
	Hornworm	20			20	20	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.							
Tobacco	Green June beetle larvae	10	Apply specified dosage in 100 gallons of water per 100 square yards to uprooted areas of plant beds.	Narcissus	Tip moth	20	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 Stink bugs Variegated cutworm	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.		20 to 30	Armyworms Blowflies Bugs Dipterous leaf miners Lygus bugs Stink bugs Tarnish plant bug Tobacco budworm	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, do not cut green crop for these purposes. Do not pasture or use treated soybeans for feed, food, forage or oil purposes.							
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													VEGETABLES	Zucchini Cucumbers Dipterous leaf miners Lygus bugs Mexican bean beetle Stink bug Variegated cutworm	10 to 20
				Beans Lima & Snap											
Lima Beans	Dipterous leaf miners 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. Repeat as necessary. Do not apply within 14 days of harvest.												
					Lettuce	Leaf miner Squash bug 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.							

RATE ACRE IN OUNCES OF DANEX 80	POUNDS OF DANEX 80 TO TREAT		
	5 ACRES	10 ACRES	15 ACRES
1.1	1.1	1.1	1.1
2.2	2.2	2.2	2.2
3.3	3.3	3.3	3.3
4.4	4.4	4.4	4.4
5.5	5.5	5.5	5.5
6.6	6.6	6.6	6.6
7.7	7.7	7.7	7.7
8.8	8.8	8.8	8.8
9.9	9.9	9.9	9.9
11.0	11.0	11.0	11.0
12.1	12.1	12.1	12.1
13.2	13.2	13.2	13.2
14.3	14.3	14.3	14.3
15.4	15.4	15.4	15.4
16.5	16.5	16.5	16.5
17.6	17.6	17.6	17.6
18.7	18.7	18.7	18.7
19.8	19.8	19.8	19.8
20.9	20.9	20.9	20.9



For information on the use of DANEX 80, contact the manufacturer, Chemagro Corp., P.O. Box 100, Danvers, N.J. 07619.