

PM 14

19713-400

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160/18



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (R7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
19713-400

Date of Issuance:  
FEB 04 1997

NOTICE OF PESTICIDE:  
  x   Registration  
       Reregistration

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Drexel Acephate 75 WSP

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Drexel Chemical Company  
P.O. Box 13327  
1700 Channel Avenue  
Memphis, TN 38113-0327

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c) (7) (A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c) (5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes before you release the product for shipment:

- a. Add the phrase, "EPA Registration No. 19713-400."
- b. Your net contents statement must include the net contents of a single packet.
- c. In the "Non-Agricultural Use Requirements", delete the reference to "golf courses". Your submitted labeling does not bear directions for use on golf courses.

Signature of Approving Official:

Date:

FEB 04 1997

d. Under the "Further use instructions" column of the box entitled "Cotton in-furrow application", delete "active" from the wording, "\_\_\_ active Acephate 75 WSP \_\_\_" wherever it appears in this column.

e. In the same column cited in item d. above, add the missing wording between "\_\_\_ in the seed furrow," and "\_\_\_ and should be avoided \_\_\_". Refer to the attached copy of the pertinent page of the registered product you have cited to support the subject product.

f. In the amount column of the box entitled, "Non-bearing citrus" use directions, correct the "2/3 to 1-1/3 lb. (10.5 to 21.25 oz.)" to read, "2/3 to 1 lb. (10.5 to 16 oz.)."

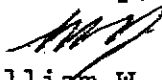
g. Under "Further use directions" in the box entitled, "Pasture, rangeland, and wasteland" correct the statement, "Do not graze or feed grass hay to dairy animals." to read, "Do not graze or feed grass or grass hay to dairy animals."

3. Submit two copies of the revised final printed label before you release the product for shipment.

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

A stamped copy of the label is enclosed for your records.

Sincerely,



William W. Jacobs, Ph. D.  
Acting, Product Manager Team 14  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

3/11

Drexel

**Acephate 75 WSP  
Insecticide in a Water Soluble Bag**

<b>ACTIVE INGREDIENT:</b>	
*Acephate (O,S-Dimethyl acetylphosphoramidothioate).....	75%
<b>INERT INGREDIENTS:</b> .....	25%
<b>TOTAL</b> .....	100%

ACCEPTED  
W/ COMMENTS  
In EPA Letter Dated

FEB 04 1997

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, the pesticide  
registered under EPA Reg. No.  
19713-400

KEEP OUT OF REACH OF CHILDREN

CAUTION

**STATEMENT OF PRACTICAL TREATMENT**  
 Acephate is an organophosphate, cholinesterase inhibitor.  
**IF SWALLOWED:** Drink 1 or 2 glasses of water (or milk) and induce vomiting by touching the back of the throat with finger. If possible contact a physician, Poison Control Center, or emergency center before inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. Take person and product container to nearest emergency treatment center.  
**IF IN EYES:** Wash eyes with fresh water for 15 minutes. If irritation continues, see a doctor.  
**IF ON SKIN:** Wash skin with plenty of soap and water.  
**IF INHALED:** Remove person from exposure area.

EPA Reg. No. 19713-  
EPA Est. No. 19713- *UNN*

NET CONTENTS:

Manufactured by:  
Drexel Chemical Company  
P.O. Box 13327  
Memphis, Tn 38113-0327

96 MAY 24 P 3:03

REC'D EPA/OP/DPD2

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION:** Harmful if swallowed. Causes eye irritation. Avoid contact with eyes, skin and clothing. Avoid breathing dust or spray mist. Wash hands thoroughly after handling. Do not allow children or pets to come in contact with treated areas until sprays have dried.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear:

Long-sleeved shirt and long pants, Shoes plus socks, and Chemical-Resistant headgear for overhead exposure

Mixers and Loaders must wear:

Long-sleeved shirt and long pants, Waterproof gloves, Shoes plus socks, and Chemical-Resistant headgear.

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.

**USER SAFETY RECOMMENDATIONS**

**Users should:** 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 pesticide is toxic to birds. Applications may adversely affect birds in rangeland treatment areas. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Cover or soil-incorporate spills.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**DIRECTIONS FOR USE**

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

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

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 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 (PPE), 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 and chemical-resistant headgear for overhead exposure.

**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 its product is used to produce agricultural plants on farm, forests or greenhouses. For other areas, including golf courses and other non-agricultural areas, do not enter treated areas without protective clothing until sprays have dried.

**DIRECTIONS**

This package contains five water soluble packets of ACEPHATE 75 WSP. Do not handle the packets with wet gloves or allow the packets to become wet prior to addition to spray tank. If all packets are not used, close and reseal outer container to protect remaining packet(s). To prepare spray solution, drop the unopened packet of ACEPHATE 75 WSP into a spray tank containing at least one-half the total quantity of water required. Continue to add water with the agitator running until the spray volume is reached. Depending on the water temperature and degree of agitation in the tank the packet(s) should completely dissolve in approximately 5 minutes.

Apply to cranberries only by sprinkler irrigation systems. Do not apply by chemigation to any other crop, or this crop using any other type of irrigation system.

**Table of Equivalent**

<u>Amount of ACEPHATE 75 WSP</u>	<u>1-1/3 lbs.</u>	<u>1 lb.</u>	<u>2/3 lb.</u>	<u>4 oz.</u>	<u>2 oz.</u>
<u>Amount Active Contained</u>	<u>1 lb.</u>	<u>3/4 lb.</u>	<u>1/2 lb.</u>	<u>1/5 lb.</u>	<u>1/10 lb.</u>

6/11

COTTON

CROP	INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	FURTHER USE INSTRUCTIONS	DAYS TO HARVEST
Cotton	Thrips	3 oz. to 4 oz.	Apply in water at 3 to 10 gals. spray per acre by air (minimum 5 gals./acre in CA) or 10 to 25 gals. spray per acre by ground.	21
	Plantbugs (Lygus)	1/3 to 1-1/3 lbs. (5.25 to 21.25 oz.) 1 to 1-1/3 lbs. (16 to 21.25 oz.) (CA, AZ)	Apply when eggs or insects first appear. Repeat as necessary to maintain control.	
	Fleahopper	1/3 lb. (5 25 oz.)	Do not feed gin trash to livestock or allow animals to graze on treated areas.	
	Cotton Aphid* (excluding CA, AZ)	2/3 to 1-1/3 lbs. (10.5 to 21.25 oz.)	Lygus - Use higher rate for Lygus adults that have migrated into cotton.	
	Whitefly		*Cotton Aphid - This insect has shown the ability to develop resistance to various classes of insecticides in various locations at various times during the production season. Consult your local Agricutural Extension Service for the current recommended control practices for this insect.	
	Sweet Potato Whitefly (Silverleaf Whitefly)	2/3 lb. (10.5 oz.) = *DANITOL® 10-2/3 to 16 fl. oz.)	*Comply with all applicable directions, restrictions and precautions on the EPA registered label for DANITOL®.	
	Amyworms (excluding Beet Amyworm)	1-1/3 lbs. (21.25 oz.)	Boltworm and Tobacco Budworm - Early season light infestation use 2/3 lb per acre. Mid and late season moderate to severe infestations use 1 to 1-1/3 lbs. per acre. Apply when eggs appear and repeat at 3 to 7 day spray interval.	
	Cabbage Looper		Adults/Larvae - Moths are controlled when they come in direct contact with spray pesticides during application. Moth kill is most likely to occur when application is made late in the evenings during periods of peak activity.	
	Boltworm Tobacco Budworm Adults Larvae	2/3 to 1-1/3 lbs. (10.5 to 21.25 oz.) (East of Rockies) 1-1/3 lbs. (CA, AZ) (21.25 oz.)	Eggs: When spray pesticides come in direct contact with eggs, hatching larvae may be controlled as they consume and emerge from their egg casing.	
	Eggs/ DEADHATCH		*Cutworms - Control measures are most effective when ground applications are made in the evenings and the spray is directed toward the lower portion and base of the plant. Apply in water at 10 to 25 gals. spray per acre by ground. Aerial applications are not as effective in controlling cutworms. However, should aerial application by necessary, apply in water at 3 to 10 gals. spray per acre (minimum 5 gals. per acre in CA). Apply when insects first appear or damage is first noted and repeat to maintain control.	
Stinkbugs	1 lb. (16 oz.)			
Cutworms*				
Pink Bollworm (CA, AZ)	1-1/3 lbs. (21.25 oz.)	Pink Bollworm - Apply when insects appear and repeat at a 5 to 7 day spray interval.		

COTTON TANK MIXES

CROP	INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	FURTHER USE INSTRUCTIONS	DAYS TO HARVEST
Cotton	Amyworms (excluding Beet Amyworm) Boltworm Cabbage Looper Cotton Aphid Cutworms* Fleahopper Grasshoppers Pink Bollworm Plant Bugs (Lygus, Minds) Salt Marsh Caterpillar Thrips Tobacco Budworm Whitefly (Excluding Sweet Potato Whitefly)	1/3 to 1-1/3 lbs. (5.25 to 21.25)  +  1 to 2 pts.	Do not feed gin trash or treated forage to livestock. Do not allow livestock to graze on treated areas.  *Cutworms - Use ACEPHATE at 1 lb per acre. Control measures are most effective when ground applications are made in the evenings and the spray is directed toward the lower portion and base of the plant. Apply in water at 10 to 25 gals. spray per acre by ground. Aerial applications are not as effective in controlling cutworms. However, should aerial application be necessary, apply in water at 3 to 10 gals. spray per acre (minimum 5 gals per acre in CA). Apply when insects first appear or damage is first noted and repeat to maintain control.	21

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**COTTON TANK MIXES (Continued)**

**COTTON IN-FURROW APPLICATION**

CROP	INSECTS	AMOUNT ACEPHATE 75 WSP (LB.) + **SYNTHETIC PYRETHROID (fl. oz.) PER ACRE	PYRETHROID MAXIMUM LBS. ACTIVE PER ACRE	FURTHER USE INSTRUCTIONS	DAYS TO HARVEST FOR EACH COMBINATION
Cotton	Bollworm Tobacco Budworm Cabbage Lcoper Plant Bugs Thrips Fleahoppers Pink Bollworm (CA, AZ) Aphids Whitefly Cotton Leaf Perforator Fall Armyworm Cutworms Stinkbugs Sweet Potato Whitefly	ACEPHATE 75 WSP 1-1/3 lb. to 2 acres up to 1-1/3 lb. to 1 acre PYDRIN® 2.4 EC, 5.3 to 10.67 OR ASANA® 1.9 EC, 1.4 to 3.4* OR ASANA® XL, 3.9 to 9.6* OR CAPTURE® 2 EC, 1.3 to 6.4 OR BAYTHROID® 2 EC, 1.6 to 3.2 OR KARATE® 1 E, 3.2 to 5.12 (Except CA) OR AMBUSH® 2 EC, 6.4 to 12.8 OR POUNCE® 3.2 EC, 2 to 8* OR AMMO® 2.5 EC, 2 to 5* OR CYMBUSH® 3 EC, 1.7 to 2.56* OR SCOUT® 0.3 EC, 6.4 to 8 (Except CA) OR SCOUT® X-TRA, 2.13 to 3.33 (Except CA)	2.0 0.5 0.5 0.89 0.2 3.0 3.0 1.0 1.0 0.19 0.19	Begin applications when eggs or insects appear and apply as needed to maintain control. Apply in 3 to 5 gals. of water with aerial equipment or in 10 to 25 gals. of water with ground equipment. Do not feed gin trash to livestock or allow animals to graze on treated areas. Stinkbugs and Cutworms: Use ACEPHATE 75 WSP at 1 lb. to 1 acre. *Cutworms - Control measures are most effective when ground applications are made in the evenings and the spray is directed toward the lower portion and base of the plant. Apply in water at 10 to 25 gals. spray per acre by ground. Aerial applications are not as effective in controlling cutworms. However, should aerial application be necessary, apply in water at 3 to 10 gals. spray per acre (minimum 5 gals. per acre in CA). Apply when insects first appear or damage is first noted and repeat to maintain control. All applicable directions, restrictions and precautions on the EPA registered labels are to be followed.	21 21 21 21 21 21 21 21 28 28

\*Use low rate only for light infestations.  
\*\*Synthetic pyrethroids should be used within the guidelines of state and/or regional resistance management programs and recommendations.

CROP	INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	FURTHER USE INSTRUCTIONS
Cotton	Aphids Thrips Black (Greasy) Cutworm (Except CA)	2/3 to 1-1/3 lbs. (10.5 to 21.25)	Refer to the ACEPHATE 75 WSP conversion chart before making product application. ACEPHATE 75 WSP CONVERSION CHART  LBS. A.I. TO OZ. FORMULATED PRODUCT  0.5    10.7 0.6    12.8 0.7    14.9 0.8    17.0 0.9    19.2 1.0    21.3  Apply 2/3 to 1-1/2 lb. active ACEPHATE 75 WSP in 3 to 5 gals. of water per acre as an in-furrow spray. NOTE: For the Blacklands of Texas use only the 1.0 lb. active ACEPHATE 75 WSP rate (21.3 oz. formulated product per acre.) ACEPHATE 75 WSP can be mixed with fungicides that are sprayed in-furrows for disease control. Flat-fan nozzles used in-furrow application should be set so that the fanned spray pattern is aligned with the row to insure good spray deposition in the seed furrow, and should be avoided. Spray systems that employ metal or plastic tubing for delivery of spray solution into the seed furrow should have tubing securely fastened to the furrow opener and should be checked frequently to insure that the tubing is properly positioned to deposit spray solution into the seed furrow.

**FIELD CROPS**

CROP	INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	FURTHER USE INSTRUCTIONS	DAYS TO HARVEST
Peppermint Spearmint	Alfalfa Looper Cutworms Aphids	1-1/3 lbs. (21.25 oz.)	Apply in water at 5 to 10 gals. spray per acre by air or 20 to 100 gals. spray per acre by ground.  Apply when eggs or insects first appear. Make one repeat application, if necessary, to maintain control.  Do not apply more than 2-2/3 lbs. per acre per season.  Do not use spent mint hay for feed for dairy animals.	14
Peanuts	Grasshoppers Thrips Corn Earworm Fall Armyworm Leafhoppers Loopers Velvetbean Caterpillar	1/3 to 2/3 lb. (5.25 to 10.5 oz.) 2/3 to 1 lb. (10.5 to 16 oz.) 1 to 1-1/3 lbs. (16 to 21.25 oz.)	Apply in water at 10 to 50 gals. spray per acre by ground or in 5 to 10 gals. spray per acre by air.  Begin applications when insects first appear and repeat as needed to maintain control.  Do not feed treated forage or hay to livestock or allow animals to graze treated areas.	14 (of digging)

**TOBACCO GREENHOUSE APPLICATION  
(EXCEPT CA)**

CROP	INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	FURTHER USE INSTRUCTIONS
Tobacco	Cutworm Flea Beetle Green Peach Aphid Tobacco Aphid	1 lb. (16 oz.)	Apply to foliage at the equivalent of 1/3 oz. in 3 gals. water per every 1,000 sq. ft. of bed. Apply evenly to insure thorough coverage. NOTE: Floated water should be disposed of in the transplanted field through the transplant water or through foliar spray.

**TOBACCO PLANT BED APPLICATION  
(EXCEPT CA)**

CROP	INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	FURTHER USE INSTRUCTIONS
Tobacco Bed Treatment	Flea Beetle Green Peach Aphid Tobacco Aphid Cutworms	1 lb. (16 oz.)	Apply to foliage at the equivalent of 1/3 oz. per gal. of water per every 1,000 sq. ft. of bed. Apply evenly to insure thorough coverage.

**TOBACCO FOLIAR APPLICATION (EXCEPT CA)**

CROP	INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	FURTHER USE INSTRUCTIONS	DAYS TO HARVEST
Tobacco (Flue-Cured, Air Cured, Dark Fire Cured)	Grasshoppers	1/3 to 2/3 lb. (5.25 to 10.5 oz.)	Apply in 10 to 50 gals. water per acre with ground equipment or a minimum of 3 gals. per acre by air.	3
	Green Peach Aphid Flea Beetle Homworm Tobacco Thrips	2/3 lb. (10.5 oz.)	Apply on a 7 day schedule or as needed.	
	Tobacco Aphid Vegetable Weevils Stinkbugs	2/3 to 1 lb. (10.5 to 16 oz.)	Do not re-enter sprayed areas until the spray deposit has dried.	
	Budworm Cabbage Looper Cutworm	1 lb. (16 oz.)		

**TOBACCO  
TRANSPLANT WATER APPLICATION  
(EXCEPT CA)**

CROP	INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	FURTHER USE INSTRUCTIONS
Tobacco	Flea Beetle Green Peach Aphid Tobacco Aphid Cutworms Tobacco Thrips	1 lb. (16 oz.)	Provides control of early season flea beetles, green peach aphids, tobacco aphids, and cutworms for approximately 3 to 4 weeks after transplanting. For later season control of these insects, apply a foliar spray of ACEPHATE 75 WSP.  Apply in a minimum of 100 gals. of transplant water per acre.  Do not apply more than 1 lb. ACEPHATE 75 WSP per acre as a transplant water application as some phytotoxicity may occur.

**TOBACCO SOIL APPLICATION  
(EXCEPT CA)**

CROP	INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	FURTHER USE INSTRUCTIONS	DAYS TO HARVEST
Tobacco	Ants, including Imported Fire Ants and Harvester Ants	Mound Treatment - Drench Method: Mix at equivalent of 1 oz. in 5 gals. of water. (1 lb. per 80 gals.)  Apply 1 gal. of mix to each mound area by sprinkling the mound unit until it is wet and treat a four (4) foot diameter circle around the mound.	For best results apply the material in the early morning or late afternoon when the ants are most active.  Applications made under prolonged hot and dry conditions may be ineffective due to the location of the ants deep within the nest.  Treat maximum of 13 mounds per acre.  Do not treat more than once per season.	3

**VEGETABLE CROPS**

CROP	INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	FURTHER USE INSTRUCTIONS	DAYS TO HARVEST
Beans and Lima	Fleahoppers Grasshoppers	1/3 to 2/3 lb. (5.25 to 10.5 oz.)	Apply in water at a minimum of 2 gals. spray per acre by air or 20 to 100 gals. spray per acre by ground.	14 (snap- beans or dry beans)
Beans (Dry and Succu- lant Forms)	Aphids (excluding black bean aphid) Bean Leaf Beetle Bean Leafroller Cabbage Looper Cutworms Green Cloverworm Leafhoppers Mexican Bean Beetle Plantbugs (Lygus) Soybean Looper Thrips Whitefly	2/3 to 1-1/3 lbs. (10.5 to 21.25 oz.)	Apply when eggs or insects first appear. Repeat at 7 to 10 day intervals as necessary. Severe insect infestations, use higher rates.  Do not feed treated vines to livestock.	0 (lima beans - succulent form)
	Armyworms (excluding Beet Armyworm) Corn Earworm European Corn Borer	1 to 1-1/3 lbs. (16 to 21.25 oz.)		
Brussels Sprouts Cauli- flower	Green Peach Aphid	2/3 to 1-1/3 lbs. (10.5 to 21.25 oz.)	Apply in water at 25 to 150 gals. spray per acre by ground or a minimum of 5 gals. spray per acre by air.  Use the high rate when heavy infestations of aphids are present.  Begin applications when insects or eggs first appear.  Repeat applications as needed. Do not apply more than 8 lbs. per acre per season to Brussels Sprouts.	14
	Cabbage Looper Diamondback Moth Larvae* Imported Cabbage Worm	1-1/3 lbs. (21.25 oz.)	Do not feed trimmings to livestock or allow animals to graze in treated areas.  *Diamondback Moth Larvae - this insect has shown the ability to develop resistance to various classes of insecticides in various locations during the production season. Consult your local Agricultural Extension Service for the current recommended control practices for this insect.	
Celery	Green Peach Aphid	2/3 to 1-1/3 lbs. (10.5 to 21.25 oz.)	Apply in water at 50 to 100 gals. spray per acre by ground or in a minimum of 5 gals. per acre by air.  Apply when eggs of insects appear and repeat at 3 to 10 day intervals as necessary to maintain control.	21
	Fall Armyworms Cabbage Looper	1-1/3 lbs. (21.25 oz.)	Trim plants (tops removed) before shipment for use.  Do not use trimmed (tops) for food or feed.	



VEGETABLE CROPS (Continued)

NON-BEARING CITRUS

CROP	INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	FURTHER USE INSTRUCTIONS	DAYS TO HARVEST	PLANTS	INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	TIME OF APPLICATION	RECOMMENDED APPLICATION										
Head Lettuce (Crisp-head Type Only)	Aster Leafhopper Green Peach Aphid	2/3 to 1-1/3 lbs. (10.5 to 21.25 oz.)	Apply in water at 5 to 10 gals. spray per acre by air or 10 to 60 gals. spray per acre (broadcast) by ground.  Apply as necessary to maintain desired control. Do not apply more than 6-2/3 lbs. per acre per season.	21  Spring, summer and early fall crops in all areas and winter crops in Florida and Texas, late fall crops in Arizona and California	Non-Bearing Citrus (includ citrus nursery seedlings)  *(except CA)	Aphids Grasshoppers Katydid Mealybugs Orangedogs Plant Bugs Thrips Whiteflies	2/3 lb. (10.5 oz.)	Apply as needed for control of existing populations.	Apply ACEPHATE 75 WSP in 100 to 200 gals of water per acre. Spray individual juvenile or non-bearing trees for coverage with total application not to exceed specified rate in lbs. per acre. Length of residual activity will depend upon spray coverage and the amount of moisture following application.  Do not graze treated areas.										
	Cabbage Looper Armyworms (excluding Beet Armyworm)	1-1/3 lbs. (21.25 oz.)	Do not apply after first head begins to form to crops which germinate from mid September through November in desert areas of AZ and CA.  Do not feed trimmings to livestock or allow to graze on treated areas.			Citrus Blackfly*	2/3 to 1-1/3 lb. (10.5 to 21.25 oz.)	The high rate should be used when a heavy infestation of citrus blackfly is present. Begin applications when eggs or adults first appear. Apply on a 7 to 10 day interval or as needed to maintain control.	DO NOT HARVEST citrus for one year after treatment.  For mound drench treatment, apply 1 gal. of mix to each mound area by sprinkling the mound until it is wet and treat a four (4) ft. diameter circle around the mound.										
Peppers (Non-bell type)	Aphids	2/3 lb. (10.5 oz.)	For use in Midwestern, Eastern States and Puerto Rico only.  Apply in winter at 40 to 150 gals. spray per acre with ground equipment.  Repeat at 7 to 10 day intervals as necessary.  Do not exceed 7 applications per season.	7															
						Ants, including Imported Fire Ants and Harvester Ants*	Foliar Spray 1.0 lbs. (16 oz.)  Mound Treatment Drench Method: mix 1 oz. in 5 gals. of water.	Apply as needed for control of existing populations.											
Sweet Peppers (Bell type)	Grasshoppers	1/3 to 2/3 lb. (5.25 to 10.5 oz.)	Apply in water at a minimum of 3 gals. spray per acre by air or 25 to 150 gals. spray per acre by ground.	?	<b>SPECIALTY USES IN NON CROP AREAS</b>														
	Cabbage Looper Green Peach Aphid Tobacco Hornworm	2/3 to 1-1/3 lbs. (10.5 to 21.25 oz.)	Apply when eggs or insects appear. Repeat as necessary until insects have been reduced below economic numbers.																
	European Corn Borer	1 to 1-1/3 lbs. (16 to 21.25 oz.)																	
<b>PASTURE, RANGELAND, WASTELAND</b>					<table border="1" style="width: 100%;"> <thead> <tr> <th>CROP</th> <th>INSECTS</th> <th>AMOUNT ACEPHATE 75 WSP PER ACRE</th> <th>FURTHER USE INSTRUCTIONS</th> <th>DAYS TO HARVEST</th> </tr> </thead> <tbody> <tr> <td>Non-Crop Areas (field borders, fencerows, roadsides, ditchbanks, and borrow pits)</td> <td>Grasshoppers</td> <td>1/3 lb. (5.25 oz.)</td> <td>For early to mid-season application to grasshoppers in field borders, fencerows, roadsides, ditchbanks, and borrow pits. Apply in 1 to 5 gals. of water by air, or in 10 to 20 gals. of water with ground equipment. Use the higher volumes when spraying heavier foliage. Do not graze or feed vegetation cut from treated areas.</td> <td></td> </tr> </tbody> </table>					CROP	INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	FURTHER USE INSTRUCTIONS	DAYS TO HARVEST	Non-Crop Areas (field borders, fencerows, roadsides, ditchbanks, and borrow pits)	Grasshoppers	1/3 lb. (5.25 oz.)	For early to mid-season application to grasshoppers in field borders, fencerows, roadsides, ditchbanks, and borrow pits. Apply in 1 to 5 gals. of water by air, or in 10 to 20 gals. of water with ground equipment. Use the higher volumes when spraying heavier foliage. Do not graze or feed vegetation cut from treated areas.	
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PASTURE, RANGELAND, WASTELAND

CROP	INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	FURTHER USE INSTRUCTIONS	DAYS TO HARVEST
Pasture, Rangeland, Wasteland	Grasshoppers Mormon Crickets Black Grass Bugs	1/8 to 1/6 lb. (2 to 2-2/3 oz.)	Apply in water at a minimum of 1/2 gal. spray per acre by air or 10 to 20 gals. spray per acre by ground.  Use the higher rate in thicker vegetation or on larger insects. An approved drift retardant additive may be added to aid in controlling drift and reducing evaporation of aerial sprays.  Do not make more than one application per season.  Do not apply when lactating dairy cattle are present. Do not graze or feed grass hay to dairy animals. Remove meat animals from treated areas at least one day before slaughter if they were present at application or grazed treated areas within 21 days after application.	21 for hay

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10/11

### SPRINKLER IRRIGATION APPLICATION TO CRANBERRIES

This product may only be applied through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, travelers, big gun, solid set, or hand move. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the label-prescribed safety devices for public water suppliers are in place.

A person knowledgeable of the chemigation system and responsible for its operation shall shut the system down and make necessary adjustments should the need arise.

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

**Solid Set System:** Apply specified dosage for the entire length of the irrigation period or for a 30 to 60 minute period at the end of a regular irrigation set or as a 30 to 60 minute injection as a separate application not associated with a regular irrigation. Allow time for all lines to flush the pesticide through the nozzle before turning off irrigation water. To ensure the lines are flushed and free of remaining pesticide, a dye indicator may be injected into the lines to mark the end of the application period. See NOTE.

**Center Pivot Systems:** Inject the specified dosage per acre continuously for one complete reevaluation of the system.

**NOTE:** Constant agitation must be maintained in the chemical supply tank during the entire period of insecticide application. Inject the product with a positive displacement pump into the main line ahead of a right turn to insure adequate mixing.

Application of more than label recommended quantities of irrigation water per acre may result in decreased product performance by removing the chemical from the zone of effectiveness.

**STORAGE AND DISPOSAL**

**PROHIBITIONS**

Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

**STORAGE**

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in cool, dry place. Protect from excessive heat. Do not contaminate food or feedstuffs. Do not store or transport near feed or food.

For help with any spill leak, fire or exposure involving this material, call day or night 1-800-892-0099, or Chemtrec 1-800-424-9300.

**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:** Do not reuse the outer bag. Dispose of outer bag in a sanitary landfill or by incineration if allowed by state and local authorities.

**WARRANTY - CONDITION OF SALE**

Drexel Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. Drexel does not make nor authorize any agent or representative to make, any other warranty, guarantee or representation, express or implied, concerning this product. Specifically, NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.

Critical and unforeseeable factors beyond Drexel's control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, lack of complete control over the handling and application of this product, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit under average conditions for the uses stated on the labeling and even though label directions are followed. Buyer and User acknowledge and assume all risks and liability (except those assumed by Drexel under paragraph above) resulting from handling, storage and use of the product. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product.

- AMBUSH® - Registered trademark of Zeneca Ag Products for permethrin insecticide.
- AMMO® - Registered trademark of FMC Agri Chemical Group for cypermethrin insecticide.
- ASANA® - Registered trademark of E.I. duPont de Nemours & Co., Inc. for esfenvalerate insecticide.
- BAYTHROID® - Registered trademark of miles, Inc. for cyfluthrin synthetic pyrethroid.
- CAPTURE® - Registered trademark of FMC Agri Chemical Group for bifenthrin insecticide miticide.
- CYMBUSH® - Registered trademark of Zeneca, Inc. Ag Products for cypermethrin insecticide.
- KARATE® - Registered trademark of Zeneca Ag Products U.K. for lambda-cyhalothrin insecticide.
- LORSBAN® - Registered trademark of Dow Chemical Company for chlorpyrifos insecticide.
- ORTHENE® - Registered trademark of Monsanto Company for acephate insecticide.
- POUNCE® - Registered trademark of FMC Agri Chemical Group for permethrin insecticide.
- PYDRIN® - Registered trademark of E.I. duPont de Nemours & Co., Inc. for fenvalerate insecticide.
- SCOUT® - Registered trademark of Hoechst-Roussel Agri-Vet Co. for tralomethrin pyrethroid insecticide.