

# ACEPHATE 75 WSP

## INSECTICIDE

(Soluble Powder Insecticide in Water-Soluble Pouch)

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

### KEEP OUT OF REACH OF CHILDREN

## CAUTION

**PRECAUTIONARY STATEMENTS**  
HAZARDS TO HUMANS & 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 into contact with treated areas until sprays have dried.

<b>FIRST AID</b>	
Contains an organophosphate that inhibits cholinesterase.	
If swallowed	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL THE NATIONAL PESTICIDE INFORMATION CENTER 1-800-858-7378.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN Acephate is a cholinesterase inhibitor. If signs of cholinesterase inhibition appear, atropine is antidotal. 2-PAM may also be used in conjunction with atropine but should not be used alone.	

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident, call CHEMTREC 1-800-424-9300**

EPA Reg. No. 70506-1

#### 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. 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 FOR USE 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 until 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 this product is used to produce agricultural plants on farms, forests, or greenhouses.

For other non-agricultural areas, do not enter treated areas without protective clothing until sprays have dried.

#### DIRECTIONS

##### CHEMIGATION

**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.**

#### TANK MIXES

NOTICE: Tank mixing of the product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of the user, applicator and/or application advisor.

Read and follow the entire label of each product to be used in the tank mix with this product.

#### TABLE OF EQUIVALENTS

AMOUNT OF ACEPHATE 75 WSP PER ACRE	ACRES TREATED BY A 1 LB. PACKAGE (1 LB. WATER-SOLUBLE POUCH)	ACRES TREATED BY A 5 LB. PACKAGE (5 x 1 LB. WATER-SOLUBLE POUCHES)
1/8 lb.	8.00	40.00
1/6 lb.	6.00	30.00
3 oz.	5.33	26.67
4 oz.	4.00	20.00
1/3 lb.	3.00	15.00
2/3 lb.	1.50	7.50
1 lb.	1.00	5.00
1 1/3 lbs.	0.75	3.75

#### GENERAL INFORMATION

ACEPHATE 75 WSP is an insecticide for control of pests on selected agricultural crops and in certain non-crop areas. The active ingredient in ACEPHATE 75 WSP is acephate, a water soluble insecticide readily absorbed by plant roots and foliage to give systemic control of feeding insects. Insect pests are generally controlled more effectively by ACEPHATE 75 WSP through ingestion than by contact. Application of ACEPHATE 75 WSP to maintain control should be repeated only as directed.

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY, AND/OR ILLEGAL RESIDUES.**

**Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.**

NOTE: This product is sold by weight and package is full when packed, but due to the product's nature, settling is likely to occur.

### HANDLING

The enclosed pouches are water-soluble. **Do not** allow pouches to become wet prior to adding to the spray tank. **Do not** handle pouches with wet hands or wet gloves. Always reseal overwrap bag to protect remaining unused pouches. **Do not** remove water-soluble pouches from overwrap except to add directly to the spray tank.

### PREPARATION OF SPRAY SOLUTION

To prepare spray solution, drop the unopened packet(s) of ACEPHATE 75 WSP into a spray tank containing at least one-half of the total quantity of water required. Add remaining water with the agitator running until the spray volume is reached. Do not add any liquid fertilizers, micronutrients or adjuvants to the spray solution until the ACEPHATE 75 WSP has completely dissolved. ACEPHATE 75 WSP should completely dissolve in approximately five minutes. Dissolution rate may be slowed by cold water, lack of agitation, or water containing high concentrations of boron or sulfur.

### BEANS AND LIMA BEANS — Dry and Succulent Forms

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS	DAYS TO HARVEST
Fleahoppers Grasshoppers	1/3 to 2/3 lb.	Apply in water at a minimum of 2 gals. spray per acre by air or 20 to 100 gals. spray per acre by ground.	0 (lima beans — succulent form)
Aphids (excluding Black bean Aphid) Bean Leaf Beetle Bean Leafroller Cabbage Looper Cutworms Green Cloverworm Leafhoppers Mexican Bean Beetle Plant Bugs (Lygus) Soybean Looper Thrips Whitefly (Except Sweetpotato or Silverleaf Whitefly)	2/3 to 1 1/3 lbs.	Apply when eggs or insects first appear. Repeat at 7 to 10 day intervals but do not exceed maximum application rate of 2 2/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle. For severe insect infestations, use higher rates.	14 (snap-beans — succulent or dry beans)
Armyworms (excluding Beet Armyworm) Corn Earworm European Corn Borer	1 to 1 1/3 lbs.		

#### USE PRECAUTIONS:

- Do not apply more than 2 2/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle.
- Do not feed treated vines to livestock.

### CELERY

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS	DAYS TO HARVEST
Green Peach Aphid	2/3 to 1 1/3 lbs.	Apply in water at 50 to 100 gals. spray per acre by ground or in a minimum of 5 gals per acre by air.	21
Fall Armyworms Cabbage Looper	1 1/3 lbs.	Apply when eggs or insects appear and repeat at 3 to 10 day intervals but do not exceed maximum application rate of 2 2/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle.	

#### USE PRECAUTIONS:

- All celery must be trimmed (tops removed) before shipment for use.
- Do not use trimmed (tops) for food or feed.
- Do not apply more than 2 2/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle.

### COLE CROPS

#### Brussels Sprouts & Cauliflower

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS	DAYS TO HARVEST
Green Peach Aphid	2/3 to 1 1/3 lbs.	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 higher rate when heavy infestations of aphids are present. Begin application when insects or eggs first appear.	14
Cabbage Looper Diamondback Moth Larvae Imported Cabbage Worm	1 1/3 lbs.	Repeat application as needed but do not exceed maximum application rate of 2 2/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle. Diamondback Moth Larvae — This insect has demonstrated an ability to develop resistance to various classes of insecticides. Consult your local Agricultural Extension Service for current recommended control practices for this insect.	

#### USE PRECAUTIONS:

- Do not apply more than 2 2/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle.
- Do not feed trimmings to livestock or allow animals to graze in treated areas.

## COTTON

### GENERAL USE PRECAUTIONS:

Do not use treated seed for food or feed purposes or process for oil.

Do not feed gin trash to livestock.

Do not allow animals to graze on treated areas.

Do not apply more than 8 lbs. of ACEPHATE 75 WSP per acre per crop cycle. This limitation includes all methods of application; i.e. in-furrow and foliar.

### COTTON IN-FURROW APPLICATION

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS
Aphids* Thrips Black (Greasy) Cutworm (Except CA) * Excluding Cotton Aphids in AZ & CA	2/3 to 1 1/3 lbs.  NOTE: for the Blacklands of Texas use 1 1/3 lbs. per acre ACEPHATE 75 WSP	Apply ACEPHATE 75 WSP in 3 to 5 gals. of water per acre as an in-furrow spray. ACEPHATE 75 WSP can be mixed with fungicides that are sprayed in-furrow for disease control.  Flat-fan nozzles used for 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. Cone type nozzles may not provide a spray pattern that insures maximum 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.

### FOLIAR APPLICATION

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS	DAYS TO HARVEST
Thrips	3 to 4 oz.	Apply in water at 3 to 10 gals. spray per acre by air (minimum 5 gals per acre in CA and AZ) or 10 to 25 gals. spray per acre by ground. Apply when eggs or insects first appear. Repeat as necessary but do not exceed maximum application rate of 8 lbs. of ACEPHATE 75 WSP per acre per crop cycle.  Lygus — Use higher rate for lygus adults that have migrated into cotton. Cotton Aphid — This insect may develop resistance to various classes of insecticides. Consult your local Agricultural Extension Service for current control recommendations.  Armyworms & Cabbage Looper — Apply when eggs appear and repeat at 3 to 7 day spray intervals but do not exceed maximum application rate of 8 lbs. of ACEPHATE 75 WSP per acre per crop cycle.  Bollworm 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 but do not exceed maximum application rate of 8 lbs. of ACEPHATE 75 WSP per acre per crop cycle.  Adult/Larvae — Moths are controlled when they come in direct contact with spray particles during application. Moth kill is most likely to occur when application is made late in the evenings during periods of peak activity. DEADHATCH® — Control of emerging larvae by consumption of treated egg casings.  Pink Bollworm — Apply when insects appear and repeat at a 5 to 7 day spray interval but do not exceed maximum application rate of 8 lbs. of ACEPHATE 75 WSP per acre per crop cycle.  Cutworms — Ground application is recommended.  Aerial applications are less effective, but may be used. Control is most effective when ground application is made in the evenings and sprays are directed toward the base and lower portion of plant. Apply when insects first appear or damage is first noted and repeat application as necessary to maintain control but do not exceed maximum application rate of 8 lbs. of ACEPHATE 75 WSP per acre per crop cycle.	21
Plant Bugs (Lygus)	1/3 to 1 1/3 lbs. 1 to 1 1/3 lbs. (CA and AZ)		
Fleahopper	1/3 lb.		
Cotton Aphid (excluding AZ and CA)	2/3 to 1 1/3 lbs.		
Whitefly (excluding Sweetpotato Whitefly/ Silver Whitefly)	2/3 to 1 1/3 lbs.		
Armyworms (excluding Beet Armyworm) Cabbage Looper	1 1/3 lbs.		
Bollworm Tobacco Budworm Adults Larvae Eggs (DEADHATCH®)	2/3 to 1 1/3 lbs.  (East of Rockies) 1 1/3 lbs. (CA & AZ)		
Stinkbugs	1 lb.		
Pink Bollworm (AZ & CA)	1 1/3 lbs.		
Cutworms	1 lb.		

## COTTON TANK MIXES

### GENERAL USE PRECAUTIONS:

Do not feed gin trash or treated forage to livestock.

Do not allow livestock to graze on treated areas.

Do not apply more than 8 lbs. of ACEPHATE 75 WSP per acre per crop cycle. This limitation includes all methods of application; i.e. in-furrow and foliar.

Always read and follow all label directions when using any pesticide alone or in tank mix combinations. Observe all restrictions and precautions which appear on all product labels. The most restrictive labeling applies when using a tank mix.

### RESISTANCE-MANAGEMENT

Cotton pest control programs, especially those for control of Silverleaf Whitefly populations, should employ a properly designed resistance-management strategy. Such resistance-management strategies include mixture or rotation of alternative classes of chemistry including organophosphates, carbamates, pyrethroids or insect growth regulators. Consult your state or area agricultural extension service for local resistance management strategies and advice on alternative insecticides.

**COTTON TANK MIXES (Continued)**

INSECTS	AMOUNT ACEPHATE 75 WSP + LORSBAN® 4E PER ACRE	ADDITIONAL USE INSTRUCTIONS	DAYS TO HARVEST
Armyworms (excluding Beet Armyworm) Bollworms Cabbage Looper Cotton Aphid Cutworms Fleahopper Grasshoppers Pink Bollworm Plant Bugs (Lygus, Mirids) Salt Marsh Caterpillar Thrips Tobacco Budworm Whitefly (excluding Sweetpotato/Silverleaf Whitefly)	1/3 to 1 1/3 lbs. ACEPHATE 75 WSP + 1 to 2 pts. LORSBAN® 4E	User should comply with all applicable directions, restrictions and precautions on the EPA registered label for LORSBAN® 4E. Cutworms: Use 1 lb. per acre of ACEPHATE 75 WSP. By Ground: Ground application is recommended. Apply in 10 to 25 gals. of spray per acre. Control is most effective when ground application is made in the evenings and sprays are directed toward the base and lower portion of plant. By Air: Aerial applications are less effective, but may be used. Apply in 3 to 10 gals. spray per acre (minimum 5 gals spray per acre in CA). Apply when insects first appear or when damage is first noted and repeat application as necessary to maintain control but do not exceed maximum application rate of 8 lbs. of ACEPHATE 75 WSP per acre per crop cycle.	21

INSECTS	AMOUNT ACEPHATE 75 WSP + DANITOL® 2.4 EC PER ACRE	ADDITIONAL USE INSTRUCTIONS	DAYS TO HARVEST
Sweetpotato Whitefly (Silverleaf Whitefly)	2/3 lb. ACEPHATE 75 WSP + 10 2/3 to 16 fl. oz. DANITOL® 2.4 EC	Apply in water at 3 to 10 gals. spray per acre by air (minimum 5 gals. per acre in CA) or 10 to 25 gals. spray per acre by ground. User should comply with all applicable directions, restrictions and precautions on the EPA registered label for DANITOL® 2.4 EC Spray. Apply when insects first appear or when damage is first noted and repeat application as necessary to maintain control but do not exceed maximum application rate of 8 lbs. of ACEPHATE 75 WSP per acre per crop cycle.	21

**COTTON TANK MIXES WITH PYRETHROIDS**

**GENERAL USE PRECAUTIONS:**

Do not feed gin trash or treated forage to livestock.

Do not allow livestock to graze on treated areas.

Do not apply more than 8 lbs. of ACEPHATE 75 WSP per acre per crop cycle. This limitation includes all methods of application; i.e. in-furrow and foliar.

Synthetic Pyrethroids should be used within the guidelines of state and/or regional resistance management programs and recommendations.

Always read and follow all label directions when using any pesticide alone or in tank mix combinations. Observe all restrictions and precautions which appear on all product labels. The most restrictive labeling applies when using a tank mix.

**RESISTANCE-MANAGEMENT**

Cotton pest control programs, especially those for control of Silverleaf Whitefly populations, should employ a properly designed resistance-management strategy. Such resistance-management strategies include mixture or rotation of alternative classes of chemistry including organophosphates, carbamates, pyrethroids or insect growth regulators. Consult your state or area agricultural extension service for local resistance management strategies and advice on alternative insecticides.

INSECTS	ACEPHATE 75 WSP AND TANK MIX PARTNER	AMOUNT OF ACEPHATE 75 WSP + TANK MIX PARTNER PER ACRE	ADDITIONAL USE INSTRUCTIONS	DAYS TO HARVEST
Aphids Bollworm Cabbage Looper Cotton Leaf Perforator Cutworms* Fall Armyworm Fleahoppers Pink Bollworm (AZ & CA) Plantbugs Stinkbugs* Sweetpotato/Silverleaf Whitefly Thrips Tobacco Budworm Whitefly	ACEPHATE 75 WSP + one of the following	2/3 to 1 1/3 lbs. per acre + one of the following	Apply in water at 3 to 10 gals. spray per acre by air (minimum 5 gals. per acre in CA) or 10 to 25 gals. spray per acre by ground. Begin applications when eggs or insects appear and apply as needed to maintain control but do not exceed maximum application rate of 8 lbs. of ACEPHATE 75 WSP per acre per crop cycle. * Stinkbugs: Use 1 lb. per acre of ACEPHATE 75 WSP. * Cutworms: Use 1 lb. per acre of ACEPHATE 75 WSP. <u>By Ground:</u> Ground application is recommended. Control is most effective when ground application is made in the evenings and sprays are directed toward the base and lower portion of the plant. <u>By Air:</u> Aerial applications are less effective, but may be used. Apply when eggs or insects first appear or damage is first noted. Repeat application as necessary to maintain control but do not exceed maximum application rate of 8 lbs. of ACEPHATE 75 WSP per acre per crop cycle.	21
	AMMO® 2.5 EC*	Refer to the AMMO® 2.5 EC approved label for use instructions.		
	ASANA® XL*	Refer to the ASANA® XL approved label for use instructions.		
	BAYTHROID® 2 EC	Refer to the BAYTHROID® 2 EC approved label for use instructions.		
	CAPTURE® 2 EC	Refer to the CAPTURE® 2 EC approved label for use instructions.		
	KARATE® 1 EC (Except CA)	Refer to the KARATE® 1 EC approved label for use instructions.		
SCOUT® X-TRA (Except CA)	Refer to the SCOUT® X-TRA approved label for use instructions.			

## CRANBERRIES

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS	DAYS TO HARVEST
Cranberry Blossom Worm Gypsy Moth False Armyworm Fireworms Spanworms Sparganothis	1 1/3 lbs.	Apply in water by air, ground or with sprinklers. Use a minimum of 2 gals. spray per acre by air. Use sufficient water to give thorough coverage with ground or sprinkler equipment.	90
<b>USE PRECAUTIONS:</b>			
<ul style="list-style-type: none"> <li>• Do not apply more than 1 1/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle.</li> <li>• Do not apply form start of bloom until all berries set.</li> </ul>			

**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 supplies 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 Systems:** 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 all nozzles before turning off irrigation water. To insure 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 revolution of the system. See NOTE.

**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 angle 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.

## HEAD LETTUCE — Crisphead type only

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS	DAYS TO HARVEST
Aster Leafhopper Green Peach Aphid	2/3 to 1 1/3 lbs.	Apply in water at 5 to 10 gals. of spray per acre by air or 10 to 60 gals. of spray per acre (broadcast) by ground.	21
Cabbage Looper Armyworms (excluding Beet Armyworm)	1 1/3 lbs.	Apply as necessary to maintain desired control but do not exceed maximum application rate of 2 2/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle.	Spring, summer and early fall crops in all areas and winter crops in Florida and Texas, late fall crops in Arizona, winter crops in Arizona and California
<b>USE PRECAUTIONS:</b>			
<ul style="list-style-type: none"> <li>• 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.</li> <li>• Do not feed trimmings to livestock or allow animals to graze on treated areas.</li> <li>• Do not apply more than 2 2/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle.</li> </ul>			

## MINT — Spearmint and Peppermint

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS	DAYS TO HARVEST
Alfalfa Looper Aphids Cutworms	1 1/3 lbs.	Apply in water at 5 to 10 gals. per acre by air or 20 to 100 gals. spray per acre by ground.	14
<b>USE PRECAUTIONS:</b>			
<ul style="list-style-type: none"> <li>• Do not use spent mint hay for feed for dairy animals.</li> <li>• Do not graze treated areas.</li> <li>• Do not apply more than 2 2/3 lbs. of ACEPHATE 75 WSP per acre per season.</li> </ul>			

## NON-BEARING CITRUS

### GENERAL USE PRECAUTIONS:

Do not graze treated areas.

DO NOT HARVEST citrus for one year after treatment.

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	TIME OF APPLICATION	RECOMMENDED APPLICATION
Aphids Grasshoppers Katydid Mealybugs Orangedogs Plant Bugs Thrips Whiteflies (except Sweetpotato Silverleaf)	2/3 lb.	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.
Citrus Blackfly	2/3 to 1 lb.	Apply when eggs or insects first appear. Use the high rate when a heavy infestation is present. Repeat spray at 7 to 10 day spray intervals.	
Ants Including Imported Fire Ants and Harvester Ants	Mound Treatment Method: Mix 1 oz. in 5 gals. of water (1-1 lb. pouch in 80 gallons of water)	Apply as needed for control of existing populations.	Apply 1 gal. of mix to each mound area by sprinkling the mound until it is wet and treat a four (4) foot diameter circle around the mound.

## NON-CROP AREAS

### FIELD BORDERS, FENCEROWS, ROADSIDES, DITCHBANKS, BORROW PITS

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	RECOMMENDED APPLICATION
Grasshoppers	1/3 lb.	For early to mid-season application. Apply in water at 1 to 5 gals. spray per acre by air (minimum 5 gals per acre in CA) or 10 to 25 gals. spray per acre by ground. Use the higher volumes when spraying dense foliage. An approved drift retardant may be added to aid in controlling drift and reducing evaporation of aerial sprays.
<b>USE PRECAUTIONS:</b>		
<ul style="list-style-type: none"> <li>Do not graze or feed vegetation cut from treated areas.</li> </ul>		

### WASTELAND (NON-FOOD/NON-FEED PRODUCING AREAS)

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS
Black Grass Bugs Grasshoppers Mormon Crickets	1/8 to 1/6 lb.	Apply in water at 1/2 gal. Spray per acre by air (minimum of 5 gals per acre in CA) or 10 to 20 gals. Spray per acre by ground. Use higher volumes when spraying dense foliage. An approved drift retardant may be added to aid in controlling drift and reducing evaporation of aerial sprays.
<b>USE PRECAUTIONS:</b>		
<ul style="list-style-type: none"> <li>Do not make more than one application per season.</li> <li>Do not graze or feed vegetation cut from treated areas.</li> </ul>		

## PEANUTS

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS	DAYS TO HARVEST
Grasshoppers	1/3 to 2/3 lb.	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 eggs or insects first appear and repeat as needed to maintain control but do not exceed maximum application rate of 5 1/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle.  ACEPHATE 75 WSP can be tank mixed with at-cracking and early post emergence peanut herbicides, provided those products do not prohibit tank mixes, provided the most restrictive of label limitations and precautions are observed, and provided no label dosage rates are exceeded.  To determine physical compatibility, pour the recommended proportions of each chemical with the same proportion of water as will be present in the chemical supply tank into a suitable container, mix thoroughly and allow to stand for five minutes. If the combination remains mixed, or can be remixed readily, the mixture is considered physically compatible. When mixing wettable powder or dry flowable formulations, add and disperse these first, then add liquid pesticides.  Combinations should be kept agitated and should be applied immediately. Do not allow combinations to set for prolonged periods in the chemical supply tank.	14 (of digging)
Thrips	1/2 to 1 lb.		
Corn Earworm Fall Armyworm Leafhoppers Loopers Velvetbean Caterpillar	1 to 1 1/3 lbs.		
<b>USE PRECAUTIONS:</b>			
<ul style="list-style-type: none"> <li>Do not apply more than 5 1/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle.</li> <li>Do not feed treated forage or hay to livestock or allow animals to graze treated areas.</li> </ul>			

## PEPPERS

### BELL PEPPERS

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS	DAYS TO HARVEST
Grasshoppers	1/3 to 2/3 lb.	Apply in water at a minimum of 3 gals. spray per acre (minimum 5 gals. spray per acre in CA) by air or 25 to 150 gals. spray per acre by ground. Apply when eggs or insects appear. Repeat as necessary until insects have been reduced below economic numbers but do not exceed maximum application rate of 2 2/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle.	7
Cabbage Looper Green Peach Aphid Tobacco Hornworm	2/3 to 1 1/3 lbs.		
European Corn Borer	1 to 1 1/3 lbs.		

**USE PRECAUTIONS:**

- Do not apply more than 2 2/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle.

### NON-BELL PEPPERS

For Use in Midwestern, Eastern States and Puerto Rico Only.

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS	DAYS TO HARVEST
Aphids	2/3 lb.	Apply in water at 40 to 150 gals. spray per acre with ground equipment. Repeat at 7 to 10 day intervals as necessary but do not exceed maximum application rate of 1 1/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle.	7

**USE PRECAUTIONS:**

- Do not apply more than 1 1/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle.

## TOBACCO

### GENERAL USE PRECAUTIONS:

Do not apply more than 5 1/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle.

### TOBACCO FLOATBED APPLICATIONS

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS
Cutworms Flea Beetle Green Peach Aphid Tobacco Aphid	1 lb.	Mix 1 pouch (1 pound) in 96 gal. of water. Apply 3 gal. to foliage per every 1,000 sq. ft. of bed. Apply evenly to ensure thorough coverage. NOTE: Floatbed water should be disposed of in the transplant field, through the transplant water or through foliar spray.

### TOBACCO PLANT BED APPLICATION

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS
Flea Beetle Green Peach Aphid Tobacco Aphid Cutworm	1 lb.	Mix 1 pouch (1 pound) in 32 gal. of water. Apply 1 gal. to foliage per every 1,000 sq. ft. of bed. Apply evenly to ensure thorough coverage.

### TOBACCO TRANSPLANT WATER APPLICATION

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS
Flea Beetle Green Peach Aphid Tobacco Aphid Cutworms Tobacco Thrips	1 lb.	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.

**USE PRECAUTIONS:**

- Do not use more than 1 pound of ACEPHATE 75 WSP per acre as a transplant-water application as some phytotoxicity may occur.

### TOBACCO FOLIAR APPLICATION

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS	DAYS TO HARVEST
Grasshoppers	1/3 to 2/3 lb.	Apply in 10 to 50 gals. water per acre with ground equipment or a minimum of 3 gals. per acre by air. Apply on a 7 day schedule or as needed but do not exceed maximum application rate of 5 1/3 lbs. of ACEPHATE 75 WSP per acre per crop cycle.	3
Green Peach Aphid Flea Beetle Hornworm Tobacco Thrips	2/3 lb.		
Tobacco Aphid Vegetable Weevils Stinkbugs	2/3 to 1 lb.		
Budworm Cabbage Looper Cutworm	1 lb.		

**TOBACCO SOIL APPLICATION**

INSECTS	AMOUNT ACEPHATE 75 WSP PER ACRE	ADDITIONAL USE INSTRUCTIONS	DAYS TO HARVEST
Ants (Including Imported Fire Ants and Harvester Ants)	Drench Method: Mix 1 oz. In 5 gals. of water. (1 - 1 lb. pouch in 80 gallons of water) Apply 1 gal. of mix to each mound area by sprinkling the mound 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.	3
<b>USE PRECAUTIONS:</b>			
<ul style="list-style-type: none"> <li>• Treat maximum of 13 mounds per acre.</li> <li>• Do not treat more than once per season.</li> </ul>			

**COMMERCIAL TURFGRASS: SOD FARMS AND GOLF COURSES ONLY**

Do not allow livestock to graze treated areas. Do not feed treated grass to livestock. Use is limited to sod farms and golf courses, except when applying by mound or spot treatment for fire ant and harvester ant control.

PLANTS	INSECTS	SQUARE FEET TREATED PER 1 LB. POUCH	TIME OF APPLICATION	RECOMMENDED APPLICATION	
Turfgrass (Golf Course and Sod Farms Only)	Fall Armyworm Yellow Striped Armyworm Southern Armyworm	13,400 to 32,600 (3 1/4 to 1 1/3 lbs. per acre)	As the insects appear. A repeat application at 2 week intervals may be necessary.	Apply the specified amount of ACEPHATE 75 WSP per 1,000 sq. ft. Use a minimum of 5 gals. water per 1,000 sq. ft. to obtain good coverage.	
	Cutworms	6,539 to 13,400 (6 2/3 to 3 1/4 lbs. per acre)			
	Chinch bugs	6,539 to 13,400 (6 2/3 to 3 1/4 lbs. per acre)	Apply as needed for adult population knock-down (10 to 14 days).		Apply the specified amount of ACEPHATE 75 WSP per 1,000 sq. ft. Use 1 to 15 gals. water per 1,000 sq. ft. to obtain good coverage.
	Fleas	6,539 to 13,400 (6 2/3 to 3 1/4 lbs. per acre)	Apply as needed for knockdown (7 to 10 days) only of existing adult populations.		
	Sod Webworm (Crambus spp.)	16,300 to 32,670 (2 2/3 to 1 1/3 lbs. per acre)	As sod webworms begin to appear. Use the higher amount when quick knockdown is needed or with heavy infestations. Repeat application may be necessary. Do not repeat at more than 1 week intervals.		
	Leafhoppers	16,300 (2 2/3 lbs. per acre)	As the leafhoppers begin to appear. A repeat application at 1 week intervals may be necessary.		Apply the specified amount of ACEPHATE 75 WSP per 1,000 sq. ft. Use 1 to 15 gals. water per 1,000 sq. ft. to obtain good coverage.  Apply during late afternoon or early evening hours and after an irrigation. Do not irrigate after application.
	Mole Crickets (Except CA) Spittlebug (Except CA)	8,375 to 16,300 (5.2 to 2.7 lbs. per acre)	As mole crickets begin to appear. For knock-down of existing populations, more than one application may be required throughout the growing season. For heavy infestations, use the higher dosage rate.		
The use of a lemon fragrance substance in the spray mix may enhance control by acting as a flushing agent and thus provide increased mole cricket contact with the acephate. The following lemon-scented products have been shown to be effective flushing agents: Lemon Joy, Lemon Palmolive, and Mighty Products Manufacture-Base pure lemon fragrance. The use rate for these lemon-scented products is 2 teaspoons per gallon of water for small total mix volume or 6 fl. oz per 50 gals. of water for large mix volume.					
Dichondra (Golf Courses and Sod Farms Only)	Greenbug (Schizaphis graminun) Grasshoppers	32,670 (1 1/3 lbs. per acre)	Apply when insects or their damage first appears. Repeat as necessary. Application is not to be repeated at more than 1 week intervals.	Apply the specified amount of ACEPHATE 75 WSP. Use 4 gals. of water per 1,000 sq. ft. to obtain good coverage. Do not mow turfgrass for at least 24 hours after application.	
	Black Turfgrass Ataenius (Except CA)	8,375 to 10,600 (5.2 to 4.1 lbs. per acre)	Apply when insects or their damage first appear.	Apply the specified amount of ACEPHATE 75 WSP per 1,000 sq. ft. Use a minimum of 5 gals. water per 1,000 sq. ft. Irrigate lightly after application (not more than 1/2 inch). Use the higher rate for severe infestations.	
Dichondra (Golf Courses and Sod Farms Only)	Cutworm Flea Beetle Southern Armyworm Yellow Striped Armyworm	8,375 to 16,100 (5.2 to 2.66 lbs. per acre)	As the insects appear. Repeat at 2 week intervals as necessary.	Apply the specified amount of ACEPHATE 75 WSP per 1,000 sq. ft. Use a minimum of 15 gals. of water per 1,000 sq. ft. to obtain good coverage.	

## MOUND TREATMENT OF FIRE ANTS IN TURFGRASS

Do not allow livestock to graze treated areas. Do not feed treated grass to livestock.

PLANTS	INSECTS	SQUARE FEET TREATED PER 1 LB. POUCH	TIME OF APPLICATION	RECOMMENDED APPLICATION
Turfgrass and Non-Crop Areas	Imported Fire Ants	Mound Treatment — Drench Method: Mix 1 pouch (1 lb.) in 60 gals. of water. Apply 1 gal. of mix to each mound area by sprinkling the mound 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.	Apply the specified amount of ACEPHATE 75 WSP as directed. Grass in treated area may be injured. Do not treat mound more than once per season.

### 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 concentrated or dilute into food or drink containers. Store in cool, dry place. Protect from excessive heat. Do not contaminate food or foodstuffs. Do not store or transport near feed or food.

**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:** Completely empty bag into application equipment. Do not reuse container. Dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### IMPORTANT INFORMATION READ BEFORE USING PRODUCT CONDITIONS OF SALE AND WARRANTY

United Phosphorus, Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. **UNITED PHOSPHORUS, INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of United Phosphorus, Inc. and Seller.** Risks such as crop injury, ineffectiveness or other unintended consequences resulting from but not limited to weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property or failure to follow label directions will be assumed by the Buyer and User.

**IN NO CASE WILL UNITED PHOSPHORUS, INC. OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.**

AMMO® — Reg. TM of FMC Agri Chemical Group for cypermethrin insecticide.

ASANA® — Reg. TM of E.I. DuPont de Nemours & Co., Inc for esfenvalerate insecticide.

BAYTHROID® — Reg. TM of Miles, Inc. for cyfluthrin synthetic pyrethroid.

CAPTURE® — Reg. TM of FMC Agri Chemical Group for bifenthrin insecticide-miticide.

DANITOL® — Reg. TM of Sumotomo Chemical Company Ltd. for fenpropathrin insecticide-miticide.

KARATE® — Reg. TM of Zeneca Ag Products U.K. for lambda-cyhalothrin insecticide.

LORSBAN® — Reg. TM of Dow Chemical Company for chlorpyrifos insecticide.

SCOUT® — Reg. TM of Hoechst-Roussel Agri-Vet Co. for tralomethrin pyrethroid insecticide.

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## NOTES