



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

79676-15

Date of Issuance:

DEC 14 2004

Term of Issuance:

Conditional

Name of Pesticide Product:

Acephate Pro 97
Insecticide

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Gro-Pro LLC
2214 Hwy 44 West
Inverness, FL 34453

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 when the Agency requires all registrants of similar products to submit such data.

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

- a. Add the designation, "EPA Reg. No.79676-15 ".
- b. Relocate the statement, "This pesticide is toxic to birds." from its present location as the last sentence of the Environmental Hazards section to the first sentence of this section.
- c. Distinguish the use restrictions now located at the end of the section headed "General Use and Restrictions" from the general information. This may be done by creating the subheading, "Restrictions".
- d. On page eight in the use on cotton as an in-furrow application, remove the directions for repeat applications and the statement to "Allow at least 21 days to elapse between final application and harvest."

Signature of Approving Official:

manjiv S. Manjiv

Date:

DEC 14 2004

Such directions are not applicable for an at-planting application.

e. To ensure compliance with the restriction on cotton when used as a single aerial application rate over 0.75 lb active ingredient (ai) per acre, either reformat the use direction table to provide for the restriction or footnote the single application rates to the aerial application restriction appearing in the beginning of the cotton use directions. This may be accomplished by adding an asterisk to the application rates exceeding 0.75 lb a.i./A, as was done with the application interval restrictions.

f. On page 15 in the mint use table, add an asterisk to the last sentence in the application instructions column so that it is properly footnoted to the maximum seasonal rate restriction as was done with the other sentence in the table for repeat applications.

g. Revise the use directions for the outdoor agricultural nonfood uses on the label to provide for the application interval restrictions specified in the acephate Interim Reregistration Eligibility Decision (IRED). The application intervals for agricultural uses are a minimum of 3 days for applications up to 0.5 lb ai/A and a minimum of 7 days for application rates greater than 0.5 lb ai/A. The interval restrictions specified in the IRED are based on concerns for use of acephate on non-target species and are not limited to the use of acephate for agricultural food uses. The non food agricultural uses include such uses as field grown ornamentals or non-bearing plants grown on farms or nurseries.

Our evaluation of the subject proposed product labeling took into consideration the current registered label for the referenced supporting product as well as the risk mitigation measures cited in the IRED issued for acephate.

Since the IRED and the accompanying Data Call-In (DCI) have been issued to acephate registrants in January of 2003 and you have referenced a registered acephate product in support of your product, issuance of the subject registration is conditioned on acceptable data being submitted for the supporting product in response to the DCI or new data being submitted to replace any unacceptable data. If the data are unacceptable and will not be replaced, you will lose your formulator's exemption and become subject to providing these data or being suspended. A copy of the data requirements under the January 6, 2003 DCI for acephate is enclosed.

Please be aware that the January 6, 2003 DCI includes exposure data on extruded pellet formulations and that additional risk mitigation measures for such formulations may be necessary pending review of the required exposure data.

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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.



Marilyn A. Mautz
Biologist
Insecticide-Rodenticide Branch
Registration Division (7504C)

Enclosures: Stamped label
 Data requirements under the Acephate IRED

ACEPHATE PRO 97 Insecticide

ACTIVE INGREDIENT:	By Wt.
Acephate: (O,S-Dimethyl acetylphosphoramidothioate)	97.0%
OTHER INGREDIENTS:	3.0%
TOTAL:	100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
Contains an organophosphate that inhibits cholinesterase.	
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.	
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.	

See inside label booklet for additional PRECAUTIONARY STATEMENTS

EPA Reg. No. 79676-

Manufactured for:
Gro-Pro LLC
2214 Hwy 44 West
Inverness, FL 34453

ACCEPTED
with **COMMENTS**
in EPA Letter Dated:

DEC 14 2004

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
79676-15

EPA Est. No.

Contains the same active ingredient as
Orthene® by Valent U.S.A. Corporation.

Net Weight:

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 into contact with treated areas until sprays have dried.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils and natural rubber ≥ 14 mils. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks and shoes
- Chemical-resistant gloves for all mixers and loaders and for applicators using hand-held application equipment.

In addition, all mixers and loaders and all applicators using low-pressure hand wand application equipment must wear:

A NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N, R, P, or HE filter.

See engineering controls for additional requirements.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

Pilots must use an enclosed cockpit in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

The use of human flaggers is prohibited.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should 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

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

Exposed treated seed may be hazardous to birds and other wildlife. Dispose of all excess treated seed and seed packaging by burial away from bodies of water.

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

This pesticide is toxic to birds

DIRECTIONS FOR USE

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

READ THE 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 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
- Chemical-resistant gloves made out of any waterproof material
- Shoes plus socks

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, nurseries, or greenhouses.

Do not enter or allow others to enter until sprays have dried.

[Worker Protection exclusionary statement for use only with Cotton Seed Treatment use]

Not for use on agricultural establishments in hopper-box, planter-box, slurry-box or other seed treatment applications at, or immediately before planting.

CHEMIGATION

Do not apply this product through any type of irrigation system except as specified for use on cranberries.

GENERAL USE INFORMATION AND RESTRICTIONS

ACEPHATE PRO 97 is an insecticide for control of pests on selected agricultural crops and in certain non-crop areas. The active ingredient in ACEPHATE PRO 97 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 PRO 97 through ingestion than by contact. Application of ACEPHATE PRO 97 to maintain control should be repeated only as directed.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THE 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.

For agricultural uses, do not apply using low-pressure hand wand equipment except as specified for use as a mound treatment for control of fire ants. For non-agricultural uses, do not apply using low-pressure hand wand equipment except for use as a mound treatment for control of fire ants and on ornamental trees, shrubs and floral plants. The use of low-pressure hand wand equipment for perimeter or wasp treatments is prohibited.

ACEPHATE PRO 97 is not for indoor residential use.

MIXING AND COMPATIBILITY

Fill the spray tank one-third to one-half full of clean water with agitation running and add the required amount of ACEPHATE PRO 97 Insecticide to the spray tank and mix thoroughly. Do not add any liquid fertilizers, micronutrients or adjuvants to the spray solution until the ACEPHATE PRO 97 Insecticide has completely dissolved. Add other tank mix partners or foliar feed additives and the remaining water. Maintain agitation during mixing, loading and application. ACEPHATE PRO 97 should completely dissolve in approximately five minutes. Dissolution may be slowed by cold water, low level of agitation, or water containing high concentrations of boron or sulfur.

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

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

SPRAY DRIFT MANAGEMENT

Do not allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, nontarget crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals.

For ground boom applications, apply with nozzle height no more than 4 feet above the ground or crop canopy and when wind speed is 10 mph or less at the application site as measured by an anemometer. Use fine or coarser spray according to ASAE 572 definition for standard nozzles or VMD for spinning atomizer nozzles.

For airblast applications, direct spray above foliage and turn off outward pointing nozzles at row ends and outer rows. Apply only when wind speed is 3-10 mph at the application site as measured by an anemometer outside of the treated area on the upwind side.

For aerial applications, the boom width must not exceed 75% of the wingspan or 90% of the rotary blade. Use upwind swath displacement and apply only when wind speed is 3-10 mph as measured by an anemometer. Use fine or coarser spray according to ASAE 572 definition for standard nozzles or VMD for spinning atomizer nozzles. If application includes a no-spray zone, do not release spray at a height greater than 10 feet above the ground or the crop canopy.

For overhead chemigation, apply only when wind speed is 10 mph or less.

The applicator also must use all other measures necessary to control drift.

BEANS AND LIMA BEANS **Dry and Succulent Forms**

Ground Application: Apply in 20 to 100 gallons per acre by conventional ground equipment to ensure thorough coverage of the target crop.

Aerial Application: Make applications of ACEPHATE PRO 97 Insecticide in a minimum of 2 gallons per acre. Use sufficient carrier volume to provide thorough, uniform coverage.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Fleahoppers Grasshoppers	¼ to ½ lb. (4 to 8 oz.)	Apply when eggs or insects first appear. Repeat at 3 day spray intervals as necessary to maintain control.* Use higher rates for severe insect infestations.
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 (Except Sweetpotato or Silverleaf Whitefly)	½ to 1.0 lb. (8 to 16 oz.)	Apply when eggs or insects first appear. For applications of 0.5 lb. a.i./acre, repeat at 3 day spray intervals as necessary to maintain control.* For applications greater than 0.5 lb. a.i./acre, repeat at 7 day spray intervals as necessary to maintain control.* Use higher rates for severe insect infestations.
Armyworms (excluding Beet Armyworm) Corn Earworm European Corn Borer	¾ to 1.0 lb. (12 to 16 oz.)	
USE PRECAUTIONS:		
<ul style="list-style-type: none"> *Do not apply more than 2 1/8 lbs./A (2 lbs. a.i.) per season. Snap beans – succulent or dry beans: Allow at least 14 days to elapse between final application and harvest. Lima beans – succulent form: Applications may be made up to and including the day of harvest. Do not feed treated vines to livestock. 		

BRUSSELS SPROUTS & CAULIFLOWER

Ground Application: Apply in 25 to 150 gallons per acre by conventional ground equipment to ensure thorough coverage of the target crop.

Aerial Application: Make applications of ACEPHATE PRO 97 Insecticide in a minimum of 5 gallons per acre. Use sufficient carrier volume to provide thorough, uniform coverage.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Green Peach Aphid	½ to 1.0 lb. (8 to 16 oz.)	Apply when eggs or insects first appear.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Cabbage Looper Diamondback moth larvae Imported Cabbage Worm	1.0 lb. (16 oz.)	For applications of 0.5 lb. a.i./acre, repeat at 3 day spray intervals as necessary to maintain control.* For applications greater than 0.5 lb. a.i./acre, repeat at 7 day spray intervals as necessary to maintain control.* Use the high rate when heavy infestations of aphids are present. 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:		
<ul style="list-style-type: none"> *Do not apply more than 2 1/8 lbs./A (2 lbs. a.i.) per crop cycle. Allow at least 14 days to elapse between final application and harvest. Do not feed trimmings to livestock or allow animals to graze in treated areas. 		

CELERY

Ground Application: Apply in 50 to 100 gallons per acre by conventional ground equipment to ensure thorough coverage of the target crop.

Aerial Application: Make applications of ACEPHATE PRO 97 Insecticide in a minimum of 5 gallons per acre. Use sufficient carrier volume to provide thorough, uniform coverage.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Green Peach Aphid	½ to 1.0 lb. (8 to 16 oz.)	Apply when eggs or insects first appear. For applications of 0.5 lb. a.i./acre, repeat at 3 day spray intervals as necessary to maintain control*
Cabbage Looper Fall Armyworms	1.0 lb. (16 oz.)	For applications greater than 0.5 lb. a.i./acre, repeat at 7 day spray intervals as necessary to maintain control*
USE PRECAUTIONS:		
<ul style="list-style-type: none"> *Do not apply more than 2 1/8 lbs./A (2 lbs. a.i.) per season. Allow at least 21 days to elapse between final application and harvest. All celery must be trimmed (tops removed) before shipment for use. Do not use trimmed tops for food or feed. 		

COMMERCIALY TREATED COTTONSEED

ACEPHATE PRO 97 contains a water-soluble systemic insecticide which helps to reduce injury to cotton seedlings by several insects. ACEPHATE PRO 97 can be mixed in the slurry tank with most of the

fungicide seed treatments in common use. It also can be applied as a separate treatment using enough water to give adequate coverage of the seed.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER 100 LBS COTTONSEED	EFFICACY
Cotton Aphids Thrips (Including Western Flower Thrips)	6.4 oz. (0.4 lb)	Gives effective reduction of thrips and cotton aphids for up to three weeks after planting.
Black (Greasy) Cutworm	6.4 oz. (0.4 lb)	Gives effective reduction of Black (Greasy) Cutworm from planting through the 3 rd to 4 th leaf stage of development. When planting into fields where large cutworms are present (5 th instar and larger), economic damage may occur.

USE PRECAUTIONS AND RESTRICTIONS:

- When using formulations that do not contain dye, compliance with 21 CFR Chapter 1, Section 2.5 requires that all seed treated with a pesticide must be colored to distinguish from, and prevent inadvertent use as food for man or feed for animals.
- Treated seed must not be used for, or mixed with, food or animal feed or processed for oil. Seed treated with ACEPHATE PRO 97 may be considered adulterated under state and federal laws if sold or shipped as food or feedstuffs. Seed commercially treated with ACEPHATE PRO 97 must be labeled as follows: "TREATED SEED. DO NOT USE FOR FOOD, FEED, OR OIL."
- Observe all precautions and limitations on labeling of all products used in mixtures.

COTTON

RESTRICTIONS APPLICABLE TO ALL USES ON COTTON:

- 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 4.1 lbs./A (4 lbs. a.i.) per season. This includes all uses of ACEPHATE PRO 97 on cotton.
- For aerial application in California and Arizona, application is limited to 1.0 lb. a.i./acre. For all other areas of the U.S., application is limited to 0.75 lb. a.i./acre by air.

RESISTANCE MANAGEMENT

Cotton pest control programs, especially those for control of Silverleaf/Sweetpotato Whitefly populations, should employ a properly designed resistance-management strategy. Such resistance-management strategies include a 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.

IN-FURROW APPLICATION

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Aphids (Excluding Cotton Aphids in AZ & CA) Black (Greasy) Cutworm (Except CA)	½ to 1.0 lb. (8 to 16 oz.) NOTE: For the Blacklands of	Apply in water at 3 to 5 gals. carrier per acre as an in-furrow spray. Use flat-fan nozzles for in-furrow application. Align

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Thrips	Texas, use 1.0 lb./A ACEPHATE PRO 97	nozzles to ensure good spray deposition into the seed furrow. Cone type nozzles are not recommended since unacceptable spray deposition may occur. Securely fasten spray-system tubing to furrow opener and check frequently to ensure proper positioning and operation. ACEPHATE PRO 97 can be mixed with fungicides that are sprayed in-furrow for disease control. Allow at least 21 days to elapse between final application and harvest. For applications of 0.5 lb. a.i./acre, repeat at 3 day spray intervals as necessary to maintain control* For applications greater than 0.5 lb. a.i./acre, repeat at 7 day spray intervals as necessary to maintain control*
USE RESTRICTIONS: *See restrictions applicable to all uses on cotton.		

FOLIAR APPLICATIONS

Ground Application: Apply in 10 to 25 gallons per acre by conventional ground equipment to ensure thorough coverage of the target crop.

Aerial Application: Make applications of ACEPHATE PRO 97 Insecticide in 3 to 10 gallons per acre (minimum of 5 gallons per acre in AZ & CA). Use sufficient carrier volume to provide thorough, uniform coverage.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Thrips	0.16 to 0.19 lb. (2.5 to 3.0 oz.)	Apply when eggs or insects first appear. Repeat application at 3 day spray intervals as necessary to maintain control*

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Plant bugs (Lygus)	$\frac{1}{4}$ to 1.0 lb. (4 to 16 oz.) AZ & CA: $\frac{3}{4}$ to 1.0 lb. (12 to 16 oz.)	Apply when eggs or insects first appear. Use the highest rate for Lygus adults that have migrated into cotton. For applications of 0.5 lb. a.i./acre or less, repeat at 3 day spray intervals as necessary to maintain control* For applications greater than 0.5 lb. a.i./acre, repeat at 7 day spray intervals as necessary to maintain control*
Fleahopper	$\frac{1}{4}$ lb. (4 oz.)	Apply when eggs or insects first appear. Repeat application at 3 day spray intervals as necessary to maintain control*
Cotton Aphid (excluding AZ & CA)	$\frac{1}{2}$ to 1.0 lb. (8 to 16 oz.)	This insect may develop resistance to various classes of insecticides. Consult your local Agricultural Extension Service for current control recommendations. For applications of 0.5 lb. a.i./acre, repeat at 3 day spray intervals as necessary to maintain control* For applications greater than 0.5 lb. a.i./acre, repeat at 7 day spray intervals as necessary to maintain control*
Whitefly (excluding Sweetpotato & Silverleaf Whitefly)	$\frac{1}{2}$ to 1.0 lb. (8 to 16 oz.)	For applications of 0.5 lb. a.i./acre, repeat at 3 day spray intervals as necessary to maintain control* For applications greater than 0.5 lb. a.i./acre, repeat at 7 day spray intervals as necessary to maintain control*
Armyworms (excluding Beet Armyworm) Cabbage Looper	1.0 lb. (16 oz.)	Apply when eggs appear and repeat at 7 day spray intervals*
Bollworm Tobacco Budworm (Adults, Larvae, Eggs) DEADHATCH®	East of Rockies: $\frac{1}{2}$ to 1.0 lb. (8 to 16 oz.) AZ & CA: 1.0 lb. (16 oz.)	Early Season: Use $\frac{1}{2}$ lb./A for light infestation. Mid and Late Season: Use $\frac{3}{4}$ to 1.0 lb./A for moderate to severe infestations. Apply when eggs appear and repeat at 3 day spray intervals for applications of 0.5 lb. a.i./acre and 7 day spray intervals for applications greater than 0.5 lb. a.i./acre. Moths of budworm larvae are controlled by direct contact with spray. Moth kill is most likely to occur when late evening applications are made. DEADHATCH®: Control of emerging larvae by consumption of treated egg casings.
Stinkbugs	$\frac{3}{4}$ lb. (12 oz.)	Apply when eggs appear and repeat at 7 day spray intervals*
Pink Bollworm (AZ & CA)	1.0 lb. (16 oz.)	Apply when insects appear and repeat at 7 day spray intervals*

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Cutworms	¼ lb. (12 oz.)	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 applications at 7 day spray intervals as necessary to maintain control*
USE RESTRICTIONS:		
<ul style="list-style-type: none"> *See restrictions applicable to all uses on cotton. Allow at least 21 days to elapse between final application and harvest. 		

COTTON TANK MIXES FOR FOLIAR APPLICATION

Ground Application: Apply in 10 to 25 gallons per acre by conventional ground equipment to ensure thorough coverage of the target crop.

Aerial Application: Make aerial applications in 3 to 10 gallons per acre (minimum of 5 gallons per acre in AZ and CA). Use sufficient carrier volume to provide thorough, uniform coverage.

RESTRICTIONS APPLICABLE TO ALL USES ON COTTON:

- 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 4.1 lbs./A (4 lbs. a.i.) per season. This includes all uses of ACEPHATE PRO 97 on cotton.
- For aerial application in California and Arizona, application is limited to 1.0 lb. a.i./acre. For all other areas of the U.S., application is limited to 0.75 lb. a.i./acre by air.

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.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 + TANK MIX PARTNER PER ACRE	APPLICATION INSTRUCTIONS
Sweetpotato Whitefly Silverleaf Whitefly	½ lb. (8 oz.) + DANITOL [®] 2.4 EC 8 to 16 fl. oz.	Apply when insects first appear or when damage is first noted and repeat applications at 3 day spray intervals as necessary to maintain control* Use a minimum application rate of 10 2/3 fl. oz./acre DANITOL [®] (0.2 lb. a.i./acre) in CA and AZ. Users should comply with all applicable directions, restrictions, and precautions on the EPA registered label for DANITOL [®] 2.4 EC spray.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 + TANK MIX PARTNER PER ACRE	APPLICATION INSTRUCTIONS
Armyworms (excluding Beet Armyworm) Bollworm Cabbage Looper Cotton Aphid Fleahoppers Grasshoppers Pink Bollworm Plant bugs (Lygus, Mirids) Salt Marsh Caterpillar Thrips Tobacco Budworm Whitefly (Excluding Sweetpotato and Silverleaf Whitefly)	$\frac{1}{4}$ to 1.0 lb. (4 to 16 oz.) + LORSBAN® 4E 1 to 2 pts.	Apply when insects first appear or when damage is first noted and repeat applications at 3 day spray intervals for applications of 0.5 lb. a.i./acre or less and 7 day spray intervals for applications greater than 0.5 lbs. a.i./acre as necessary to maintain control* User should comply with all applicable directions, restrictions, and precautions on the EPA registered label for LORSBAN® 4E.
Cutworms	$\frac{3}{4}$ lb. (12 oz.) + LORSBAN® 4E 1 to 2 pts.	Apply when insects first appear or when damage is first noted and repeat applications at 7 day spray intervals as necessary to maintain control* Control is most effective when ground application is made in the evenings and sprays are directed toward the base and lower portion of plant. Directed, ground application is most effective. Aerial applications are less effective, but may be used.
USE PRECAUTIONS: <ul style="list-style-type: none"> • Allow at least 21 days to elapse between final application and harvest. • *See restrictions applicable to all uses on cotton. 		

COTTON TANK MIXES WITH PYRETHROIDS FOR FOLIAR APPLICATIONS

Ground Application: Apply in 10 to 25 gallons per acre by conventional ground equipment to ensure thorough coverage of the target crop.

Aerial Application: Make aerial applications in 3 to 5 gallons per acre (minimum of 5 gallons per acre in AZ and CA). Use sufficient carrier volume to provide thorough, uniform coverage.

RESTRICTIONS APPLICABLE TO ALL USES ON COTTON:

- 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 4.1 lbs./A (4 lbs. a.i.) per season. This includes all uses of ACEPHATE PRO 97 on cotton.
- For aerial application in California and Arizona, application is limited to 1.0 lb. a.i./acre. For all other areas of the U.S., application is limited to 0.75 lb. a.i./acre by air.

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

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 + TANK MIX PARTNER PER ACRE	APPLICATION INSTRUCTIONS
Aphids Bollworm Cabbage Looper Cotton Leaf Perforator Fall Armyworm Fleahoppers Pink Bollworm (AZ & CA) Plant bugs Sweetpotato & Silverleaf Whitefly Thrips Tobacco Budworm Whiteflies	½ to 1.0 lb. (8 to 16 oz.) + AMMO [®] 2.5 EC (Follow label directions) or ASANA [®] XL (Follow label directions) or BAYTHROID [®] 2 EC (Follow label directions) or CAPTURE [®] 2 EC (Follow label directions) or KARATE [®] 1 E (Follow label directions) or SCOUT [®] X-TRA (Follow label directions)	Begin applications when eggs or insects first appear. Repeat applications 7 day spray intervals for applications greater than 0.5 lb. a.i./acre as necessary to maintain control*
Cutworms	¼ lb./A (12 oz.) + Any Synthetic Pyrethroid listed above	Control is most effective when ground applications are directed toward the base and lower portion of plant. Repeat at 7 day spray intervals as necessary to maintain control* Directed, ground applications are most effective. Aerial applications are less effective, but may be used.*
Stinkbugs	¼ lb./A (12 oz.) + Any Synthetic Pyrethroid listed above	Apply when eggs or insects first appear. Repeat applications at 7 day spray intervals as necessary to maintain control*
USE PRECAUTIONS: <ul style="list-style-type: none"> • *See restrictions applicable to all uses on cotton. • Allow at least 21 days to elapse between final application and harvest. 		

CRANBERRY

Ground Application: Apply with conventional ground equipment in sufficient water to ensure thorough coverage of the target crop.

Aerial Application: Make aerial applications in a minimum of 2 gallons per acre. Use sufficient carrier volume to provide thorough, uniform coverage.

Chemigation Application: 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.

GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH CHEMIGATION SYSTEMS

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 systems are in place.

- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, 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.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- **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 all nozzles 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 below.
- **Center Pivot Systems:** Inject the specified dosage per acre continuously for one complete revolution of the system. See Note below.

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 ensure 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.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
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PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Cranberry Blossomworm Cranberry Cutworm Gypsy Moth False Armyworm Fireworms Spanworms Sparganothis	1.0 lb. (16 oz.)	Apply when insects first appear*
USE PRECAUTIONS:		
<ul style="list-style-type: none"> *Limit to one application per growing season. Do not apply more than 1.0 lb. (1.0 lb. a.i.) per season. Allow at least 90 days to elapse between final application and harvest. Do not apply from start of bloom until all berries set. 		

HEAD LETTUCE
Crisphead Type Only

Ground Application: Apply in 10 to 60 gallons per acre by conventional ground equipment to ensure thorough coverage of the target crop.

Aerial Application: Make aerial applications in a minimum of 5 gallons per acre. Use sufficient carrier volume to provide thorough, uniform coverage.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Aster Leafhopper Green Peach Aphid	½ to 1.0 lb. (8 to 16 oz.)	Repeat application at 3 day spray intervals for applications of 0.5 lb. a.i./acre and 7 day spray intervals for applications greater than 0.5 lb. a.i./acre as necessary to maintain control*
Armyworm (excluding Beet Armyworm) Cabbage Looper	1.0 lb. (16 oz.)	
<ul style="list-style-type: none"> *Do not apply more than 2 1/8 lbs./A (2 lbs. a.i.) per season. Allow at least 21 days to elapse between final application and harvest. Do not feed trimmings to livestock or allow animals to graze on treated areas. For use on Spring, Summer, and early Fall crops in all areas; Winter crops in Florida and Texas; late Fall crops in Arizona; and Winter crops in Arizona and California. Do not apply after first head begins to form in crops which germinate from mid-September through November in desert areas of AZ & CA. 		

MINT - PEPPERMINT AND SPEARMINT

Ground Application: Apply in 20 to 100 gallons per acre by conventional ground equipment to ensure thorough coverage of the target crop.

Aerial Application: Make aerial applications in a minimum of 5 to 10 gallons per acre. Use sufficient carrier volume to provide thorough, uniform coverage.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
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PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Alfalfa Looper Aphids Cutworms	1.0 lb. (16 oz.)	Apply when eggs or insects first appear. If necessary, make one repeat application allowing 7 days between applications to maintain control*
Strawberry Root Weevil (Adult) Black Vine Weevil (Adult)	1.0 lb. (16 oz.)	For control, apply in water in a minimum of 40 gals. spray per acre by ground. Good spray coverage and canopy spray penetration is critical for control. Increase spray volume and pressure with tall or dense mint canopy. Apply after adult emergence is complete but prior to egg laying. Apply at dusk or during the night on a warm still evening. Two applications, 7 days apart may be necessary to reduce heavy infestations.

USE PRECAUTIONS:

- *Do not apply more than 2 1/8 lbs./A (2 lbs. a.i.) per season.
- Allow at least 14 days between final application and harvest.
- Do not graze treated areas.

PEANUTS

Ground Application: Make applications in 10 to 50 gallons per acre; ensure thorough coverage.

Aerial Application: Make aerial applications in 5 to 10 gallons per acre. Use sufficient carrier volume to provide thorough, uniform coverage.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Grasshoppers	¼ to ½ lb. (4 to 8 oz.)	Apply when eggs or insects first appear.
Thrips	3/8 to ¾ lb. (6 to 12 oz.)	Repeat applications at 3 day spray intervals for applications of 0.5 lb. a.i./acre or less and 7 day spray intervals for applications greater than 0.5 lb. a.i./acre as necessary to maintain control*.
Corn Earworm Fall Armyworm Leafhoppers Loopers Velvetbean Caterpillar	¾ to 1.0 lb. (12 to 16 oz.)	ACEPHATE PRO 97 can be tank mixed with registered at-cracking and early postemergence peanut herbicides provided: Products do not prohibit tank mixes; the most restrictive label limitations and precautions are observed; and no label dosage rates are exceeded. See NOTE below.

USE PRECAUTIONS:

- *Do not apply more than 4 1/8 lbs./A (4 lbs. a.i.) per season.
- Allow at least 14 days to elapse between final application and digging or lifting of peanuts.
- Do not feed treated forage or hay to livestock.
- Do not allow animals to graze on treated areas.

NOTE: 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.

19/40

When mixing wettable powder or dry flowable formulations, add and disperse these first, then add liquid pesticides. If there is any separation that cannot be readily remixed, the combination should not be used. Combinations should be kept agitated and should be applied immediately. Do not allow combinations to set for prolonged periods in the chemical supply tank or irrigation lines.

PEPPERS

BELL

Ground Application: Make applications in 25 to 150 gallons per acre by conventional ground equipment to ensure thorough coverage.

Aerial Application: Make aerial applications in a minimum of 3 gallons per acre (minimum of 5 gallons/acre in CA). Use sufficient carrier volume to provide thorough, uniform coverage.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Grasshoppers	¼ to ½ lb. (4 to 8 oz.)	Apply when eggs or insects first appear.
Cabbage Looper Green Peach Aphid Tobacco Hornworm	½ to 1.0 lb. (8 to 16 oz.)	Repeat application at 3 day spray intervals for applications of 0.5 lb. a.i./acre or less and 7 day spray intervals for applications greater than 0.5 lb. a.i./acre as necessary to maintain insect-pest populations below economically damaging numbers*
European Corn Borer	¾ to 1.0 lb. (12 to 16 oz.)	

USE PRECAUTIONS:

- *Do not apply more than 2 1/8 lbs./A (2 lbs. a.i.) per season.
- Allow at least 7 days to elapse between final application and harvest.

NON-BELL (For use only in Midwestern states, Eastern states, and Puerto Rico)

Ground Application: Make applications in 40 to 150 gallons per acre by conventional ground equipment to ensure thorough coverage.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Aphids	½ lb. (8 oz.)	Repeat at 3 day spray intervals as necessary*

USE PRECAUTIONS:

- *Do not apply more than 1.0 lb./A (1.0 lb. a.i.) per season.
- Allow at least 7 days to elapse between final application and harvest.

TOBACCO

TOBACCO TRANSPLANT WATER APPLICATION (Except CA)

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
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PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Cutworms Flea Beetle Green Peach Aphid Potato Tuberworm Tobacco Aphid Tobacco Thrips	$\frac{3}{4}$ lb. (12 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 PRO 97. Apply in a minimum of 100 gals. of transplant water per acre. Premix ACEPHATE PRO 97 in water to form a slurry solution prior to adding to the transplant water tank.
USE PRECAUTIONS:		
<ul style="list-style-type: none"> Do not apply more than 4 1/8 lbs./A (4 lbs. a.i.) per season. This includes the use of ACEPHATE PRO 97 in transplant water, plant bed, soil, float bed (greenhouse), and foliar applications. Do not apply more than $\frac{3}{4}$ lb. ACEPHATE PRO 97 per acre as a transplant water application as some phytotoxicity may occur. Transplant water applications should be made using mechanical transplant equipment only. Using such equipment, the insecticide/water mixture is mechanically applied directly into the soil along with the transplanted plants 		

TOBACCO FOLIAR APPLICATION (Except CA)

Ground Application: Make applications in 10 to 50 gallons per acre by conventional ground equipment to ensure thorough coverage.

Aerial Application: Make aerial applications in a minimum of 3 gallons per acre. Use sufficient carrier volume to provide thorough, uniform coverage.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Grasshoppers	$\frac{1}{4}$ to $\frac{1}{2}$ lb. (4 to 8 oz.)	Allow 3 days between applications for rates of 0.5 lb. a.i./acre or less and 7 days for rates greater than 0.5 lb. a.i./acre.*
Green Peach Aphid Flea Beetle Hornworm Tobacco Thrips	$\frac{1}{2}$ lb. (8 oz.)	Allow 7 days between applications.*
Stinkbugs Tobacco Aphid Vegetable Weevils	$\frac{1}{2}$ to $\frac{3}{4}$ lb. (8 to 12 oz.)	Allow 7 days between applications.*
Budworm Cabbage Looper Cutworm Japanese Beetle	$\frac{3}{4}$ lb. (12 oz.)	Allow 7 days between applications.*
USE PRECAUTIONS:		
<ul style="list-style-type: none"> *Do not apply more than 4 1/8 lbs./A (4 lbs. a.i.) per season. This includes the use of ACEPHATE PRO 97 in transplant water, plant bed, soil, float bed (greenhouse), and foliar applications. Allow at least 3 days to elapse between final application and harvest. 		

TOBACCO PLANT BED APPLICATION (Except CA)

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Cutworm Flea Beetle Green Peach Aphid Tobacco Aphid	¾ lb. (12 oz.)	Apply to foliage at the equivalent of ¼ tablespoon in 1 gal. of water per every 1,000 sq. ft. of bed. Allow 7 days between applications. Apply evenly to ensure thorough coverage.
USE PRECAUTIONS:		
<ul style="list-style-type: none"> Do not apply more than 4 1/8 lbs./A (4 lbs. a.i.) per season. This includes the use of ACEPHATE PRO 97 in transplant water, plant bed, soil, float bed (greenhouse), and foliar applications. 		

TOBACCO GREENHOUSE (FLOATBED) APPLICATION (Except CA)

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Cutworm Flea Beetle Green Peach Aphid Tobacco Aphid	¾ lb. (12 oz.)	Apply to foliage at the equivalent of ¼ tablespoon in 3 gals. of water per every 1,000 sq. ft. of bed. Allow 7 days between applications. Apply evenly to ensure thorough coverage.
USE PRECAUTIONS:		
<ul style="list-style-type: none"> Do not apply more than 4 1/8 lbs./A (4 lbs. a.i.) per season. This includes the use of ACEPHATE PRO 97 in transplant water, plant bed, soil, float bed (greenhouse), and foliar applications. Dispose of floatbed water in the transplanted field in either transplant water or foliar spray. 		

TOBACCO SOIL MOUND DRENCH APPLICATION (Except CA)

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Ants (Including Imported Fire Ant and Harvester Ant)	Mix ¾ oz. in 5 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.	Apply the solution 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.
USE PRECAUTIONS:		
<ul style="list-style-type: none"> Do not apply more than 4 1/8 lbs./A (4 lbs. a.i.) per season. This includes the use of ACEPHATE PRO 97 in transplant water, plant bed, soil, float bed (greenhouse), and foliar applications. Allow at least 3 days to elapse between final application and harvest. Treat a maximum of 13 mounds per acre. Do not treat more than once per season. 		

NON-BEARING CITRUS

(Newly Planted Groves) – Agricultural Settings ONLY

FOLIAR APPLICATIONS

Ground Application: Apply in 100 to 200 gallons per acre by conventional ground equipment to ensure thorough coverage of the target crop.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Aphids Grasshoppers Katydid Mealybugs Orangedog Plant bugs Thrips Whiteflies (except Sweetpotato and Silverleaf Whitefly)	½ lb. (8 oz.)	Apply at 3 day spray intervals as necessary to maintain control. 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*	½ to ¾ lb. (8 to 12 oz.)	Apply when eggs or insects first appear. Use the high rate when a heavy infestation is present. Repeat at 3 day spray intervals for applications of 0.5 lb. a.i./acre and 7 day spray intervals for applications greater than 0.5 lb. a.i./acre as necessary to maintain control.
Ants, including Imported Fire Ants and Harvester Ants*	¾ lb. (12 oz.)	Repeat application at 7 day spray intervals as necessary to maintain control.
USE PRECAUTIONS:		
<ul style="list-style-type: none"> • *Not registered in California for control of Citrus Blackfly and Harvester Ants. • Do not graze treated areas. • Do not harvest citrus for one year after treatments. 		

SOIL MOUND DRENCHES

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Ants, including Imported Fire Ants and Harvester Ants	¾ oz./5 gals.	Apply 1 gallon 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. Repeat application as necessary to maintain control.
USE PRECAUTIONS:		
<ul style="list-style-type: none"> • Do not graze treated areas. • Do not harvest citrus for one year after treatment. 		

NON-CROP AREAS

Non-Crop Areas (Field Borders, Fencerows, Roadsides, Ditchbanks and Borrow Pits)

Ground Application: Apply in 10 to 20 gallons per acre by conventional ground equipment to ensure thorough coverage.

Aerial Application: Make aerial applications in minimum of 1 to 5 gallons per acre (minimum 5 gallons/A in CA). Use sufficient carrier volume to provide thorough, uniform coverage.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Grasshoppers	¼ lb. (4 oz.)	For early to mid-season application. 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.
USE PRECAUTIONS:		
<ul style="list-style-type: none"> Do not graze or feed vegetation cut from treated areas. 		

WASTELAND

Ground Application: Make applications in 10 to 20 gallons per acre by conventional ground equipment to ensure thorough coverage.

Aerial Application: Make aerial applications in a minimum of ½ gallon per acre (minimum of 5 gallons/acre in CA). Use sufficient carrier volume to provide thorough, uniform coverage.

PESTS CONTROLLED	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION INSTRUCTIONS
Black Grass Bugs Grasshoppers Mormon Crickets	1.5 oz. to 2 oz.	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.
USE PRECAUTIONS:		
<ul style="list-style-type: none"> Do not make more than one application per season. Do not graze or feed vegetation cut from treated areas. 		

SPECIALTY USES

CROP TOLERANCE

ACEPHATE PRO 97 is generally not phytotoxic to most greenhouse or field grown plants or turf. However, it is impossible to test all plant varieties and cultural conditions. Before treating large plantings, apply to a representative group of plants and observe for two weeks to assure that a particular variety, grown under current conditions is not sensitive to ACEPHATE PRO 97.

Use on turfgrass is limited to sod farms and golf courses, except when applying by mound or spot treatment for fire ant and harvester ant control. Aerial application to turf is prohibited.

The following have been found to be sensitive to ACEPHATE PRO 97:

Trees: Balm of Gilead, Cottonwood, Lombardy, Poplar or Viburnum suspensum and Crabapple varieties, Ichonoski, Malusfioribunda, Pink Perfection, Red Wine and Snow Cloud.

Plants: Bletchum gibbum, Cissus antarctica, Ficus triangularis, Fittonia verschaffeltii, Marantha leuconeura kerchoveana, Pachystachya lutea, Plectranthus australis, Polypodium aureus, Polystichum, Pteris ensiformis, Tolmiea menziesii.

Chrysanthemum Varieties: Albatross, Bonnie Jean, Dixie, Garland, Gem, Iceberg, Pride, Showoff, Statesman, Tally Ho, Westward Ho and Wild Honey. Do not apply to Chrysanthemums and Roses with open flowers.

**SPECIALTY USES
SMALL SPRAY EQUIPMENT**

Preparation of ACEPHATE PRO 97 Spray Mix Using a 16 Ounce Measuring Cup		
Label Recommendation per Acre in 100 Gallons of Water	Equivalent Per Acre in 25 Gallons of Water	Equivalent Per Acre in 1 Gallon Water (Teaspoons/Gal)
0.25 lb. (¼ lb.)	1 oz.	1/3 tsp.
0.50 lb. (½ lb.)	2 oz.	2/3 tsp.
0.60 lb.	2.4 oz.	0.8 tsp.
0.75 lb. (¾ lb.)	3 oz.	1 tsp.
1.00 lb.	4 oz.	1 1/3 tsp.

NON-BEARING CITRUS

PLANTS	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Non-bearing citrus (including citrus nursery seedlings)	Aphids Grasshoppers Katydid Mealybugs Orangedogs Plant bugs (Lygus) Thrips Whiteflies	½ lb. (8 oz.)	Apply as needed for control of existing populations	Apply 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	½ to ¾ lb. (8 to 12 oz.)	Begin applications when eggs or adults first appear. Apply on a 7 to 10 day interval or as needed to maintain control. Use the high rate when a heavy infestation of Citrus Blackfly is present.	
Non-bearing citrus (including citrus nursery seedlings)	Ants (including Imported Fire Ants and Harvester Ants)	Foliar Spray ¾ lb. (12 oz.)	Apply as needed for control of existing populations.	

PLANTS	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER ACRE	APPLICATION TIMING	APPLICATION INSTRUCTIONS
		Mound Treatment – Drench Method	Mix ¾ oz. in 5 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.	

USE PRECAUTIONS:

- Do not allow livestock to graze treated areas.
- Do not harvest citrus for one year after treatment.

NURSERY STOCK**Non-Bearing Deciduous Fruit Trees, Nut Trees and Vines in Nursery Field or Non-Bearing Orchards**

Ground Application: Make applications in 50 to 100 gals. of water per acre in conventional equipment to ensure thorough coverage of the target plants.

Aerial Application: Apply in a minimum of 5 gals. of water per acre. Use sufficient carrier volume to provide thorough coverage.

PLANTS	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER 100 GALS.	APPLICATION TIMING
Nursery stock (non-bearing Deciduous Fruit Trees, Nut Trees, and Vines) Almond Apricot Apple Cherry Grape Kiwi Pear Pistachio Plum Prune Walnut	Aphids Plant Bugs (Lygus) Thrips	½ to 1 lb. (8 to 16 oz.)	Apply as needed for control of existing populations.

USE PRECAUTIONS:

- For application only to non-bearing trees and vines in nursery fields or in non-bearing orchards. Do not apply to interplants or single trees in a bearing orchard.
- Do not harvest any fruit from sprayed trees for one year following last application.
- Do not allow livestock to graze treated area.

SPECIALTY USES – NON CROP AREAS

CROP	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER 100 GALS.	USE PRECAUTIONS
Non-crop areas (field borders, fencerows, roadsides, ditchbanks, and borrow pits)	Grasshoppers	¼ lb. (4 oz.)	<p>For early to mid-season application to grasshoppers in field borders, fencerows, roadsides, ditchbanks, and borrow pits.</p> <p>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.</p> <p>Do not graze or feed vegetation cut from treated areas.</p>
	Ants (including Imported Fire Ants and Harvester Ants)	Mound Treatment – Drench Method: Mix ¾ oz. in 5 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.	<p>Treat in the early morning or late afternoon when the ants are most active.</p> <p>Applications made under prolonged hot and dry conditions may be ineffective due to the locations of the ants deep within the nest.</p> <p>Grass in the treated area may be injured.</p> <p>Do not treat mound more than once per season.</p>

CONTAINER GROWN NURSERY STOCK, ORNAMENTAL TREES, AND SHRUBS

When ACEPHATE PRO 97 is used on greenhouse and outdoor ornamentals, application is limited to 1.0 lb. a.i./acre per 100 gallons of water (not to exceed 0.75 lb. a.i./acre for cut flowers and 1.0 lb. a.i./acre for all other ornamentals).

PLANTS	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS	USE PRECAUTIONS
Container Grown Nursery Stock (Arborvitae Azalea Camellia Rhododendron Roses Viburnum Yew)	Black Vine Weevil	¾ lb. (12 oz.)	Application should be made by mid-September for greenhouse stock and by mid-October for outdoor stock. Consult your local county extension agent for information on the identification and control of root weevils on ornamentals.	Apply the specified amount of ACEPHATE PRO 97 spray per 100 gallons of solution so as to thoroughly drench the root system.	
	Strawberry Root Weevil				
	Ants (including Imported Fire Ants and Harvester Ants)	¾ lb. (12 oz.)	Apply as needed to control the pest.		

CONTAINER GROWN NURSERY STOCK, ORNAMENTAL TREES, AND SHRUBS (Cont'd)

PLANTS	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Trees and Shrubs except Flowering Crabapple (see below)	Aphids Bagworms Birch Leafminer Lace Bugs Leafrollers Tent Caterpillar*	¼ lb. (4 oz.)	As the insects begin to appear.	Apply the specified amount of ACEPHATE PRO 97 in 100 gallons of water with a hydraulic sprayer as a full coverage spray. *Mist Blower Application: Adjust rates to 1.0 lb. per 100 gallons of water for Gypsy Moth control and ¾ lb. per 100 gallons of water for Tent Caterpillar control. The addition of a suitable sticker improves control of Gypsy Moth larvae.
	Douglas Fir Tussock Moth Larvae Gypsy Moth Larvae* Webworms	½ lb. (8 oz.)	As the insects begin to appear.	
	Scales (crawlers)	½ lb. (8 oz.)	As crawlers begin to appear. Repeat applications at a 2-week or more interval may be necessary where there is continuous crawler production.	
	Ponderosa Pine Needle Miner	½ lb. (8 oz.)	Application timing is important. Consult your Farm Advisor or County Extension Agent.	
	Grasshoppers	½ lb. (8 oz.)	As the grasshoppers begin to appear.	
	California Oakworm Cankerworms (Spring & Fall)	¼ to ½ lb. (4 to 8 oz.)	As the insects begin to appear. Use the higher rate when larger larvae are present.	

CONTAINER GROWN NURSERY STOCK, ORNAMENTAL TREES, AND SHRUBS (Cont'd)

PLANTS	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Trees and Shrubs except Flowering Crabapple (see below)	Nantucket Pine Tip Moth Larvae	¼ lb. (12 oz.)	Application timing is important. Consult your farm advisor or County Extension Agent. Repeat applications will be required for subsequent generations.	Apply the specified amount of ACEPHATE PRO 97 in 100 gals. of water with a hydraulic sprayer as a full coverage spray.
	Root Weevil Adults	¼ lb. (12 oz.)	Make applications when first feeding damage occurs. Repeat applications at four-week intervals until the first heavy frost may be necessary for complete foliage protection.	
	Box Elder Bugs Budworms Leafhoppers Sawflies	¼ lb. (12 oz.)	As the insects begin to appear.	
	Japanese Beetle	1.0 lb. (16 oz.)	As the Japanese Beetles begin to appear. Repeat applications at 2 week intervals may be necessary.	
	Elm Leaf Beetle Larvae	1.0 lb. (16 oz.)	As the larvae begin to appear. ACEPHATE PRO 97 will not prevent Elm Leaf Beetle eggs from hatching.	

USE PRECAUTIONS:

- Do not apply more than 3 times in a growing season to trees and shrubs at a 4-week interval.
- Refer to Crop Tolerance Statement.

CONTAINER GROWN NURSERY STOCK, ORNAMENTAL TREES, AND SHRUBS (Cont'd)

PLANTS	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Douglas Fir Christmas Trees	Douglas Fir Needle Midge	½ lb. (8 oz.) (½ lb. per acre)	Make applications no more than 2 weeks prior to bud burst. For additional pest management information, consult your County Extension Agent.	Apply the specified amount of ACEPHATE PRO 97 in not less than 2 gallons of spray per acre by air or in 100 gallons of spray per acre by ground.
Flowering Crabapple	Aphids Leafrollers Tent Caterpillars	¼ lb. (4 oz.)	As the insects begin to appear.	Apply the specified amount of ACEPHATE PRO 97 in 100 gallons of water with a hydraulic sprayer.
Crape Myrtle	Aphids	2 to 3 level Tsp. (0.6 to 0.8 oz.) per Tbsp. water as a paint on application	As aphids begin to appear.	Make a paint-on slurry by mixing the specified amount of ACEPHATE PRO 97 with 1 tablespoon of water. Remove the loose bark from the trunk areas to be treated. Completely paint a band around each trunk to a width twice its diameter. Application should be made to trunks within a zone 6 to 12 inches above the ground and below the point where branching begins. For multi-trunk plants, be certain to treat all trunks. For either single or multi-trunk plants, application should be made as low as possible within the recommended treatment zone.

USE PRECAUTIONS:

- Do not apply more than 3 times in a growing season at a 4-week interval.
- Phytotoxicity has occurred on the following Crabapple varieties: Hops, Ichonoski, Malus floribunda, Pink Perfection, Red Wine and Snow Cloud.

COMMERCIAL TURFGRASS: GOLF COURSES AND SOD FARMS 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. Aerial application to turf is prohibited. Wait at least 3 days following the last ACEPHATE PRO 97 application prior to harvesting sod.

The maximum application rate is 3 lbs. a.i./acre for sod farms and 4 lbs. a.i./acre for golf courses.

PLANTS	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER 1000 SQ. FT.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Turfgrass (Golf Courses and Sod Farms only)	Fall Armyworm Yellow Striped Armyworm Southern Armyworm	0.4 to 0.9 oz. (1 to 2 ½ lbs. per acre)	As the insects appear. A repeat application at 2 week intervals may be necessary.	Apply the specified amount of ACEPHATE PRO 97 per 1,000 sq. ft. Use a minimum of 5 gallons of water per 1,000 sq. ft. to obtain good coverage.
	Cutworm	0.9 to 1.4 oz. (2 ½ to 4 lbs. per acre)		
	Chinch Bugs	0.9 to 1.4 oz. (2 ½ to 4 lbs. per acre)	Apply as needed for adult population knockdown (10 to 14 days)	Apply the specified amount of ACEPHATE PRO 97 per 1,000 sq. ft. Use 1 to 15 gallons of water per 1,000 sq. ft. to obtain good coverage.
	Fleas	0.9 to 1.4 oz. (2 ½ to 4 lbs. per acre)	Apply as needed for knockdown (7 to 10 days) only on existing adult populations.	
	Leafhopper	¾ oz. (2 lbs. per acre)	As the leafhoppers begin to appear. A repeat application at 1 week intervals may be necessary.	

PLANTS	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER 1000 SQ. FT.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
	Mole Crickets (except CA) Spittlebug (except CA)	0.8 to 1.4 oz. (2 to 4 lbs. per acre)	As mole crickets begin to appear. For knockdown of existing populations, more than one application may be required throughout the growing season. For heavy infestations, use higher dosage rate.	Apply the specified amount of ACEPHATE PRO 97 per 1,000 sq. ft. Use 1 to 15 gallons of water per 1,000 sq. ft. to obtain good coverage. Apply during late afternoon or early evening hours and after irrigation. Do not irrigate after application. 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 Myrt Products Manufacturer-Base Pure Lemon Fragrance. The use rate for these lemon-scented products is 2 tsp. per gallon of water for small total mix volume or 6 fl. oz. per 50 gallons of water for large mix volume.

PLANTS	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Turfgrass (Golf Courses and Sod Farms only)	Sod Webworm (<i>Crambus</i> spp.)	0.4 to 0.8 oz. (1 to 2 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 needed. Do not repeat at more than 1 week intervals.	Apply the specified amount of ACEPHATE PRO 97 per 1,000 sq. ft. Use 1 to 15 gallons of water per 1,000 sq. ft. to obtain good coverage.
	Greenbug (<i>Shizaphis graminum</i>) Grasshoppers	0.4 oz. (1.0 lb. per acre)	Apply when insects or their damage first appear. Repeat as necessary. Application is not to be repeated at more than 1-week intervals.	Apply the specified amount of ACEPHATE PRO 97 per 1,000 sq. ft. Use 4 gallons 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)	0.9 to 1.4 oz. (3.1 to 3.9 lbs. per acre)	Apply when insects or their damage first appear.	Apply the specified amount of ACEPHATE PRO 97 per 1,000 sq. ft. Use a minimum of 5 gallons of 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	0.8 to 1.4 oz. (2 to 3.9 lbs. per acre)	As the insects appear. Repeat at 2-week intervals as necessary.	Apply the specified amount of ACEPHATE PRO 97 per 1,000 sq. ft. Use a minimum of 15 gallons 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	AMOUNT OF ACEPHATE PRO 97 PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Turfgrass and Non- Crop Areas	Imported Fire Ants	Mound Treatment – Drench Method: Mix ¾ oz. in 5 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 solution 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 PRO 97 as directed. Grass in treated areas may be injured. Do not treat mound more than once per season.

OUTDOOR AND PERIMETER SPRAY (EXCLUDING RESIDENTIAL TURF)

LOCATION	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER GALLON	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Outdoor and Perimeter area (excluding residential turf)	Wasps	1.2 oz.	Treat early or late in the day as wasps are generally less active during these times.	Apply the specified amount of ACEPHATE PRO 97 per each gallon of water used. Apply as a spot treatment to the nest, nest entrance and surrounding areas where the wasps alight.
	Ants (including Imported Fire Ants), Crickets Cockroaches Earwigs Pillbugs	1.2 oz.	As the insects appear.	Apply the specified amount of ACEPHATE PRO 97 per each gallon of water used. Apply to a band of soil 6 to 10 feet adjacent to the structure and to a height of 2 to 3 feet on the foundation where pests may be active or may find entrance. Also apply as a residual spray or with a paint brush to surfaces of buildings, window frames, shutters, entry-ways, screens, eaves, patios, garages, carports, around garbage areas and other areas where these pests congregate.

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OUTDOOR FLORAL CROPS AND GROUND COVERS

When ACEPHATE PRO 97 is used on greenhouse and outdoor ornamentals, application is limited to 1.0 lb. a.i./acre per 100 gallons of water (not to exceed 0.75 lb. a.i./acre for cut flowers and 1.0 lb. a.i./acre for all other ornamentals).

PLANTS	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Chrysanthemums Daisies Dahlias Easter Lily Gladioli Gypsophila Pachysandra Peony Roses Sedum Statice Strawflower Yarrow Zinnia	Aphids Lygus Thrips	½ lb. (8 oz.)	As insects begin to appear. Repeat applications may be necessary.	Apply the specified amount of ACEPHATE PRO 97 in 100 gals. of water with a hydraulic sprayer as a full coverage spray.
Boston Ivy Roses	Japanese Beetle	1 lb. (16 oz.)	As the Japanese Beetle begin to appear. Repeat applications at 2 week intervals may be necessary.	

USE PRECAUTIONS:

- Multiple applications may cause slight tip burn or marginal leaf necrosis on some varieties.
- Test on a few plants to determine varietal susceptibility.

GREENHOUSE FLORAL AND FOLIAGE PLANT CROPS

When ACEPHATE PRO 97 is used on greenhouse and outdoor ornamentals, application is limited to 1.0 lb. a.i./acre per 100 gallons of water (not to exceed 0.75 lb. a.i./acre for cut flowers and 1.0 lb. a.i./acre for all other ornamentals).

PLANTS	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Roses	Leafrollers	½ to ¾ lb. (8 to 12 oz.)	As leafrollers begin to appear. Use the higher amount when large larvae are present.	Apply the specified amount of ACEPHATE PRO 97 in 100 gals. of water with a hydraulic sprayer as a full coverage spray.
USE PRECAUTIONS: <ul style="list-style-type: none"> • Do not apply to open flowers. 				

GREENHOUSE FLORAL AND FOLIAGE PLANT CROPS (Cont'd)

PLANTS	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Foliage Plants Anthuriums Cacti Orchids Poinsettia	Aphids	¼ lb. (4 oz.)	As aphids begin to appear.	Apply the specified amount of ACEPHATE PRO 97 in 100 gals. of water with a hydraulic sprayer as a full coverage spray. The addition of a wetting agent may be required on difficult to wet foliage.
	Mealybugs Thrips Whiteflies	½ lb. (8 oz.)	As the insects begin to appear. A repeat application at a 2-week interval may be necessary for control of mealybugs and whiteflies.	
	Scales (Crawlers)	½ lb. (8 oz.)	As crawlers begin to appear. Repeat applications at a 2-week or more interval may be required where there is continuous crawler production.	
	Sweetpotato/ Silverleaf Whiteflies (except CA)	¼ lb. (4 oz.) + TAME® 2.4 EC 10 2/3 fl. oz. (0.2 lb. a.i.)	Apply when insects first appear. If a population is well established, make one application of the tank mix and follow 5 to 7 days later with TAME® alone at 16 fl. oz./100 gals. See TAME® label for instructions.	

USE PRECAUTIONS:

- Phytotoxicity has occurred on the following plants: *Blechnum gibbum*, *Cissus antarctica*, *Ficus triangularis*, *Fittonia verschaffeltii*, *Maranta leuconeura kerchoveana*, *Pachystachya lutea*, *Plectranthus australis*, *Polypodium aureus*, *Polystichum*, *Pteris ensiformis*, *Tolmiea menziesii*.
- Before treating large plantings, spray only a few plants and observe 2 weeks for varietal phytotoxicity.
- Application to poinsettias after bract formation may result in phytotoxicity on certain varieties.

GREENHOUSE FLORAL AND FOLIAGE PLANT CROPS (Cont'd)

PLANTS	INSECTS	AMOUNT OF ACEPHATE PRO 97 PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Carnations Chrysanthemums Roses	Aphids Thrips	½ lb. (8 oz.)	As aphids begin to appear. As thrips begin to appear or at the tight flower bud stage. Repeat applications may be necessary.	Apply the specified amount of ACEPHATE PRO 97 in 100 gallons of water with a hydraulic sprayer as a full coverage spray.

USE PRECAUTIONS:

- Do not apply more than once every 28 days.
- Phytotoxicity has occurred on the following Chrysanthemum varieties: Albatross, Bonnie Jean, Dixie, Garland, Gem, Iceberg Pride, Showoff, Statesman, Tally-Ho, Westward-Ho & Wild Honey.
- Before treating large Chrysanthemum plantings, spray only a few plants and observe two weeks for varietal phytotoxicity. Do not apply to Chrysanthemums and roses with open flowers.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container in a cool, dry location. Protect from excessive heat. Do not put concentrate or dilute into food or drink containers.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

[Note to reviewer – only the Container Disposal language applicable to the type of packaging (i.e., either plastic bag or fiber canister will appear on the final product label. Bracketed text will not appear on the final product label]

CONTAINER DISPOSAL:

[Plastic Bag]: Completely empty bag into application equipment. Then dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[Fiber Canister]: Completely empty canister into application equipment. Then dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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