



79676-62

10-22-2007

1/41

	<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>Office of Pesticide Programs</b> <b>Registration Division (7505P)</b> <b>Ariel Rios Building</b> <b>1200 Pennsylvania Ave., NW</b> <b>Washington, D.C. 20460</b>	EPA Reg. Number: <b>79676-62</b>	Date of Issuance:  <b>OCT 22 2007</b>
		Term of Issuance:	
		Name of Pesticide Product: <b>Acephate E-AG 75 WSP</b> <b>Insecticide</b>	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA, as amended)			
Name and Address of Registrant (include ZIP Code): <b>Etigra</b> <b>501 Cascade Pointe Lane, Suite 103</b> <b>Cary, NC 27513</b>			
<b>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.</b>			
<p>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.</p> <p>This product is registered in accordance with FIFRA sec. 3(c)(5) provided that you make the following label corrections and submit one copy of the revised finished printed label incorporating these corrections before the product is released for shipment:</p> <ol style="list-style-type: none"><li>1. Add the designation EPA Reg. No. 79676-62.</li><li>2. The equivalents tables (page 5) must be expanded or the use directions revised for certain uses to reflect the use of the water soluble package (WSP) product. You may wish to consider a smaller size package in addition to the 2 lb package cited in your application to more easily accommodate the smaller application rates.</li></ol> <p>These label revisions are needed in order to provide the user with the equivalent amount of formulated product in terms of the amount contained in each individual 2 lb water soluble package. Please be aware that the water soluble packages are not to be opened for removal of a small amount of product. To do so would defeat the purpose of the WSP as a risk reduction measure.</p>			
Signature of Approving Official:  		Date:  <b>OCT 22 2007</b>	

2/41

The equivalents tables on the submitted label for the 2 lb WSP provide for the following rates in terms of amount of product per acre: 1 1/3, 2 2/3, and 6 2/3, the later of which does not appear on the label and, as such is to be removed from the table. There are no provisions in the table for several other rates appearing on the label; i.e. 1/3, 2/3, 1, 1/2, 1/8, 1/6, 3/4 and 1/4 lbs product per acre and 3-4 oz. product per acre.

3. Make the correction cited below to each of the use tables having repeat application instructions.

Footnote the instructions for repeat applications to the maximum seasonal rate for the crop. For example, the repeat application instructions for beans (page 6) would then appear as cited below. Other use tables to be corrected in this fashion include Brussels sprouts & cauliflower; celery; cotton; head lettuce; peanuts; peppers; and tobacco.

“\_\_ repeat at 7-day spray intervals as necessary to maintain control.\*”

“\* Do not apply more than 2 2/3 lbs./A (2 lbs.a.i.) per season.”

4. Correct the preharvest interval for lima beans (page 6) to 1 day to be consistent with the 24 hour reentry interval.

5. Add the text “This includes all uses on cotton.” to the maximum seasonal rate restrictions for cotton (pages 9, 11, 13 and 14).

6. Correct the advisory language appearing on page 13 in the cotton tank mix tables (“User should comply with all \_\_”) to mandatory language; i.e. “Comply with all \_\_” or “Follow all \_\_”.

7. Correct the spelling of “or” to “for” on page 13 (“A maximum of 1.0 lb. a.i. for aerial application in CA and AZ\_\_.”)

8. The efficacy label claims must be revised as described below. Please refer to item one of our letter dated October 4, 2007.

The ant mound treatment claims must be revised to read as follows with the exception of the mound treatment on turf (other than golf course and sod farm): ants (excluding carpenter and pharaoh). As specified in the acephate RED, the use of acephate on turf other than golf course and sod farm is limited to fire and harvester ant mound treatment. Accordingly, the ant mound claim for non-bearing citrus (page 22) must be revised to exclude carpenter and pharaoh ants.

9. Revise the amount column heading for the tobacco soil mound treatment (page 21) to one that is more appropriate for the use such as the following: Amount of acephate E-AG 75 WSP Insecticide. The current text (Amount of acephate E-AG 75 WSP Insecticide per acre) with the instructions to mix 2 lbs product in 160 gals of water is interpreted as allowing 2 lbs of product (1.5 lbs a.i.) per acre. This rate would exceed the section 3 registered rate for use on tobacco (0.75 lb a.i. per acre).

10. Correct the language in the use precaution statement on page 37 ("Do not apply to Chrysanthemums and roses with open flowers.") from mandatory to advisory. Refer to PR Notice 2000-5 for guidance in revising your advisory statements. For example: The sentence would then be revised to read something like "Application to Chrysanthemums and roses with open flowers may result in flower damage." or "Etigra does not recommend that application be made to Chrysanthemums and roses with open flowers."

11. Correct the heading "Greenhouse Floral and Foliage Plant Crops" (pages 36 and 37) to read as follows: "Commercial Greenhouse Floral and Foliage Plant Crops."

12. Relocate the Storage and disposal statement ("Open dumping is prohibited.") to the more appropriate location under the subheading "PESTICIDE DISPOSAL."

13. Add the headings "golf course" and "sod farms" to the appropriate "amount" columns in the turf table (page 30).

14. Correct the "amount" heading in the turf and perimeter spray tables by removing the text "per 100 gals." and "per gallon" since the amount of product is per 160 gallons in one instance and per 5 gallons in the other instance.

As specified in our previous letter of October 4, 2007, a change in the producer/repackager may trigger the minimum product chemistry data requirements specified in our previous letter of September 13, 2007. Consequently, such a change must be submitted as a formal amendment to the registration.

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

4/41

# Acephate E-AG 75 WSP Insecticide

<b>ACTIVE INGREDIENT:</b>	<b>By Wt.</b>
Acephate: (O,S-Dimethyl acetylphosphoramidothioate) .....	75.0%
<b>OTHER INGREDIENTS:</b> .....	25.0%
<b>TOTAL:</b> .....	100.0%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**PRECAUCION**

<b>FIRST AID</b>	
Contains an organophosphate that inhibits cholinesterase.	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes:</b>	<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>
<b>If on skin or clothing:</b>	<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>
<b>If inhaled:</b>	<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>
<b>HOT LINE NUMBER</b>	
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.	
<b>NOTE TO PHYSICIAN</b>	
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.

**See inside label booklet for additional PRECAUTIONARY STATEMENTS**

**EPA Reg. No. 79676-**

**EPA Est. No.**

Manufactured for:  
Etigra  
501 Cascade Pointe Lane, Ste. 103  
Cary, NC 27513  
www.etigra.com

Acephate E-AG 75 WSP Insecticide  
contains acephate, the active ingredient used  
in Orthene®.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
OCT 22 2007  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
As amended, for the pesticide  
Registered under EPA Reg. No.  
79676-62

**Net Weight:**

5/41

**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 listed below. 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 using engineering controls must wear:**

- Long-sleeved shirt and long pants
- Socks and shoes
- Chemical-resistant gloves made of any water-proof material such as polyethylene or polyvinyl chloride for all mixers and loaders and for applicators using hand-held applicator equipment.

In addition, 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.

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 exist, 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/PPE 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.

**ENGINEERING CONTROLS**

Water-soluble packets when used correctly qualify as a closed mixing/loading system under the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(4)]. Mixers and loaders using water-soluble packets must:

- Wear the personal protective equipment required above for mixers/loaders, and
- Be provided, must have immediately available and must use in an emergency, such as a broken package, spill, or equipment breakdown, the following PPE: coveralls, chemical-resistant footwear and 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, and HE filter.

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.

6/41

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds. 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.

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.

---

## 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
- Waterproof gloves
- 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.

## CHEMIGATION

Applications to cranberries can be made only by sprinkler irrigation systems. For every other use on this label, do not apply this product through any type of irrigation system.

## GENERAL USE INFORMATION

Acephate E-AG 75 WSP Insecticide is an insecticide for control of pests on selected agricultural crops and in certain non-crop areas. The active ingredient in Acephate E-PRO 75 WSP Insecticide 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 E-AG 75 WSP Insecticide through ingestion than by contact. Application of Acephate E-AG 75 WSP Insecticide to maintain control should be repeated only as directed.

7/41

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

**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.

**RESTRICTIONS**

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 when grown for commercial use. The use of low-pressure hand wand equipment for perimeter or wasp treatments is prohibited.

Acephate E-AG 75 WSP Insecticide is not for indoor residential use.

For greenhouse use, use is limited to commercial greenhouses for use on tobacco (floatbed), and ornamental, floral and foliage plants.

For use on turf, use is limited to sod farms and golf courses, except when applying to mound or spot treatment for fire ant and harvester ant control.

**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 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.

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.

---

## WATER SOLUBLE PACKAGING

---

8/41

**MULTIPLE PACKAGING:** This bag contains multiple water soluble packets of Acephate E-AG 75 WSP Insecticide. Do not handle the packets with wet gloves or allow the packets to become wet prior to adding to the spray tank. Do not break the packets open. Refer to the TABLE OF EQUIVALENTS to calculate the number of packets to be used. If all packets are not used, close and reseal outer container to protect remaining packets.

### MIXING AND COMPATIBILITY

Drop unopened required number of water soluble packets into a spray tank with at least  $\frac{1}{2}$  the total necessary amount of water for the application. Start agitator and add the remaining desired amount of water, directing it at the packets to aid in the dissolving process. Do not add any tank mix partners (liquid fertilizers, micronutrients or adjuvants) until after the packets have completely dissolved.

The water soluble packets should dissolve in about 5 minutes. Dissolving time may be slowed by insufficient agitation, cold water temperature, or by mixing it in water with a high concentration of sulfur or boron.

---

**TABLE OF EQUIVALENTS FOR 2 LB. PACKET**

---

Rate of Acephate E-AG 75 WSP Insecticide per 100 gallons water	Number of gallons water per 2 lb. packet
1/3 lb.	600
2/3 lb.	300
1 lb.	200
1 1/3 lbs.	150

Rate of Acephate E-AG 75 WSP Insecticide		Treatment area per 2 lb. packet	
Per Acre	Per 1000 sq. ft.	Acres	Sq. Ft.
1 1/3 lbs.	0.5 oz.	1.50	64,000
2 2/3 lbs.	1.0 oz.	0.75	32,000
6 2/3 lbs.	2.5 oz.	0.30	12,800



9/41

**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 E-AG 75 WSP Insecticide in a minimum of 2 gallons per acre. Use sufficient carrier volume to provide thorough, uniform coverage.

PESTS CONTROLLED	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Fleahoppers Grasshoppers	1/3 to 2/3 lb.	Apply when eggs or insects first appear.
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/Silverleaf Whitefly)	2/3 to 1 1/3 lbs.	For applications of 2/3 lb. of Acephate E-AG 75 WSP Insecticide or less, repeat at 3 day spray intervals as necessary to maintain control.  For applications greater than 2/3 lb. of Acephate E-AG 75 WSP Insecticide, 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	1 to 1 1/3 lbs.	
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 2 2/3 lbs./A (2 lbs. a.i.) per season.</li> <li>Snap beans – succulent or dry beans: Allow at least 1 day between final application and harvest.</li> <li>Lima beans – succulent form: Applications may be made up to and including the day of harvest.</li> <li>Do not feed treated vines to livestock.</li> </ul>		

10/41

## 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 E-AG 75 WSP Insecticide in a minimum of 5 gallons per acre. Use sufficient carrier volume to provide thorough, uniform coverage.

PESTS CONTROLLED	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Green Peach Aphid	2/3 to 1 1/3 lbs.	Apply when eggs or insects first appear.
Cabbage Looper Diamondback moth larvae Imported Cabbage Worm	1 1/3 lbs.	For applications of 2/3 lb. of Acephate E-AG 75 WSP Insecticide or less, repeat at 3 day spray intervals as necessary to maintain control.  For applications greater than 2/3 lb. of Acephate E-AG 75 WSP Insecticide, repeat at 7 day spray intervals as necessary to maintain control.  Use the high rate when heavy infestations of aphids are present.  <b>Diamondback Moth Larvae:</b> 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.
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 2 2/3 lbs./A (2 lbs. a.i.) per crop cycle.</li> <li>Allow at least 14 days between final application and harvest.</li> <li>Do not feed trimmings to livestock or allow animals to graze in treated areas.</li> </ul>		

11/41

## 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 E-AG 75 WSP Insecticide in a minimum of 5 gallons per acre. Use sufficient carrier volume to provide thorough, uniform coverage.

PESTS CONTROLLED	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Green Peach Aphid	2/3 to 1 1/3 lbs.	Apply when eggs or insects first appear.
Cabbage Looper Fall Armyworms	1 1/3 lbs.	For applications of 2/3 lb. of Acephate E-AG 75 WSP Insecticide or less, repeat at 3 day spray intervals as necessary to maintain control.  For applications greater than 2/3 lb. of Acephate E-AG 75 WSP Insecticide, repeat at 7 day spray intervals as necessary to maintain control.
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 2 2/3 lbs./A (2 lbs. a.i.) per season.</li> <li>Allow at least 21 days between final application and harvest.</li> <li>All celery must be trimmed (tops removed) before shipment for use. Do not use trimmed tops for food or feed.</li> </ul>		

## COTTON

### RESTRICTIONS APPLICABLE TO ALL USES ON COTTON:

- Do not feed treated forage or gin trash to livestock.
- Do not allow animals to graze on treated areas.
- Do not apply more than 5 1/3 lbs./A (4 lbs. a.i.) per season. This includes all uses of Acephate E-AG 75 WSP Insecticide on cotton.

### 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.

**COTTON IN-FURROW APPLICATION**

12/41

PESTS CONTROLLED	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Aphids (Excluding Cotton Aphids in AZ & CA) Black (Greasy) Cutworm (Except CA) Thrips (including Western Flower Thrips)	2/3 to 1 1/3 lbs.  NOTE: For the Blacklands of Texas, use 1 1/3 lbs./A.	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 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 E-AG 75 WSP Insecticide can be mixed with fungicides that are sprayed in- furrow for disease control.
Do not apply more than 5 1/3 lbs./A (4 lbs. a.i.) per season.		

## 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:** A maximum of 1.0 lb a.i./A for aerial application in CA and AZ and 0.75 lb a.i./A for all other areas of the U.S. Make applications of Acephate E-AG 75 WSP 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.

13/41

PESTS CONTROLLED	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Thrips (including Western Flower Thrips)	<b>Ground and Air:</b> 3 to 4 oz.	Apply when eggs or insects first appear.
Plant bugs (Lygus)	<b>Ground and Air:</b> 1/3 to 1 lbs. (East of the Rockies) 1 to 1 1/3 lbs. (AZ & CA)	For applications of 2/3 lb. of Acephate E-AG 75 WSP Insecticide or less, repeat at 3 day spray intervals as necessary to maintain control.  For applications greater than 2/3 lb. of Acephate E-AG 75 WSP Insecticide, repeat at 7 day spray intervals as necessary to maintain control.
Fleahopper	<b>Ground and Air:</b> 1/3 lb.	<b>Lygus:</b> The higher rate is needed for lygus adults that have migrated to cotton.
Cotton Aphid (excluding CA & AZ)	<b>Ground:</b> 2/3 to 1 1/3 lbs.  <b>Air:</b> 2/3 to 1 lb.	<b>Cotton Aphid:</b> This insect may develop resistance to various classes of insecticides. Consult your local Agricultural Extension Service for current control recommendations.
Whitefly (excluding Sweetpotato & Silverleaf Whitefly)	<b>Ground:</b> 2/3 to 1 1/3 lbs.  <b>Air:</b> 2/3 to 1 lb. (East of the Rockies) 2/3 to 1 1/3 lbs. (CA & AZ)	<b>Armyworms &amp; Cabbage Looper:</b> Apply when eggs appear.
Armyworms (excluding Beet Armyworm) Cabbage Looper	<b>Ground:</b> 1 1/3 lbs.  <b>Air:</b> 1 lb. (East of the Rockies) 1 1/3 lbs. (CA & AZ)	<b>Bollworm and Tobacco Budworm:</b> For low infestation, apply 2/3 lb./A. For moderate to high infestations during mid-late season, apply 1 to 1 1/3 lbs./A by ground (1 1/3 lbs./A by air in CA & AZ). Apply when eggs appear.
Bollworm Tobacco Budworm (Adults, Larvae, Eggs) DEADHATCH®	<b>Ground:</b> 2/3 to 1 1/3 lbs (East of Rockies) 1 1/3 lbs. (CA & AZ)  <b>Air:</b> 2/3 to 1 lb. (East of the Rockies) 1 1/3 lbs. (CA & AZ)	Adult/Larvae: Moths of budworm larvae are controlled by direct contact with spray. Moth kill is most likely to occur when late evening applications are made.
Stink bugs	<b>Ground and Air:</b> 1 lb.	DEADHATCH®: Control of emerging larvae by consumption of treated egg casings. Apply when eggs appear and repeat at 7 day spray intervals*
Pink Bollworm (CA & AZ)	<b>Ground and Air:</b> 1 1/3 lbs.	<b>Pink Bollworm:</b> Apply when insects appear. <b>Cutworms:</b> Ground application is recommended. Aerial applications are less effective, but may be used.*
Cutworms	<b>Ground and Air:</b> 1 lb.	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*

14/41

PESTS CONTROLLED	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
<b>USE RESTRICTIONS:</b> <ul style="list-style-type: none"><li>• See restrictions applicable to all uses on cotton above.</li><li>• Do not apply more than 5 1/3 lbs./A (4 lbs. a.i.) per season.</li><li>• Allow at least 21 days between final application and harvest.</li></ul>		

## 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:** A maximum of 1.0 lb a.i./A or aerial application in CA and AZ and 0.75 lb a.i./A for all other areas of the U.S. 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 feed treated forage or gin trash to livestock.
- Do not allow animals to graze on treated areas.
- Do not apply more than 5 1/3 lbs./A (4 lbs. a.i.) per season. This includes all uses of Acephate E-AG 75 WSP Insecticide 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 E-AG 75 WSP Insecticide + TANK MIX PARTNER PER ACRE	APPLICATION INSTRUCTIONS
Sweetpotato Whitefly Silverleaf Whitefly	2/3 lb. + 10 2/3 to 16 fl. oz. DANITOL® 2.4 EC	Apply when insects first appear.  For applications of 2/3 lb. of Acephate E-AG 75 WSP Insecticide or less, repeat at 3 day spray intervals as necessary to maintain control.  For applications greater than 2/3 lb. of Acephate E-AG 75 WSP Insecticide, repeat at 7 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.  Follow all applicable directions, restrictions, and precautions on the EPA registered label for DANITOL® 2.4 EC spray.

PESTS CONTROLLED	AMOUNT OF Acephate E-AG 75 WSP Insecticide + 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 (including Western Flower Thrips) Tobacco Budworm Whitefly (Excluding Sweetpotato and Silverleaf Whitefly)	<b>Ground:</b> 1/3 to 1 1/3 lbs. + 1 to 2 pints CHLORPYRIFOS® 4E  <b>Air:</b> 1/3 to 1 lb. + 1 to 2 pints CHLORPYRIFOS® 4E (East of the Rockies)  <b>Air:</b> 1/3 to 1 1/3 lbs. + 1 to 2 pints CHLORPYRIFOS® 4E (CA & AZ)	Apply when insects first appear.  For applications of 2/3 lb. of Acephate E-AG 75 WSP Insecticide or less, repeat at 3 day spray intervals as necessary to maintain control.  For applications greater than 2/3 lb. of Acephate E-AG 75 WSP Insecticide, repeat at 7 day spray intervals as necessary to maintain control.  <b>Cutworms:</b> 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.  User should comply with all applicable directions, restrictions, and precautions on the EPA registered label for CHLORPYRIFOS® 4E.
Cutworms	1 lb. + 1 to 2 pints CHLORPYRIFOS® 4E	
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"><li>• Allow at least 21 days between final application and harvest.</li><li>• Do not apply more than 5 1/3 lbs./A (4 lbs. a.i.) of Acephate E-AG 75 WSP Insecticide per season.</li><li>• See restrictions applicable to all uses on cotton above.</li></ul>		

#### 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:** A maximum of 1.0 lb a.i./A or aerial application in CA and AZ and 0.75 lb a.i./A for all other areas of the U.S. 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 feed treated forage or gin trash to livestock.
- Do not allow animals to graze on treated areas.
- Do not apply more than 5 1/3 lbs./A (4 lbs. a.i.) per season. This includes all uses of Acephate E-AG 75 WSP Insecticide on cotton.

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.



17/41

PESTS CONTROLLED	AMOUNT OF Acephate E-AG 75 WSP Insecticide + TANK MIX PARTNER PER ACRE	APPLICATION INSTRUCTIONS
Aphids Bollworm Cabbage Looper Cotton Leaf Perforator Fall Armyworm Fleahoppers Pink Bollworm (CA & AZ) Plant bugs Sweetpotato & Silverleaf Whitefly Thrips (including Western Flower Thrips) Tobacco Budworm Whiteflies	<b>Ground:</b> 2/3 to 1 1/3 lbs. OR <b>Air:</b> 2/3 to 1 lb. (East of the Rockies) 2/3 to 1 1/3 lb. (CA & AZ) + ASANA® XL (Follow label directions) or BAYTHROID® 2 EC (Follow label directions) or BIFENTHRIN 2 EC (Follow label directions) or CYPERMETHRIN 2.5 EC (Follow label directions) or SCOUT® X-TRA (Except CA) (Follow label directions)	Begin applications when eggs or insects first appear. For applications of 2/3 lb. of Acephate E-AG 75 WSP Insecticide or less, repeat at 3 day spray intervals as necessary to maintain control. For applications greater than 2/3 lb. of Acephate E-AG 75 WSP Insecticide, repeat at 7 day spray intervals as necessary to maintain control. <b>Cutworms:</b> Control is most effective when ground applications are directed toward the base and lower portion of plant. Directed, ground applications are most effective. Aerial applications are less effective, but may be used.*
Cutworms Stinkbugs	1 lb. + Any Synthetic Pyrethroid listed above	
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>*See restrictions applicable to all uses on cotton.</li> <li>Do not apply more than 5 1/3 lbs./A (4 lbs. a.i.) of Acephate E-AG 75 WSP Insecticide per season.</li> <li>Allow at least 26 days between final application and harvest.</li> </ul>		

### 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 E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Cranberry Blossom Worm Gypsy Moth False Armyworm Fireworms Spanworms Sparganothis	1 1/3 lbs.	Apply when insects first appear.*
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>• *Limit to one application per growing season. Do not apply more than 1 1/3 lb. (1.0 lb. a.i.) per season.</li> <li>• Allow at least 90 days between final application and harvest.</li> <li>• Do not apply from start of bloom until all berries set.</li> </ul>		

19/41

**HEAD LETTUCE**  
**Crisphead Type Only**

**Ground Application:** Apply in 20 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 to 10 gallons per acre. Use sufficient carrier volume to provide thorough, uniform coverage.

PESTS CONTROLLED	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Aster Leafhopper Green Peach Aphid	2/3 to 1 1/3 lbs.	For applications of 2/3 lb. of Acephate E-AG 75 WSP Insecticide or less, repeat at 3 day spray intervals as necessary to maintain control.  For applications greater than 2/3 lb. of Acephate E-AG 75 WSP Insecticide, repeat at 7 day spray intervals as necessary to maintain control.
Armyworm (excluding Beet Armyworm) Cabbage Looper	1 1/3 lbs.	
<ul style="list-style-type: none"><li>• Do not apply more than 2 2/3 lbs./A (2 lbs. a.i.) per season.</li><li>• Allow at least 21 days between final application and harvest.</li><li>• Do not feed trimmings to livestock or allow animals to graze on treated areas.</li><li>• 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.</li><li>• Do not apply after first head begins to form in crops which germinate from mid-September through November in desert areas of AZ &amp; CA.</li></ul>		

20/41

## 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 E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Alfalfa Looper Aphids Cutworms Strawberry Root Weevil (Adult) Black Vine Weevil (Adult)	1 1/3 lbs.	<p>Apply when eggs or insects first appear. If necessary, make one repeat application allowing 7 days between applications to maintain control.</p> <p><b>Strawberry Root Weevil &amp; Black Vine Weevil:</b> For control, apply in water in a minimum of 40 gals of 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.</p>
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>• Do not apply more than 2 2/3 lbs./A (2 lbs. a.i.) per season.</li> <li>• Allow at least 14 days between final application and harvest.</li> <li>• Do not graze treated areas.</li> <li>• Do not use spent mint hay for dairy animal feed.</li> </ul>		

## 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 E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Grasshoppers	1/3 to 2/3 lb.	Apply when eggs or insects first appear.
Thrips	1/2 to 1 lb.	For applications of 2/3 lb. of Acephate E-AG 75 WSP Insecticide or less, repeat at 3 day spray intervals as necessary to maintain control.
Corn Earworm Fall Armyworm Leafhoppers Loopers Velvetbean Caterpillar	1 to 1 1/3 lbs.	For applications greater than 2/3 lb. of Acephate E-AG 75 WSP Insecticide, repeat at 7 day spray intervals as necessary to maintain control.  Acephate E-AG 75 WSP Insecticide 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.
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 5 1/3 lbs./A (4 lbs. a.i.) per season.</li> <li>Allow at least 14 days between final application and digging or lifting of peanuts.</li> <li>Do not feed treated forage or hay to livestock.</li> <li>Do not allow animals to graze on treated areas.</li> </ul>		

**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.

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.

22/41

## 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 E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Grasshoppers	1/3 to 2/3 lb.	Apply when eggs or insects first appear.
Cabbage Looper Green Peach Aphid Tobacco Hornworm	2/3 to 1 1/3 lbs.	For applications of 2/3 lb. of Acephate E-AG 75 WSP Insecticide or less, repeat at 3 day spray intervals as necessary to maintain control.
European Corn Borer	1 to 1 1/3 lbs.	For applications greater than 2/3 lb. of Acephate E-AG 75 WSP Insecticide, repeat at 7 day spray intervals as necessary to maintain control.
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 2 2/3 lbs./A (2 lbs. a.i.) per season.</li> <li>Allow at least 7 days between final application and harvest.</li> </ul>		

### 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 E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Aphids	2/3 lb.	Repeat at 3 day spray intervals as necessary.
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 1 1/3 lb./A (1.0 lb. a.i.) per season.</li> <li>Allow at least 7 days between final application and harvest.</li> </ul>		

23/41

**TOBACCO (Not for use in California)****TOBACCO TRANSPLANT WATER APPLICATION**

<b>PESTS CONTROLLED</b>	<b>AMOUNT OF Acephate E-AG 75 WSP Insecticide PER ACRE</b>	<b>APPLICATION INSTRUCTIONS</b>
Cutworms Flea Beetle Green Peach Aphid Potato Tuberworm Tobacco Aphid 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 E-AG 75 WSP Insecticide.  Apply in a minimum of 100 gals. of transplant water per acre. Premix Acephate E-AG 75 WSP Insecticide in water to form a slurry solution prior to adding to the transplant water tank.
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 5 1/3 lbs./A (4 lbs. a.i.) per season. This includes the use of Acephate E-AG 75 WSP Insecticide in transplant water, plant bed, soil, float bed (greenhouse), and foliar applications.</li> <li>Do not apply more than 1 lb. Acephate E-AG 75 WSP Insecticide per acre as a transplant water application as some phytotoxicity may occur.</li> <li>Make transplant water applications using mechanical transplant equipment only. Using such equipment, the insecticide/water mixture is mechanically applied directly into the soil along with the transplanted plants</li> </ul>		

**TOBACCO FOLIAR APPLICATION**

**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 E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Grasshoppers	1/3 to 2/3 lb.	For applications of 2/3 lb. of Acephate E-AG 75 WSP Insecticide or less, repeat at 3 day spray intervals as necessary to maintain control.  For applications greater than 2/3 lb. of Acephate E-AG 75 WSP Insecticide, repeat at 7 day spray intervals as necessary to maintain control.
Green Peach Aphid Flea Beetle Tobacco Hornworm Tobacco Thrips	2/3 lb.	
Stinkbugs Tobacco Aphid Vegetable Weevils	2/3 to 1 lb.	
Budworm Cabbage Looper Cutworm Japanese Beetle	1 lb.	
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"><li>Do not apply more than 5 1/3 lbs./A (4 lbs. a.i.) per season. This includes the use of Acephate E-AG 75 WSP Insecticide in transplant water, plant bed, soil, float bed (greenhouse), and foliar applications.</li><li>Allow at least 3 days between final application and harvest.</li></ul>		

24/41

## TOBACCO PLANT BED APPLICATION

PESTS CONTROLLED	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Cutworm Flea Beetle Green Peach Aphid Tobacco Aphid	1 lb.	Apply to foliage at the equivalent of 1 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.
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 5 1/3 lbs./A (4 lbs. a.i.) per season. This includes the use of Acephate E-AG 75 WSP Insecticide in transplant water, plant bed, soil, float bed (greenhouse), and foliar applications.</li> </ul>		

## TOBACCO GREENHOUSE (FLOATBED) APPLICATION

PESTS CONTROLLED	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Cutworm Flea Beetle Green Peach Aphid Tobacco Aphid	1 lb.	Apply to foliage at the equivalent of 1 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.
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 5 1/3 lbs./A (4 lbs. a.i.) per season. This includes the use of Acephate E-AG 75 WSP Insecticide in transplant water, plant bed, soil, float bed (greenhouse), and foliar applications.</li> <li>Dispose of floatbed water in the transplanted field in either transplant water or foliar spray.</li> </ul>		

## TOBACCO SOIL MOUND DRENCH APPLICATION

PESTS CONTROLLED	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Ants (Including Imported Fire Ant and Harvester Ant)	Mix 2 lb.in 160 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.
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>Do not apply more than 5 1/3 lbs./A (4 lbs. a.i.) per season. This includes the use of Acephate E-AG 75 WSP Insecticide in transplant water, plant bed, soil, float bed (greenhouse), and foliar applications.</li> <li>Allow at least 3 days between final application and harvest.</li> <li>Treat a maximum of 13 mounds per acre.</li> <li>Do not treat more than once per season.</li> </ul>		



25/41

**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 E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Aphids Grasshoppers Katydid Mealybugs Orangedogs Plant Bugs Thrips Whiteflies (except Sweetpotato and Silverleaf Whitefly)	2/3 lb.	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.  Apply when eggs or insects first appear.  Use the high rate when a heavy infestation is present.
Citrus Blackfly*	2/3 to 1 lb.	For applications of 2/3 lb. of Acephate E-AG 75 WSP Insecticide or less, repeat at 3 day spray intervals as necessary to maintain control.  For applications greater than 2/3 lb. of Acephate E-AG 75 WSP Insecticide, repeat at 7 day spray intervals as necessary to maintain control.
Ants (excluding fire, harvester, carpenter and pharoah)	1 lb.	
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"><li>• *Not registered in California for control of Citrus Blackfly.</li><li>• Do not graze treated areas.</li><li>• Do not harvest citrus for one year after treatments.</li></ul>		

**SOIL MOUND DRENCHES**

PESTS CONTROLLED	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Ants, including Imported Fire Ants and Harvester Ants	1/3 lb. per 26.6 gals water	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. Treat all areas within four feet of the mound.  Repeat application as necessary to maintain control.
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>Do not graze treated areas.</li> <li>Do not harvest citrus for one year after treatment.</li> </ul>		

26/41

## 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 E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Grasshoppers	1/3 lb.	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.
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>Do not graze or feed vegetation cut from treated areas.</li> </ul>		

27/41

## 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 E-AG 75 WSP Insecticide PER ACRE	APPLICATION INSTRUCTIONS
Black Grass Bugs Grasshoppers Mormon Crickets	1/8 to 1/6 lb	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>		

## SPECIALTY USES

### CROP TOLERANCE

Acephate E-AG 75 WSP Insecticide 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 E-AG 75 WSP Insecticide.

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 E-AG 75 WSP Insecticide:

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

**Plants:** Bletchum gibbum, Cissus antarctica, Ficus triangularis, Fittonia verschaffeltii, Marantha leuconeura kerchoviana, 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. Applications made to open flowers of Chrysanthemums and Roses may result in damage to the flowers.

28/41

## CONTAINER GROWN NURSERY STOCK, ORNAMENTAL TREES, AND SHRUBS

When Acephate E-AG 75 WSP Insecticide 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 E-AG 75 WSP Insecticide PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Container Grown Nursery Stock (Arborvitae Azalea Camellia Rhododendron Roses Viburnum Yew)	Black Vine Weevil  Strawberry Root Weevil	1.0 lb.	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. Repeat applications may be necessary following use precautions below.	Apply the specified amount of Acephate E-AG 75 WSP Insecticide per 100 gallons of solution so as to thoroughly drench the root system.
	Ants (excluding fire, harvester, carpenter and pharaoh)		Apply as needed to control the pest following use precautions below.	

29/4)

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

PLANTS	INSECTS	AMOUNT OF Acephate E- AG 75 WSP Insecticide PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Trees and Shrubs except Flowering Crabapple (see below)	Aphids Bagworms Birch Leafminer Lace Bugs Leafrollers Tent Caterpillar*	1/3 lb.	As the insects begin to appear.	Apply the specified amount of Acephate E-AG 75 WSP Insecticide 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	2/3 lb.	As the insects begin to appear.	
	Scales (crawlers)	2/3 lb.	As crawlers begin to appear. Repeat as necessary following use precautions below where there is continuous crawler production.	
	Ponderosa Pine Needle Miner	2/3 lb.	Application timing is important. Consult your Farm Advisor or County Extension Agent.	
	Grasshoppers	2/3 lb.	As the grasshoppers begin to appear.	
	California Oakworm Cankerworms (Spring & Fall)	1/3 to 2/3 lb.	As the insects begin to appear. Use the higher rate when larger larvae are present.	

30/41

**CONTAINER GROWN NURSE<sub>R</sub>Y STOCK, ORNAMENTAL TREES, AND SHRUBS (Cont'd)**

PLANTS	INSECTS	AMOUNT OF Acephate E- AG 75 WSP Insecticide PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Trees and Shrubs except Flowering Crabapple (see below)	Nantucket Pine Tip Moth Larvae	1 lb.	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 E-AG 75 WSP Insecticide in 100 gals. of water with a hydraulic sprayer as a full coverage spray.
	Root Weevil Adults	1 lb.	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	1 lb.	As the insects begin to appear.	
	Japanese Beetle	1 1/3 lbs.	As the Japanese Beetles begin to appear. Repeat as necessary following use precautions below.	
	Elm Leaf Beetle Larvae	1 1/3 lbs.	As the larvae begin to appear. Acephate E- AG 75 WSP Insecticide will not prevent Elm Leaf Beetle eggs from hatching.	
<b>USE PRECAUTIONS:</b> <ul style="list-style-type: none"><li>• Do not apply more than 3 times in a growing season at a 4-week interval.</li><li>• Refer to Crop Tolerance Statement.</li></ul>				

31/41

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

PLANTS	INSECTS	AMOUNT OF Acephate E- AG 75 WSP Insecticide PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Douglas Fir Christmas Trees	Douglas Fir Needle Midge	2/3 lb.	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 E-AG 75 WSP Insecticide 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	1/3 lb.	As the insects begin to appear.	Apply the specified amount of Acephate E-AG 75 WSP Insecticide in 100 gallons of water with a hydraulic sprayer.

**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.

32/41

## 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 E-AG 75 WSP Insecticide 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 E-AG 75 WSP Insecticide PER 1000 SQ. FT.		APPLICATION TIMING	APPLICATION INSTRUCTIONS
		Golf Courses	Sod Farms		
Turfgrass (Golf Courses and Sod Farms only)	Fall Armyworm Yellow Striped Armyworm Southern Armyworm	0.5 to 1.2 oz. (1 1/3 to 3 1/4 lbs. per acre)	0.5 to 1.2 oz. (1 1/3 to 3 1/4 lbs. per acre)	As the insects appear.  If repeat applications are needed, allow a minimum of 7 days between applications.	Use a minimum of 5 gallons of water per 1,000 sq. ft. to obtain good coverage.
	Cutworm	1.2 to 1.9 oz. (3 1/4 to 5 1/4 lbs. per acre)	1.2 to 1.4 oz. (3 1/4 to 4 lbs. per acre)		
	Chinch Bugs	1.2 to 1.9 oz. (3 1/4 to 5 1/4 lbs. per acre)	1.2 to 1.4 oz. (3 1/4 to 4 lbs. per acre)	Apply as needed for adult population knockdown. Allow a minimum of 10 days between applications.	Use 1 to 15 gallons of water per 1,000 sq. ft. to obtain good coverage.
	Leafhopper	1 oz. (2 3/4 lbs. per acre)	1 oz. (2 3/4 lbs. per acre)	As the leafhoppers begin to appear. A repeat application at 7-day intervals may be necessary.	



33/41

PLANTS	INSECTS	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER 1000 SQ. FT.		APPLICATION TIMING	APPLICATION INSTRUCTIONS
	Mole Crickets (except CA) Spittlebug (except CA)	1.0 to 1.9 oz. (2 2/3 to 5 1/4 lbs. per acre)	1.0 to 1.4 oz. (2 2/3 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. Do not make more than one application every 7 days. For heavy infestations, use higher dosage rate.	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 ages: 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.

34/41

PLANTS	INSECTS	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER 100 GALS.		APPLICATION TIMING	APPLICATION INSTRUCTIONS
		Golf Courses	Sod Farms		
Turfgrass (Golf Courses and Sod Farms only)	Sod Webworm ( <i>Crambus</i> spp.)	0.5 to 1.0 oz. (1 1/3 to 2 3/4 lbs. per acre)	0.5 to 1.0 oz. (1 1/3 to 2 3/4 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 7 day intervals.	Use 1 to 15 gallons of water per 1,000 sq. ft. to obtain good coverage.
	Greenbug ( <i>Shizaphis graminum</i> ) Grasshoppers	0.5 oz. (1 1/3 lb. per acre)	0.5 oz. (1 1/3 lb. per acre)	Apply when insects or their damage first appear. Repeat as necessary at no more than 7 day intervals.	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)	1.5 to 1.9 oz. (4.0 to 5 1/4 lbs. per acre)	1.4 oz. (4.0 lbs. per acre)	Apply when insects or their damage first appear. Allow at least 7 days between applications.	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	1.0 to 1.9 oz. (2 3/4 to 5 1/4 lbs. per acre)	1.0 to 1.4 oz. (2 2/3 to 4.0 lbs. per acre)	As the insects appear. Repeat applications may be necessary at a minimum of 7 days between applications.	Use a minimum of 15 gallons of water per 1,000 sq. ft. to obtain good coverage.

35/41

## MOUND TREATMENT OF ANTS IN TURFGRASS

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

PLANTS	INSECTS	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Turfgrass (Residential, Recreational, and Commercial Turf) and Non-Crop Areas	Imported Fire Ants Harvester Ants	Mound Treatment – Drench Method: Mix 1 water soluble packet in 160 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 E-AG 75 WSP Insecticide as directed.  Grass in treated areas may be injured.  Do not treat mound more than once per season.

36/41

**OUTDOOR AND PERIMETER SPRAY (EXCLUDING RESIDENTIAL TURF)**

LOCATION	INSECTS	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER GALLON	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Outdoor and Perimeter area (excluding residential turf)	Wasps	1 water soluble packet in 5 gallons of water.	Treat early or late in the day as wasps are generally less active during these times.	Apply the specified amount of Acephate E- AG 75 WSP Insecticide per each gallon of water used. Apply as a spot treatment to the nest, nest entrance and surrounding areas where the wasps alight.
	Ants (excluding fire, harvester, carpenter and pharoah), Crickets Cockroaches Earwigs Pillbugs	1 water soluble packet in 5 gallons of water.	As the insects appear.	Apply the specified amount of Acephate E- AG 75 WSP Insecticide 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.

37/41

## OUTDOOR FLORAL CROPS AND GROUND COVERS

When Acephate E-AG 75 WSP Insecticide 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 E-AG 75 WSP Insecticide 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	2/3 lb. (10.5 oz.)	As insects begin to appear. Repeat applications may be necessary. Allow at least 3 days between applications.	Apply the specified amount of ACEPHATE E-AG 75 WSP Insecticide in 100 gals. of water with a hydraulic sprayer as a full coverage spray.
Boston Ivy	Japanese Beetle	1 1/3 lbs. (21.3 oz.)	As the Japanese Beetle begin to appear.	
Boston Ivy Roses	Japanese Beetle	1 lb. (16 oz.)	Repeat applications may be necessary. Allow a minimum of 7 days between applications.	

### 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.

38/41

## COMMERCIAL GREENHOUSE FLORAL AND FOLIAGE PLANT CROPS

When Acephate E-AG 75 WSP Insecticide 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 E- AG 75 WSP Insecticide PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Roses	Leafrollers	2/3 to 1 lb. (10.5 to 16 oz.)	As leafrollers begin to appear. Use the higher amount when large larvae are present.	Apply the specified amount of Acephate E-AG 75 WSP Insecticide in 100 gals. of water with a hydraulic sprayer as a full coverage spray.

### USE PRECAUTIONS:

- Applications of Acephate E-AG 75 WSP Insecticide to open flowers may result in damage to the flowers.

**GREENHOUSE FLORAL AND FOLIAGE PLANT CROPS (Cont'd)**

PLANTS	INSECTS	AMOUNT OF Acephate E-AG 75 WSP Insecticide PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Foliage Plants Anthuriums Cacti Orchids Poinsettia	Aphids	1/3 lb. (5.3 oz.)	As aphids begin to appear. Allow a minimum of 3 days between applications.	Apply the specified amount of Acephate E-AG 75 WSP Insecticide 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	2/3 lb. (10.5 oz.)	As the insects begin to appear. A repeat application may be necessary for control of mealybugs and whiteflies. Allow a minimum of 14 days between applications.	
	Scales (Crawlers)	2/3 lb. (10.5 oz.)	As crawlers begin to appear. Repeat applications may be required where there is continuous crawler production. Allow a minimum of 14 days between applications.	
	Sweetpotato/ Silverleaf Whiteflies (except CA)	1/3 lb. (5.3 oz.) + TAME® 2.4 EC 10 2/3 fl. oz. (0.2 lb. a.i.)	Apply when insects first appear. Allow a minimum of 3 days between applications. 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.	Apply the specified amounts of Acephate E-AG 75 WSP Insecticide plus TAME® 2.4 EC. Spray as a tank mix at a volume necessary to obtain good coverage. Follow the TAME® label for specific instructions on the alternation of TAME® plus Acephate E-AG 75 WSP Insecticide and TAME® alone and the rotation instruction to avoid potential resistance.

**USE PRECAUTIONS:**

- Phytotoxicity has occurred on the following plants: *Blechnum gibbum*, *Cissus antarctica*, *Ficus triangularis*, *Fittonia verschaffeltii*, *Maranta leuconeura kerchoviana*, *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)**

40/41

PLANTS	INSECTS	AMOUNT OF Acephate E- AG 75 WSP Insecticide PER 100 GALS.	APPLICATION TIMING	APPLICATION INSTRUCTIONS
Carnations Chrysanthemums Roses	Aphids Thrips	2/3 lb. (10.5 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 E-AG 75 WSP Insecticide in 100 gallons of water with a hydraulic sprayer as a full coverage spray.

**USE PRECAUTIONS:**

- Making applications more than once every 28 days to Carnations and Chrysanthemums may result in injury to plants. Allow a minimum of 3 days between applications to Roses.
- 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.
- Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged, rendering the crops unfit for sale, use or consumption.

**STORAGE AND DISPOSAL**

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

**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. Do not contaminate food or feedstuffs. 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:**

Do not reuse outer bag. Dispose of the outer bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.



41/41

## CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Etigra or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User and Buyer and User agree to hold Etigra and Seller harmless for any claims relating to such factors.

Etigra warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Etigra, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ETIGRA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, neither Etigra nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ETIGRA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ETIGRA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Etigra and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Etigra.

BAYTHROID® is a trademark of Bayer CropScience.

LORSBAN® is a trademark of Dow AgroSciences, LLC.

ASANA® is a trademark of E.I. du Pont de Nemours and Company.

AMMO® and CAPTURE® are trademarks of the FMC Corporation.

SCOUT® is a trademark of Hoechst Schering Agrevo S.A.

Orthene® is a trademark of OMS Investments, Inc.

DANITOL® is a trademark of Sumitomo Chemical Company, Ltd.

KARATE® is a trademark of a Syngenta Group Company.

DEADHATCH® and TAME® are trademarks of Valent U.S.A. Corporation.

Acephate E-AG 75 WSP Insecticide is not manufactured or distributed by Valent U.S.A. Corporation, seller of Orthene®.

Etigra™ is a trademark of Etigra.