
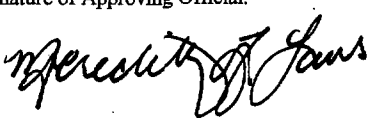


66330-360

9-24-2007

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	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460	EPA Reg. Number: 66330-360	Date of Issuance: SEP 24 2007
	NOTICE OF PESTICIDE: <input type="checkbox"/> Registration <input checked="" type="checkbox"/> Reregistration (under FIFRA, as amended)	Term of Issuance:	
		Name of Pesticide Product: Accephate 97 EG	
Name and Address of Registrant (include ZIP Code): Arysta LifeScience North America Corporation Park West II 15401 Weston Parkway, Suite 150 Cary, North Carolina 27513			
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.			
<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>Based on your response to the Reregistration Eligibility Decision (RED) for Accephate, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.</p> <p>Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.</p> <p>The labeling for the subject product submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided you submit one (1) copy of the final printed label incorporating the following corrections before you release the product for shipment. Products shipped after 12 months from the date of this Notice must bear the new revised label. A stamped copy of the label is enclosed for your records.</p> <p>1. Correct the PPE text ("Loaders, applicators and other handlers must wear :") to read as cited below.</p> <p>Mixers, loaders, applicators and other handlers using engineering controls must wear:</p> <p>2. Revise the container disposal statement (page 3) to one that is more appropriate for a water soluble package product (WSP).</p>			
Signature of Approving Official: 		Date: SEP 24 2007	

3. Add general instructions for the handling of the water soluble package (WSP) and the preparation of the spray solution similar to those cited below which appear on your other registered acephate WSP products.

Do not handle the packets with wet gloves or allow the packets to become wet prior to addition to the spray tank. If only one packet is used, close and reseal outer container to protect remaining packets.

To prepare spray solution, drop the unopened packet of the product into the spray tank containing at least one-half the desired total quantity of water. Continue to add water with the agitator running until the desired spray volume is reached. Depending on the water temperature and degree of agitation, the packet should completely dissolve in approximately 5 minutes.

4. Add application rate equivalency tables reflecting the use of the WSP similar to those appearing on your other registered WSP products.

5. Add use directions reflecting the use of the water soluble package (WSP) product. The use directions for several uses need to be revised in order to provide the user with the equivalent amount of formulated product in terms of the amount contained in each individual water soluble package. For example, the application directions for the use of 6.4 oz of product per 100 lbs of seed (page 32) are not appropriate for a WSP. Other examples include instructions for 3/4 tablespoon in 3 gallons of water for tobacco (page 21); 3/4 ounces in 5 gallons of water for turfgrass (page 28); 1.2 ounces per gallon for outdoor and perimeter spray (page 29); preparation of an acephate spray mix using a 16 oz. measuring cup (Small Volume Spray Equivalent table on page 22); and 2-3 tbsps. per 1 tbsp. water (Crape Myrtle, page 26). 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.

6. Add the statement cited below immediately after the statement "Do not apply this product in a way __". (page 3)

For any requirements specific to your State or Tribe, consult the Agency responsible for pesticide regulation.

7. As cited in item 19 of our March 14, 2007 letter, there appears to be a discrepancy between your spray drift statement prohibiting the application of the product as an ULV application and your directions for use for certain sites; i.e. the directions for application to non-crop wasteland areas (page 18) specify to use 0.5 gallons of spray per acre. This may be resolved by adding the text "other than as specified on this label"

8. Reformat the cotton use tables so that it is clear that the 21 day pre-harvest interval (PHI) applies to all the foliar uses. The PHI is missing from the column for whitefly and cutworms and for cotton tank mixes for pyrethroid (page 11).

9. Correct the rates in ounces to coincide with the rate in lbs. wherever such rates are incorrectly converted throughout the cotton tables as was specified in item 13 of our

March 14, 2007 letter. The correction was made for plant bugs (page 7) but not for other insects (page 8 for Bollworm, $\frac{3}{4}$ lb does not translate to 16 ounces).

10. Remove the spray interval statement from the cranberry use (page 13). The use of acephate on cranberries is limited to one application per growing season.

11. Qualify the use site "mint" (page 15) to read as follows "peppermint and spearmint".

12. As specified in our letter of March 14, 2007, based on the efficacy data you cited in response to the acephate RED (data matrix dated September 6, 2005; MRID nos. 46065101 and 46492001), the efficacy claims for ants must be revised as described below. If you wish to propose the addition of such claims at some future date, submit your proposed label amendment along with the appropriate supporting efficacy data and/data citations for our evaluation.

a. Correct the ant claims for non-bearing citrus (foliar application) and container grown nursery stock from "ants -including imported fire ants and harvester ants" to read as follows: "ants- excluding fire, harvester, carpenter and pharaoh ."

b. Correct the ant claims for non-beating citrus (mound treatment) and tobacco mound treatment from "ants, including imported fire ants and harvester ants" to read as follows: "ants, including imported fire ants and harvester ants but excluding carpenter and pharaoh ants".

c. Correct the ant claims for turf grass mound treatment from "ants, including imported fire ants and harvester ants" to read as follows: "imported fire ants and harvester ants."

13. Correct the turf use restriction statement (page 28) to include golf course to read as cited below, since the golf course use has been added back onto the label.

"__ use limited to sod farms and golf courses __."

14. Your label contains text that appears to be mandatory but should be revised to be advisory in nature. Refer to PR Notice 2000-5 for guidance in revising your advisory statements. For example: the text on page 23, "Do not apply to Huckleberry, Balm of Gilead, Cottonwood, Lombardy Poplar and Viburnum suspension." would then be revised to read something like "Application to Huckleberry, Balm of Gilead, Cottonwood, Lombardy Poplar, and Viburnum suspension may result in flower damage." or "(insert name of registrant) does not recommend that application be made to Huckleberry, Balm of Gilead, Cottonwood, Lombardy Poplar and Viburnum suspension."

15. Add the maximum single application rate specified in the acephate RED for ornamental plants other than cut flowers to the Outdoor Floral Crops and Ground Covers table (page 29). The rate is 1.0 lb. a.i. per acre for all other plants. It is noted that the table does bear the maximum rate for cut flowers (0.75 lbs a.i. per acre).

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16. Add the minimum spray intervals statement cited below to the Ornamental Trees & Shrubs use tables, with the exception of Christmas Trees for which the label restricts to one application (pages 23-25).

The minimum spray intervals are 3 days for application rates up to 0.5 lb.ai/A and 7 days for application rates greater than 0.5 lb ai/A.

17. The addition of the spray intervals statement cited in the RED has caused a conflict with instructions specifying longer intervals for certain uses. This conflict occurs for the mint, non-bearing citrus and the non-bell pepper uses and may be resolved by adding "minimum" to the RED spray intervals statement so that it reads as follows: The minimum spray intervals are 3 days for application rates up to 0.5lb.ai/A and 7 days for application rates greater than 0.5 lb ai/A unless longer spray intervals are specified.

Confidential Statement of Formula (CSF)

Your revised basic CSF dated September 13, 2007 is acceptable and has been incorporated into our files for the subject product. It is understood that this CSF replaces all previously submitted CSFs for the product.

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ACEPHATE 97 EG

Soluble Insecticide

ACTIVE INGREDIENT:

By Wt.

Acephate (O,S-Dimethyl acetylphosphoramidothioate) 97%

OTHER INGREDIENTS: 3%

TOTAL: 100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
Acephate is an organophosphate, cholinesterase inhibitor.	
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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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.	
EMERGENCY TELEPHONE NUMBERS: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
FOR 24- HOUR EMERGENCY MEDICAL ASSISTANCE CALL: 1-866-303-6952	
FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300	

EPA Reg. No. 66330-360

EPA Est. No. 51036-GA-1

AD XXXXXX

Manufactured For:

Arysta LifeScience North America Corporation

15401 Weston Parkway, Suite 150

Cary, NC 27513

NET CONTENTS: _____

ACCEPTED
with COMMENTS
in EPA Letter Dated:
SEP 27 2007
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
As amended, for the pesticide
Registered under EPA Reg. No.
66330-360

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

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, applicators using low pressure hand wand application equipment must wear:

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

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, have immediately available for use 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 NIOSH-approved respirator with any N, R, P, or 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.

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

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 actively visiting the treatment area.

STORAGE AND DISPOSAL

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

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

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

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

DIRECTIONS FOR USE

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

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

- Coveralls
- Chemical-resistant gloves made 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, or greenhouses. Do not enter or allow others to enter until sprays have dried.

TANK MIXES NOTICE: 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 the tank mix with this product.

GENERAL USE RESTRICTIONS

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

Not for indoor residential use. For greenhouse use, use limited to commercial greenhouses for on tobacco, ornamental, floral and foliage plants.

Do not use low pressure hand wand application equipment except when applying as a fire ant mound treatment or on ornamental trees, shrubs and floral plants when grown for non-commercial use.

CHEMIGATION DIRECTIONS

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

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions, (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

- All aerial, ground and air-assisted/airblast application equipment must be properly maintained and calibrated using water as carrier. Do not apply this product as an ultra (ULV) spray, or in any carrier other than water.
- Use largest droplet size consistent with good pest control. Small droplets are more prone to spray drift and can be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.
- Do not apply at wind speeds greater than 10 mph at the application site.
- Apply as close to target plants as practical to obtain a good spray pattern for adequate coverage.
- For aerial applications, do not apply at heights greater than 10 feet (consistent with flight safety).
- For airblast applications, direct spray above foliage and turn off outward pointing nozzles at row ends and outer rows.
- For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used and must not exceed 75% of wingspan or rotor diameter.
- For ground applications, do not apply at heights greater than 4 feet.

GENERAL MIXING INSTRUCTIONS

Thoroughly clean all sprayer components prior to mixing. Add approximately $\frac{1}{2}$ of the required amount of water to the spray tank and begin agitation. Add the required amount of ACEPHATE 97 EG insecticide and mix thoroughly. Then add other tank mix partners or foliar feed additives and the remaining water. Maintain agitation during filling and spraying to ensure a uniform spray mixture.

For application equipment which has minimal agitation, such as tobacco transplant water equipment, proper attention to mixing the ACEPHATE 97 EG product should be given. With tobacco transplant water applications the ACEPHATE 97 EG should be premixed in water to form a slurry prior to putting the product into the transplant water applicator. If premixing is not done, then adequate time should be allowed for the product to dissolve in the transplant water prior to beginning application.

BEANS AND LIMA BEANS - DRY AND SUCCULENT FORMS

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ACEPHATE 97 EG PER ACRE	REMARKS	DAYS TO HARVEST
FOLIAR By Ground: 20 to 100 gals/A of spray By Air: Minimum of 2 gals/A of spray	Fleahoppers Grasshoppers	$\frac{1}{4}$ to $\frac{1}{2}$ lb (4 to 8 oz)	Apply when eggs or insects first appear.	14 (snap-succulent or dry beans)
	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 Sweet potato or Silverleaf Whitefly)	$\frac{1}{2}$ to 1.0 lbs (8 to 16 oz)	Use higher rates for severe insect infestations. Establish spray intervals of 3 days for applications rates up to 0.5 lb. ai/A and 7 days for applications rates greater than 0.5 lb ai/A.	1 (lima beans-succulent form)
	Armyworms (excluding Beet Armyworm) Corn Earworm European Corn Borer	$\frac{3}{4}$ to 1.0 lb (12 to 16 oz)		

USE PRECAUTIONS:

- Do not feed treated vines to livestock.
- Do not apply more than 2.1 lbs/A (2 lbs ai) per crop cycle.

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CELERY

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ACEPHATE 97 EG PER ACRE	REMARKS	DAYS TO HARVEST
FOLIAR By Ground: 50 to 100 gals/A of spray By Air: Minimum of 5 gals/A of spray	Green Peach Aphid	1/2 to 1.0 lb (8 oz to 16 oz)	Apply when eggs or insects first appear	21
	Cabbage Looper	1.0 lb (16 oz)	Establish spray intervals of 3 days for applications rates up to 0.5 lb. ai/A and 7 days for applications rates greater than 0.5 lb ai/A.	
	Fall Armyworms			
USE PRECAUTIONS: <ul style="list-style-type: none">• All Celery must be trimmed (tops removed) before shipment for use.• Do not use trimmed tops for feed or food.• Do not apply more than 2.1 lbs/A (2 lbs ai) per crop cycle.				

COLE CROPS - BRUSSELS SPROUTS & CAULIFLOWER

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ACEPHATE 97 EG PER ACRE	REMARKS	DAYS TO HARVEST
FOLIAR By Ground: 25 to 150 gals/A of spray By Air: Minimum of 5 gals/A of spray	Green Peach Aphid	½ to 1.0 lb (8 to 16 oz)	Use the high rate when heavy infestations of aphids are present. Apply when eggs or insects first appear. Establish spray intervals of 3 days for applications rates up to 0.5 lb. ai/A and 7 days for applications rates greater than 0.5 lb ai/A.	14
	Cabbage Looper Diamondback moth Larvae Imported Cabbage worm	1 lb (16 oz)	Diamondback Moth Larvae: this insect has demonstrated an ability to develop resistance to various classes of insecticides. Consult your local Agricultural Service for current recommended control practices for this insect.	
USE PRECAUTIONS: <ul style="list-style-type: none">Do not apply more than 2.1 lbs/A (2 lbs a.i.) per season to Brussels Sprouts and Cauliflower.Do not feed trimmings to livestock or allow animals to graze in treated areas.				

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COTTON

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ACEPHATE 97 EG PER ACRE	REMARKS	DAYS TO HARVEST
IN FURROW By ground: 3 to 5 gals/A of spray.	Aphids* Black (greasy) cutworm (except CA) Thrips *Excluding Cotton Aphids in AZ & CA	½ to 1.0 lb (8 to 16 oz) Note: for the Black Lands of Texas use 1.0 lb/A ACEPHATE 97 EG	Use flat-fan nozzles for in-furrow application. Align nozzles to ensure good spray deposition into the seed furrow. Securely fasten spray-system tubing to furrow opener and check frequently to ensure proper positioning and operation. ACEPHATE 97 EG can be mixed with fungicides that are sprayed in-furrow for disease control.	
FOLIAR By Ground: 10 to 25 gals/A of spray By Air: minimum of 3 gal/A of spray (minimum of 5 gals/A in AZ & CA) foliar	Thrips	2.5 oz to 3.0 oz	Apply when eggs or insects first appear and repeat accordingly.*	21
	Plant bugs (Lygus)	¼ to ¾ lb (4 to 12 oz) (aerial) ¾ to 1.0 lb (12 to 16 oz) (AZ & CA)(aerial) 1.0 lb (16 oz)(ground)	Apply when eggs or insects first appear and repeat accordingly.* Use the highest rate for Lygus adults that have migrated into cotton.	21
	Fleahopper	¼ lb (4 oz)	Apply when eggs or insects first appear and repeat accordingly.*	
	Cotton Aphid (excluding AZ & CA)	½ to ¾ lb (8 to 12 oz)	This insect may develop resistance to various classes of insecticides. Consult your local Agricultural Extension Service for current control recommendations.	

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APPLICATION METHOD	PESTS CONTROLLED	RATES OF ACEPHATE 97 EG PER ACRE	REMARKS	DAYS TO HARVEST
	Whitefly (excluding Sweet potato Whitefly/ Silverleaf whitefly)	½ to ¾ lb (8 to 12 oz) (aerial) 1.0 lb (16 oz)(ground)		
	Armyworms (excluding Beet Armyworm) Cabbage Looper	1.0 lb (16 oz)(ground) ¾ lb/A (12 oz)(aerial)	Apply when eggs or insects first appear and repeat accordingly.*	
	Bollworm Tobacco Budworm Adults Larvae Eggs (DEADHATCH)	½ to ¾ lb (8 to 16 oz) (East of Rockies) (aerial) 1.0 lb (16 oz) (AZ & CA)(aerial) 1 lb (ground)	Early Season: Use 2/3 lb/A for light infestation. Mid and Late Season: Use ¾ to 1 lb/A for moderate to severe infestations. Apply when eggs or insects first appear and repeat accordingly.* 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.	21
	Stinkbugs	¾ lb (12 oz)	Apply when eggs or insects first appear and repeat accordingly.*	
	Pink Bollworm (AZ & CA)	1.0 lb (16 oz)	Apply when eggs or insects first appear and repeat accordingly.*	

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ACEPHATE 97 EG PER ACRE	REMARKS	DAYS TO HARVEST
	Cutworms	$\frac{3}{4}$ lb (12 oz)	<p>Ground application is recommended.</p> <p>Aerial applications are less effective, but may be used.</p> <p>Control is most effective when ground application is made in the evenings and sprays are directed toward the base and lower portion of the plant.</p> <p>Apply when insects first appear or damage is first noted and repeat accordingly.*</p>	

GENERAL USE PRECAUTIONS

- Do not use treated seed for food or feed purposes or process for oil.
- Do not feed gin trash or treated forage 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 the use of acephate in commercial seed treatment, in-furrow spray, in-furrow granular and foliar applications.
- *Establish spray intervals of 3 days for applications rates up to 0.5 lb. ai/A and 7 days for applications rates greater than 0.5 lb ai/A.

COTTON TANK MIXES

APPLICATION METHOD	PESTS CONTROLLED	ACEPHATE 97 EG AND TANK MIX PARTNER	AMOUNT OF ACEPHATE 97 EG AND TANK MIX PARTNER PER ACRE	REMARKS
FOLIAR By Ground: 10 to 25 gals/A spray By air: minimum of 3 gal/A of spray (minimum 5 gals/A in CA)	Sweet potato Whitefly (Silverleaf Whitefly)	ACEPHATE 97 EG plus DANITOL 2.4 EC	$\frac{1}{2}$ lb (8 oz) plus 8 to 16 fl oz	<p>Comply with all applicable directions, restrictions and precautions on the EPA registered label for Danitol 2.4 EC spray.</p> <p>Use a minimum application rate of 10 $\frac{2}{3}$ fl oz/acre Danitol (0.2 lb ai/acre) in CA and AZ.</p> <p>PHI = 21 days</p>

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APPLICATION METHOD	PESTS CONTROLLED	ACEPHATE 97 EG AND TANK MIX PARTNER	AMOUNT OF ACEPHATE 97 EG AND TANK MIX PARTNER PER ACRE	REMARKS
	Armyworms (excluding Beet Armyworm) Bollworm Cabbage Looper Cotton Aphid Cutworms Fleahopper Grasshoppers Pink Bollworm Plantbugs (Lygus, Mirids) Salt Marsh Caterpillar Thrips Tobacco Budworm Whitefly (excluding Sweet potato/Silverleaf Whitefly)	ACEPHATE 97 EC plus LORSBAN 4E or Chlorpyrifos 4E AG	¼ to ¾ lb (4 to 12 oz) (aerial) 1 lb (ground) plus 1 to 2 pts	Comply with all applicable directions, restrictions and precautions on the EPA registered label for Lorsban 4E or Chlorpyrifos 4E AG. Cutworms: Use ¾ lb/A of ACEPHATE 97 EG By Ground: Ground application is recommended. Control is most effective when ground application is made in the evenings and sprays are directed toward the base and lower portion of the plant. By Air: Aerial applications are less effective, but may be used. Apply when insects first appear or when damage is first noted and repeat accordingly* PHI = 21 days

GENERAL USE PRECAUTIONS

- Do not feed gin trash or treated forage to livestock.
- Do not allow livestock to graze on treated areas.
- Do not apply more than 4.1 lbs/A (4 lbs a.i.) per season. This includes the use of acephate in commercial seed treatment, in-furrow spray, in-furrow granular and foliar application.
- *Establish spray intervals of 3 days for applications rates up to 0.5 lb. ai/A and 7 days for applications rates greater than 0.5 lb ai/A.

RESISTANCE MANAGEMENT

Cotton pest control programs, especially those for control of Silverleaf Whitefly populations, should employ a properly designed resistance-management strategy. Such resistance-management strategies include mixture or rotation of alternate 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 alternate insecticides.

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COTTON TANK MIXES WITH PYRETHROIDS

APPLICATION METHOD	PESTS CONTROLLED	ACEPHATE 97 EG AND TANK MIX PARTNER	AMOUNT OF ACEPHATE 97 EG AND TANK MIX PARTNER PER ACRE	REMARKS
FOLIAR By Ground: 10 to 25 gals/A spray By Air: minimum of 3 gal/A of spray (minimum 5 gals/A in CA) See aerial remarks for cutworms.	Aphids Bollworm Cabbage Looper Cotton Leaf Perforator Cutworms Fall Armyworms Fleahopper Pink Bollworm (AZ & CA) Plantbugs Stinkbugs Sweet potato/Silverleaf Whitefly Thrips Tobacco Budworm White Fly	ACEPHATE 97 EG	½ lb to ¾ lb/A (8 to 12 oz)(aerial) ½ to 1 lb/A (8 to 16 oz) (ground)	Apply when eggs or insects first appear and repeat accordingly.* Stinkbugs: Use ¾ lb/A of ACEPHATE 97 EG. Cutworms: Use ¾ lb/A of ACEPHATE 97 EG By Ground: ground application is recommended. Control is most effective when ground application is made in the evenings and sprays are directed toward the base and lower portion of plant. By Air: 3 to 10 gals/A spray (minimum 5 gals/A in CA)
		plus	plus	
		One of the following	One of the following	
		AMBUSH 2 EC	Refer To the AMBUSH 2 EC approved label for use instructions.	
		AMMO 2.5 EC	Refer to the AMMO 2.5 approved label for use instructions.	
		ASANA XL	Refer to the ASANA XL approved label for use instructions.	
		BAYTHROID 2 EC	Refer to the BAYTHROID 2 EC approved label for use instructions.	
		CAPTURE 2 EC	Refer to the CAPTURE 2 EC approved label for use instructions.	
		KARATE 1E (EXCEPT CA)	Refer to the KARATE 1E approved label for use instructions.	
		POUNCE 3.2 EC	Refer to the POUNCE 3.2 EC approved label for use instructions.	

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APPLICATION METHOD	PESTS CONTROLLED	ACEPHATE 97 EG AND TANK MIX PARTNER	AMOUNT OF ACEPHATE 97 EG AND TANK MIX PARTNER PER ACRE	REMARKS
		SCOUT X-TRA	Refer to the SCOUT X-TRA approved label for use instructions.	

GENERAL USE PRECAUTIONS

- Do not feed gin trash or treated forage to livestock.
- Do not allow livestock to graze on treated areas.
- Do not apply more than 4.1 lbs/A (4 lbs a.i.) per season. This includes the use of acephate in commercial seed treatment, in-furrow spray, in-furrow granular and foliar application.
- *Establish spray intervals of 3 days for applications rates up to 0.5 lb. ai/A and 7 days for applications rates greater than 0.5 lb ai/A.

RESISTANCE MANAGEMENT

Cotton pest control programs, especially those for control of Silverleaf Whitefly populations, should employ a properly designed resistance-management strategy. Such resistance-management strategies include mixture or rotation of alternate 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 alternate insecticides.

CRANBERRY

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ACEPHATE 97 EG PER ACRE	REMARKS	DAYS TO HARVEST
Foliar By Ground or Sprinkler: Sufficient water to give thorough coverage By Air: Minimum of 2 gals/A of spray	Cranberry Blossom Worm Cranberry Cutworm Gypsy Moth False Armyworm Fireworms Spanworms Sparganothis	1.0 lb (16 oz)	SPRINKLER IRRIGATION APPLICATION TO CRANBERRIES: This product may only be applied through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, travelers, big gun, solid set or hand move. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniform distribution of treated water. If you have any questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.	90
USE PRECAUTIONS: <ul style="list-style-type: none"> Note: Limit to one application per growing season. Do not apply more than 1.0 lb (1.0 lb ai.) per season. Do not apply from start of bloom until all berries set. Establish spray intervals of 3 days for applications rates up to 0.5 lb. ai/A and 7 days for applications rates greater than 0.5 lb ai/A 				

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 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 manually or automatically 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 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 speeds favors drift beyond the area intended for treatment.

Solid Set System: Apply specified dosage for the entire length of the irrigation period or for a 30 to 60 minute period at the end of a regular irrigation set or as a 30 to 60 minute injection as a separate application not associated with a regular application. 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.**

Center Pivot Systems: Inject the specified dosages per acre continuously for one complete revolution of the system. **See NOTE.**

NOTE: Constant agitation must be maintained in the chemical supply tank during the entire period of pesticide 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.

HEAD LETTUCE - CRISPHEAD TYPE ONLY

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ACEPHATE 97 EG PER ACRE	REMARKS	DAYS TO HARVEST
FOLIAR By Ground: 10 to 60 gals/A of spray By Air: Minimum of 5 gals/A of spray	Aster Leafhopper	½ to 1.0 lb (8 to 16 oz)	Spring, Summer, and early Fall applications in all areas; Winter applications in FL, AZ, CA, and TX; late Fall crops in AZ	21
	Green peach Aphid			
	Armyworms (excluding Beet Armyworms)	1.0 lb (16 oz)		
	Cabbage Looper			

Use Precautions:

- Do not apply more than 2.1 lbs/A (2 lbs ai) per season.
- Do not feed trimmings to livestock or allow animals to graze on treated areas.
- **AZ & CA DESERT Areas:** Do not apply after first head begins to form in crops which germinate from mid-September through November.
- Establish spray intervals of 3 days for applications rates up to 0.5 lb. ai/A and 7 days for applications rates greater than 0.5 lb ai/A

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MINT

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ACEPHATE 97 EG PER ACRE	REMARKS	DAYS TO HARVEST
FOLIAR By Ground: 20 to 100 gals/A of spray By Air: Minimum of 5 to 10 gals/A of spray	Alfalfa Looper Aphids Cutworms	1.0 lb (16 oz)	Apply when eggs or insects first appear.	14
FOLIAR By Ground: 40 to 100 gals/A of spray	Strawberry Root Weevil Adult Black Vine Weevil Adult	1.0 lb (16 oz)	Strawberry and Black Vine Weevil: 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 10 to 14 days apart may be necessary to reduce heavy infestations.	14
Use Precautions For All Application Methods: <ul style="list-style-type: none"> • Do not apply more than 2.1 lbs/A (2 lbs ai) per crop cycle. • Do not allow livestock to graze on treated areas. • Do not feed spent mint hay to livestock. • Establish spray intervals of 3 days for applications rates up to 0.5 lb. ai/A and 7 days for applications rates greater than 0.5 lb ai/A 				

NON-BEARING CITRUS - DIRECTIONS FOR USE IN AGRICULTURAL SETTINGS
(Newly Planted Groves)

20/37

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ACEPHATE 97 EG PER ACRE	REMARKS
Foliar: By Ground: 100 to 200 gals/A spray	Aphids Grasshoppers Katydid Mealybugs Orangedogs Plantbugs Thrips Whiteflies (except Sweet potato/Silver-leaf)	½ lb (8 oz)	
	Citrus black fly*	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 7 to 10 day spray intervals
	Ants- including Imported fire Ants and Harvester Ants*	¾ lb (12 oz)	
Spray individual juvenile or non-bearing citrus 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.			
SOIL MOUND TREATMENT DRENCH METHOD	Ants-including Imported Fire Ants and Harvester Ants*	1/2 oz/5 gals	Apply 1 gal of mix to each mound area by sprinkling the mound until the mound is wet and treat a four (4) foot diameter circle around the mound.
General Use Precautions: <ul style="list-style-type: none"> Do not allow livestock to graze on treated areas. DO NOT HARVEST citrus for one year after treatment Establish spray intervals of 3 days for applications rates up to 0.5 lb. ai/A and 7 days for applications rates greater than 0.5 lb ai/A 			

*Not registered in CA for control of Citrus Blackfly and Harvester Ants

NURSERY STOCK – NON-BEARING DECIDUOUS FRUIT TREES, NUT TREES AND VINES IN NURSERY FIELDS OR NON-BEARING ORHARDS

21/37

PLANTS	INSECTS	AMOUNT OF ACEPHATE 97 EG PER ACRE	TIME OF APPLICATION	REMARKS
Nursery Stock (Non-bearing Deciduous Fruit Trees, Nut Trees, Vines) Almond Apricot Apple Cherry Grape Kiwi Pear Pistachio Plum Prune Walnut	Aphids Plant Bugs (Lygus) Thrips	½ to 0.75 lb. (8 to 12 oz)	Apply as needed for control of existing populations.	Apply Acephate 97 EG in 50 to 200 gallons of water per acre by ground and not less than 5 gallons of water per acre by air.

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 allow livestock to graze treated areas.

Do not apply using low pressure handwand equipment except for use as a mound treatment for control of fire ants and for use on ornamental trees, shrubs and floral plants as a non-agricultural use.

Do not harvest any fruit from sprayed trees for one-year after application.

NON-CROP AREAS – FIELD BORDERS, FENCEROWS, ROADSIDES, DITCHBANKS, BORROW PITS

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ACEPHATE 97 EG PER ACRE	REMARKS
FOLIAR By Ground: 10 to 20 gals/A of spray By Air: 1 to 5 gals/A of spray (minimum of 5 gals/A in CA)	Grasshoppers	¼ lb (4 oz)	For early to mid-season application. Use the higher volume when spraying dense foliage. An approved drift retardant may be added to aid in controlling drift and reducing evaporation of aerial sprays.

USE PRECAUTION:

- Do not graze or feed vegetation cut from treated areas to livestock.

NON-CROP AREAS - WASTELAND

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ACEPHATE 97 EG PER ACRE	REMARKS
FOLIAR By Ground: 10 to 20 gals/A of spray By Air: ½ gal/A of spray (minimum of 5 gals/A in CA)	Black Grass Bugs Grasshoppers Mormon Cricket	1.5 oz to 2 oz	Use the higher volume 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. 			

PEANUTS

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ACEPHATE 97 EG PER ACRE	REMARKS	DAYS TO HARVEST
FOLIAR By Ground: 10 to 50 gals/A of spray. By Air: 5 to 10 gals/A of spray.	Grasshoppers	¼ to ½ lb (4 to 8 oz)	Apply when eggs or insects first appear.	14 (of digging)
	Thrips	3/8 to ¾ lb (6 to 12 oz)	ACEPHATE 97 EG can be tank mixed with registered at-cracking and early post emergence peanut herbicides, provided those products do not prohibit tank mixes, provided the most restrictive of label limitations and precautions are observed, and provided no label dosage rates are exceeded	
	Corn Earworm Fall Armyworm Leafhoppers Loopers Velvetbean Caterpillar	¾ to 1.0 lb (12 to 16 oz)		
USE PRECAUTIONS: <ul style="list-style-type: none">• Do not feed treated forage or hay to livestock.• Do not allow animals to graze on treated areas.• *Do not apply more than 4 1/8 lbs/A (4 lbs) per season. This includes all methods of application.• Establish spray intervals of 3 days for applications rates up to 0.5 lb. ai/A and 7 days for applications rates greater than 0.5 lb ai/A				

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 powders or dry flowable formulations, add and disperse these first, then add liquid pesticides. Conduct another compatibility test at concentrations which will be present in the irrigation lines. If there is any separation that cannot be remixed readily, MICRO FLO recommends that the combination not be used.

Combinations should be kept agitated and should be applied immediately. Do not allow combinations to sit for prolonged periods in the chemical supply tank or irrigation lines.

PEPPERS - BELL

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ACEPHATE 97 EG PER ACRE	REMARKS	DAYS TO HARVEST
FOLIAR By Ground: 25 to 150 gals/A of spray. By Air: minimum of 3 gals/A of spray. (minimum of 5 gals/A in CA)	Grasshoppers	¼ to ½ lb (4 to 8 oz)	Apply when eggs or insects first appear.	7
	Cabbage Looper Green Peach Aphid Tobacco Hornworm	½ to 1.0 lb (8 to 16 oz)	Repeat application 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 ai) per season.
- *Establish spray intervals of 3 days for applications rates up to 0.5 lb. ai/A and 7 days for applications rates greater than 0.5 lb ai/A

PEPPERS - NON-BELL

FOR USE IN MIDWESTERN, EASTERN STATES AND PUERTO RICO ONLY

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ACEPHATE 97 EG PER ACRE	REMARKS	DAYS TO HARVEST
FOLIAR By Ground: 40 to 150 gals/A of spray	Aphids	½ lb (8 oz)	Repeat at 7 to 10 day spray intervals as necessary.*	7

USE PRECAUTION:

- Do not apply more than 1.0 lb/A (1.0 lb ai) per season.
- *Establish spray intervals of 3 days for applications rates up to 0.5 lb. ai/A and 7 days for applications rates greater than 0.5 lb ai/A

TOBACCO - TRANSPLANT WATER APPLICATION (EXCEPT CA)

CROP	INSECTS	AMOUNT OF ACEPHATE 97 EG PER ACRE	FURTHER USE INSTRUCTIONS
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Tobacco	Cutworms Flea Beetle Green Peach Aphid Potato Tuberworm Tobacco Aphid Tobacco Thrips	$\frac{3}{4}$ lb (12 oz)	<p>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.</p> <p>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 97 EG. Do not apply more than once per season.</p> <p>Apply in a minimum of 100 gals of transplant water per acre. ACEPHATE 97 should be premixed in water to form a slurry solution prior to adding the transplant water tank.</p> <p>Do not apply more than $\frac{3}{4}$ lb ACEPHATE 97 EG per acre as a transplant water application as some phytotoxicity may occur.</p> <p>Do not apply more than 4 $\frac{1}{8}$ lbs/A (4 lbs ai) per season. This includes the use of ACEPHATE 97 EG in transplant water, plant bed, soil, float bed (greenhouse) and foliar applications.</p>
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TOBACCO - FOLIAR APPLICATION (EXCEPT CA)

CROP	INSECTS	AMOUNT OF ACEPHATE 97 EG PER ACRE	FURTHER USE INSTRUCTIONS	DAYS TO HARVEST
Tobacco (Flue Cured, Air Cured, Dark Fire Cured)	Grasshoppers	$\frac{1}{4}$ to $\frac{1}{2}$ lb (4 to 8 oz)	<p>Apply in 10 to 50 gals water per acre with ground equipment or a minimum of 3 gals per acre by air.</p> <p>Apply on a 7 day schedule as needed.</p> <p>Do not apply more than 4 $\frac{1}{8}$ lbs/A (4 lbs ai) per season. This includes the use of ACEPHATE in transplant water, plant bed, soil, float bed (greenhouse) and foliar applications.</p>	3
	Green Peach Aphid Flea beetle Hornworm Tobacco Thrips	$\frac{1}{2}$ lb (8 oz)		
	Stinkbugs Tobacco Aphid Vegetable Weevils	$\frac{1}{2}$ to $\frac{3}{4}$ lb (8 to 12 oz)		
	Budworm Cabbage Looper Cutworm Japanese beetle	$\frac{3}{4}$ lb (12 oz)		

TOBACCO - PLANT BED APPLICATION (EXCEPT CA)

CROP	INSECTS	AMOUNT OF ACEPHATE 97 EG PER ACRE	FURTHER USE INSTRUCTIONS
Tobacco	Cutworm Flea Beetle Green Peach Aphid Tobacco Aphid	$\frac{3}{4}$ lb (12 oz)	<p>Apply to foliage at the equivalent of $\frac{3}{4}$ tablespoon in 1 gal of water every 1,000 sq ft of bed. Apply evenly to insure thorough coverage.</p> <p>Apply on a 7 day schedule as needed.</p> <p>Do not apply more than 4 $\frac{1}{8}$ lbs/A (4 lbs ai) per season. This includes the use of ACEPHATE 97 EG in transplant water, plant soil bed, soil, float bed, green house and foliar applications.</p>

TOBACCO - FLOATBED/GREENHOUSE APPLICATION (EXCEPT CA)

CROP	INSECTS	AMOUNT OF ACEPHATE 97 EG PER ACRE	FURTHER USE INSTRUCTIONS
Tobacco	Cutworm Flea Beetle Green Peach Aphid Tobacco Aphid	$\frac{3}{4}$ lb (12 oz)	<p>Apply to foliage at the equivalent of $\frac{3}{4}$ tablespoon in 3 gals water per every 1,000 sq ft of bed. Apply evenly to insure thorough coverage.</p> <p>Apply on a 7 day schedule as needed.</p> <p>NOTE: Floatbed water should be disposed of in the transplanted field either through transplant water or foliar spray.</p> <p>Do not apply more than 4 $\frac{1}{8}$ lbs/A (4 lbs ai) per season. This includes the use of ACEPHATE in transplant water, plant bed, soil, float bed (greenhouse) and foliar applications.</p>

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TOBACCO - SOIL APPLICATION

CROP	INSECTS	AMOUNT OF ACEPHATE 97 EG	FURTHER USE INSTRUCTIONS	DAYS TO HARVEST
Tobacco	Ants, including Imported Fire Ants and Harvester Ants	<p>Mound Treatment - Drench Method: Mix ¾ oz in 5 gals of water.</p> <p>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>	<p>For best results apply the material 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 location of the ants deep within the nest.</p> <p>Treat maximum of 13 mounds per acre.</p> <p>Do not treat more than once per season.</p> <p>Do not apply more than 4 1/8 lbs/A (4 lbs ai) per season. This includes the use of ACEPHATE in transplant water, plant bed, soil, float bed (greenhouse) and foliar applications.</p>	3

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

SMALL VOLUME SPRAY EQUIPMENT**PREPARATION OF ACEPHATE SPRAY MIX USING A 16 OZ MEASURING CUP**

LABEL RECOMMENDATION ACEPHATE 97 EG IN 100 GALS WATER	EQUIVALENT ACEPHATE 97 EG IN 20 GALS WATER	EQUIVALENT ACEPHATE 97 EG IN GAL WATER (TSP/GAL)
1/4 lb	1 oz	1/3 tsp
1/2 lb	2 oz	2/3 tsp
3/4 lb	3 oz	1 tsp
1 lb	4 oz	1 1/3 tsp

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SPECIALTY USES - CONTAINER GROWN NURSERY STOCK

PLANTS	INSECTS	ACEPHATE 97 EG PER 100 GALS	TIME OF APPLICATION	RECOMMENDED APPLICATION
Container Grown Nursery Stock (Arborvitae, Azalea, Camelia, Rhododendron, Roses, Viburnum, Yew)	Black Vine Weevil, Straw-berry Root Weevil	3/4 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 97 EG per 100 gals of solution so as to thoroughly drench the root system. *Establish spray intervals of 3 days for applications rates up to 0.5 lb. ai/A and 7 days for applications rates greater than 0.5 lb ai/A
	Ants, including Imported Fire Ants and Harvester Ants	3/4 lb (12 oz)	Apply as needed to control the pest.	

ORNAMENTAL TREES & SHRUBS

PLANTS	INSECTS	ACEPHATE 97 EG /100 GALS	TIME OF APPLICATION	RECOMMENDED APPLICATION
Trees and Shrubs (except Flowering Crabapple, see below)	Aphids, Bagworms, Birch Leaf- miner, Lace Bugs, Leaf- rollers Tent Cater- pillar*	1/4 lb (4 oz)	As insects or damage first appear.*	Apply the specified amount of ACEPHATE 97 EG in 100 gals water with a hydraulic sprayer. The addition of a suitable sticker improves control of Gypsy Moth larvae. Mist blower application. Adjust rates to 1 lbs per 100 gals water for Gypsy Moth control and 3/4 lb per 100 gals water for Tent Caterpillar control. Do not apply to Huckleberry, Balm of Gilead, Cottonwood, Lombardy Poplar and Viburnum suspensum.
	Douglas Fir Tussock, Moth Larvae, Gypsy Moth Larvae*, Webworms	1/2 lb (8 oz)	As insects or damage first appear.*	
	Scales (Crawlers)	1/2 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.	Nursery crops. Before treating large plantings, spray only a few plants and observe two weeks for phytotoxicity.

PLANTS	INSECTS	ACEPHATE 97 EG /100 GALS	TIME OF APPLICATION	RECOMMENDED APPLICATION
	Ponderosa Pine Needle Miner	1/2 lb (8 oz)	Time of application is important. Consult your Farm Advisor or County Extension Agent.	Apply the specified amount of ACEPHATE 97 EG in 100 gals water with a hydraulic sprayer as a full coverage spray.
	Grasshoppers	1/2 lb (8 oz)	As the grasshoppers begin to appear*.	
	California Oakworm, Canker-worms (Spring & Fall)	1/4 - 1/2 lb (4 to 8 oz)	As the insects begin to appear*. Use the higher amount when the larger larvae are present.	Apply the specified amount of ACEPHATE 97 EG in 100 gals water with a hydraulic sprayer.
	Nantucket Pine Tip Moth Larvae	3/4 lb (12 oz)	Time of application is important. Consult your Farm Advisor or County Extension Agent. Repeat applications will be required for subsequent generations.	
	Root Weevil Adults	3/4 lb (12 oz)	Apply when first feeding damage occurs. Repeat applications, at four week intervals until the first heavy frost, may be necessary for complete foliage protection.	Apply the specific amount of ACEPHATE 97 EG in 100 gals water with a hydraulic sprayer as a full coverage spray.
	Box Elder Bugs, Sawflies, Budworms, Leafhoppers	3/4 lb (12 oz)	As the insects begin to appear.*	
	Japanese Beetle	1 lb (16 oz)	As the Japanese Beetles begin to appear. Repeat applications, at 2 week intervals, may be necessary.	
	Elm Leaf Beetle (larvae)	1 lb (16 oz)	As the larvae begin to appear*. ACEPHATE 97 EG will not prevent Elm Leaf Beetle eggs from hatching.	Apply the specified amount of ACEPHATE 97 EG in 100 gals water with a hydraulic sprayer as a full coverage spray.
Douglas Fir	Douglas Fir	1/2 lb	Application should be made	Apply the specific

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PLANTS	INSECTS	ACEPHATE 97 EG /100 GALS	TIME OF APPLICATION	RECOMMENDED APPLICATION
(Christmas Trees)	Needle Midge	(8 oz) (1/2 lb per acre)	no more than 2 weeks prior to bud burst*. For additional pest management information, consult your county extension service.	amount of ACEPHATE 97 EG in not less than 2 gals of spray per acre by air or in 100 gals of spray per acre per ground. Do not apply by low pressure handwand. Do not apply more than once per season.
Flowering Crabapples	Aphids, Tent Cater- pillars, Leafrollers	1/4 lb (4 oz)	As the insects begin to appear.	Apply the specified amount of ACEPHATE 97 EG in 100 gals water with a hydraulic sprayer. Do not apply more often than 3 times in a growing season at a 4 week interval. Do not apply by low pressure handwand. NOTE: Phytotoxicity has occurred on the following Crabapple varieties: Hopa, Ichonoski, Malusfloribunda, Pink Perfection, Red Wine and Snow Cloud.

PLANTS	INSECTS	ACEPHATE 97 EG /100 GALS	TIME OF APPLICATION	RECOMMENDED APPLICATION
Crepe Myrtle	Aphids	2 to 3 level Tbs (0.6 to 0.9 oz) per 1 Tbs of water.	As aphids begin to appear*.	Make a paint-on slurry by mixing the specified amount of ACEPHATE 97 EG 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.

PRECAUTIONS:

*Establish spray intervals of 3 days for applications rates up to 0.5 lb. ai/A and 7 days for applications rates greater than 0.5 lb ai/A

GOLF COURSE AND SOD FARM TURFGRASS

PLANTS	INSECTS	ACEPHATE 97 EG PER 1,000 SQ FT	TIME OF APPLICATION	RECOMMENDED APPLICATION
Golf Course and Sod Farm Turfgrass	Fall Armyworm, Yellow Striped Armyworm, Southern Armyworm	0.4 to 0.9 oz (1 to 2 1/2 lbs per acre)	As the insects or damage first appear. A repeat application at 1-2 week intervals may be necessary. Apply as needed for adult population knockdown (10 to 14 days)	Apply the specified amount of ACEPHATE 97 EG per 1,000 sq ft. Use a minimum of 1 gal water per 1,000 sq ft to obtain good coverage.
	Cutworm	0.9 to 1.1 oz (2 1/2 to 3 lbs per acre)		
	Chinch bugs	0.9 to 1.1 oz (2 1/2 to 3 lbs per acre)		Apply the specified amount of ACEPHATE 97 EG per 1,000 sq ft. Use 1 to 15 gals water per 1,000 sq ft to obtain good coverage.

PLANTS	INSECTS	ACEPHATE 97 EG PER 1,000 SQ FT	TIME OF APPLICATION	RECOMMENDED APPLICATION
	Sod Webworm (<i>Crambus</i> spp)	0.4 to 0.8 oz (1 to 2.2 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 necessary at 1-2 week intervals.	
	Leafhopper	3/4 oz (2 lbs per acre)	As the leafhoppers begin to appear. A repeat application at 1 week intervals may be necessary.	
	Mole Crickets (Except CA) Spittlebug (Except CA)	0.8 to 1.1 oz (2.2 - 3 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 the higher dosage rate. Reapply at 7-14 day intervals.	Apply the specified amount of ACEPHATE 97 EG per 1,000 sq ft. Use 1 to 15 gals water per 1,000 sq ft to obtain good coverage. Apply during late afternoon or early evening hours and after an irrigation. Do not irrigate after application. 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 97 EG. 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 teaspoons per gallon of water for small total mix volumes or 6 fl oz per 50 gals of water for a large total mix volume.
	Greenbug (<i>Schizaphis</i> <i>graminun</i>), Grass- hoppers	0.4 oz (1 lb per acre)	Apply when insects or their damage first appears. Repeat as necessary.*	Apply the specified amount of ACEPHATE 97 EG per 1,000-sq ft. Use 4 to 15 gals water per 1,000 sq ft to obtain good coverage. Do not mow turfgrass for at least 24 hours after application.

PLANTS	INSECTS	ACEPHATE 97 EG PER 1,000 SQ FT	TIME OF APPLICATION	RECOMMENDED APPLICATION
	Black Turfgrass Ataenius (Except CA)	0.9 to 1.1 oz (2.5 to 3 lbs per acre)	Apply when insects or their damage first appear.*	Apply the specified amount of ACEPHATE 97 EG per 1,000 sq ft. Use a minimum of 5 gallons water per 1,000 sq ft. Irrigate lightly after application (not more than 1/2 inch). Use the higher rate for severe infestations.
Dichondra (Sod farm only)	Cutworm, Flea Beetle, Southern Armyworm, Yellow Striped Armyworm	0.8 to 1.1 oz (2.2 to 3 lbs per acre)	As the insects appear.* Repeat at 2 week intervals as necessary.	Apply the specified amount of ACEPHATE 97 EG per 1,000 sq ft. Use a minimum of 15 gals water per 1,000 sq ft to obtain good coverage.

Do not allow livestock to graze treated areas.

Do not feed treated grass to livestock.

Not for use on residential lawns.

Aerial applications to turf are prohibited.

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

Three (3) day pre-harvest interval (phi) for sod.

*Establish spray intervals of 3 days for applications rates up to 0.5 lb. Ai/a and 7 days for applications rates greater than 0.5 lb ai/a

MOUND TREATMENT OF FIRE ANTS IN TURFGRASS

PLANTS	INSECTS	AMOUNT ACEPHATE 97 EG	TIME OF APPLICATION	RECOMMENDED APPLICATION
Turf- grass	Ants, including Imported Fire Ants and Harvester Ants	Mound Treatment - Drench Method: Mix 3/4 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.	For best results apply the material in the early morning or late afternoon when the ants are most active. Applications made under prolonged hot and dry conditions may be ineffective due to the location of the ants deep within the nest.	Apply the specified amount of ACEPHATE 97 EG as directed. Grass in treated areas may be injured.

PRECAUTIONS:

Do not treat mound more than once per season.

Do not allow livestock to graze treated areas.

Do not feed treated grass to livestock.

OUTDOOR AND PERIMETER SPRAY

LOCATION	INSECTS	AMOUNT ACEPHATE 97 EG PER GALLON	TIME OF APPLICATION	RECOMMENDED APPLICATION
Outdoor and Perimeter Areas (non- residential)	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 97 EG per each gallon of water used. Apply as a spot treatment to the nest, nest entrance, and surrounding areas where the wasps alight. Do not apply by low pressure handwand to treat trees, shrubs, outdoor flora, for wasp control, or a perimeter treatment.
	Ants, (excluding fire, harvester, carpenter and pharaoh ants), Crickets, Cock- roaches, Earwigs, Pillbugs,	1.2 oz	As the insects appear	Apply specified amount of ACEPHATE 97 EG 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.

OUTDOOR FLORAL CROPS AND GROUND COVERS

PLANTS	INSECTS	AMOUNT ACEPHATE 97 EG PER 100 GALS	TIME OF APPLICATION	RECOMMENDED APPLICATION
Chrysanthemums, Daisies, Dahlias, Easter Lily, Gladioli, Gypsophila, Pachysandra, Peony, Roses, Sedum, Statice, Strawflower, Yarrow, Zinnia	Aphids, Thrips, Lygus	1/2 lb (8 oz)	As insects begin to appear. Repeat applications at 14 day intervals may be necessary.*	Apply the specified amount of ACEPHATE 97 EG in 100 gals water with a hydraulic sprayer as a full coverage spray. Multiple applications may cause slight tip burn or marginal leaf necrosis on some varieties. Test on a few plants to determine varietal susceptibility. Do not apply by low pressure handwand. Maximum application rate for cut flowers is 0.75 lbs ai/acre per 100 gallons of water.
Roses, Boston Ivy	Japanese Beetle	1 lbs (16 oz)	As the Japanese Beetles begin to appear. Repeat applications at 2 week intervals may be necessary.*	*Establish spray intervals of 3 days for applications rates up to 0.5 lb. Ai/a and 7 days for applications rates greater than 0.5 lb ai/a

COMMERCIAL GREENHOUSE FLORAL AND FOLIAGE PLANT CROPS

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PLANTS	INSECTS	AMOUNT ACEPHATE 97 EG PER 100 GALS	TIME OF APPLICATION	RECOMMENDED APPLICATION
Roses	Leafrollers	1/2 to 3/4 lb (8 to 12 oz)	As leafrollers begin to appear. Use the higher amount when the large larvae are present.	Apply the specified amount of ACEPHATE 97 EG in 100 gals water with a hydraulic sprayer as a full coverage spray.
Foliage Plants Anthuriums, Cacti, Orchids Poinsettia	Aphids	1/2 lb (8 oz)	As aphids begin to appear.	<p>Apply the specified amount of ACEPHATE 97 EG in 100 gals water with a hydraulic sprayer as a full coverage spray. The addition of a wetting agent may be required on difficult to wet foliage.</p> <p>NOTE: Phytotoxicity has occurred on the following foliage plants: <i>Blechnum gibbum</i>, <i>Cissus antarctica</i>, <i>Ficus triangularis</i>, <i>Fittonia verschaffeltii</i>, <i>Maranta leuconeura kerchoveana</i>, <i>Pachystachya lutea</i>, <i>Plectranthus australis</i>, <i>Polypodium aureus</i>, <i>Polystichum</i>, <i>Pteris ensiformis</i>, <i>Tolmiea menziesii</i>.</p> <p>Before treating large plantings spray only a few plants and observe 2 weeks for varietal phytotoxicity. Applications of ACEPHATE 97 EG on Poinsettias after bract formation may result in phytotoxicity on certain varieties.</p> <p>Apply the specified amount of ACEPHATE 97 EG in 100 gals water with a hydraulic sprayer as a full coverage spray. The addition of a wetting agent may be required on difficult to wet foliage.</p>
	Mealybugs, Thrips, Whiteflies	1/2 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.	
Foliage plants, (continued)	Scales (crawlers)	1/2 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.	

PLANTS	INSECTS	AMOUNT ACEPHATE 97 EG PER 100 GALS	TIME OF APPLICATION	RECOMMENDED APPLICATION
	Sweet Potato Whiteflies, (except CA)	1/4 lb (4 oz) plus 10 2/3 fl oz (0.2 lb ai) TAME 2.4 EC Spray	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.	For sweet potato whitefly control, apply the specified amounts of ACEPHATE 97 EG 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 97 EG and TAME alone and the rotation instructions to avoid potential resistance.
Carnations, Chrysan- themums, Roses	Aphids, Thrips	1/2 lb (8 oz)	As aphids begin to appear. As thrips begin to appear or at the right flower bud stage. Repeat applications at minimum 5 day intervals may be necessary.	Apply the specified amount of ACEPHATE 97 EG in 100 gals water with a hydraulic sprayer as a full coverage spray. Do not apply more often than once every 28 days to Carnations and Chrysanthemums. NOTE: Phytotoxicity has occurred on the following Chrysanthemum varieties: Albatross, Bonnie Jean, Dixie, Garland, Gem, Iceberg, Pride, Showoff, Statesman, Tally Ho, Westward Ho, and Wild Honey. Before treating large Chrysanthemum plantings, spray only a few plants and observe two weeks for varietal phytotoxicity. Application to Chrysanthemums and Roses with open flowers may result in flower damage.

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.

COMMERCIALY TREATED COTTON SEED

PEST	AMOUNT PER 100 LBS COTTONSEED	EFFICACY	ADDITIONAL USE INSTRUCTIONS
Cotton Aphids Thrips	6.4 oz	Gives effective reduction of thrips and cotton aphids for up to three weeks after planting.	ACEPHATE 97 EG contains a water-soluble systemic insecticide which helps to reduce injury to cotton seedlings by several insects.
Black (Greasy) Cutworm	6.4 oz	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.	ACEPHATE 97 EG can be mixed in the slurry tank with most of the fungicide seed treatments in common use. ACEPHATE 97 EG can also be applied as a separate treatment using enough water to give adequate coverage of the seed. ACEPHATE 97 EG dissolves quickly in water with a minimum of agitation.

USE PRECAUTIONS: 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 subsequent 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 97 EG may be considered adulterated under state and Federal laws if sold or shipped as food or feedstuffs. Seed commercially treated with ACEPHATE 97 EG must be labeled as follows:

DO NOT USE TREATED SEED FOR FOOD, FEED OR OIL.

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

Observe all precautions and limitations on labeling of all products used in mixture.

NOTE: This product is sold by weight and package is full when packed but due to fluffy nature this material is inclined to settle.

AMBUSH-Reg. TM of Zeneca Inc. Ag. Products for permethrin insecticide.

AMMO- Reg. TM of FMC Agri Chemical group for cypermethrin insecticide.

Asana-Reg. TM of E.I. DuPont de Nemours & Co. Inc. for esfenvalerate insecticide.

BAYTHROID- Reg. TM of Miles Inc. for cyfluthrin synthetic pyrethroid.

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

DANITOL- Reg TM of Sumitomo Chemical Company Ltd. For fenpropathrin insecticide miticide.

KARATE- Reg. TM of Zeneca Ag Products U.K. for lambdacyhalothrin insecticide.

LORSBAN-Reg. TM of Dow Chemical Company for chlorpyrifos insecticide.

ORTHENE- Reg TM of Monsanto Company for Acephate insecticide.

PAYLOAD- Reg. TM of Valent USA Corporation.

POUNCE- Reg. TM of FMC Agri Chemical Group for permethrin insecticide.

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

Warranty and Disclaimer Statement

1. The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America Corporation ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. All such risks shall be assumed by the user or buyer.
2. Arysta 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 described above, when used in accordance with the Directions for Use under normal conditions.
3. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, MANUFACTURER, AND SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. NO AGENT, REPRESENTATIVE OR EMPLOYEE OF ARYSTA IS AUTHORIZED TO MAKE ANY WARRANTY, GUARANTEE OR REPRESENTATION BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN.**
4. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE TOTAL LIABILITY OF ARYSTA, MANUFACTURER, AND SELLER, SHALL BE LIMITED TO THE PURCHASE PRICE PAID, OR AT ARYSTA'S ELECTION, THE REPLACEMENT OF THE PRODUCT.**