
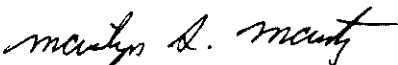


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|  <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs (7504C) Ariel Rios Building 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <u> X </u> Registration <u> </u> Reregistration</p> <p>(under FIFRA, as amended)</p> | EPA Reg. Number: 53883-132 | Date of Issuance: JAN 7 2005 |
| | Term of Issuance: Conditional | |
| | Name of Pesticide Product: Acephate 90 SP | |
| Name and Address of Registrant (include ZIP Code): Control Solutions, Inc. 5903 Genoa-Red Bluff Pasadena, TX 77507 | | |
| <p>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> <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.</p> <p>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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration of your product when the Agency requires all registrants of similar products to submit such data. 2. Make the following label changes before you release the product for shipment: <ol style="list-style-type: none"> a. Add the designation, "EPA Reg. No.53883-132" to the labels for both the water soluble packaged product and the product packaged in conventional containers. b. For both the water soluble packaged product and the product packaged in conventional containers, correct the label, as described below. <ol style="list-style-type: none"> 1. Add the washing instructions cited below to the PPE section immediately above the User Safety Recommendations heading. These instructions appeared on the previous label and are specified in the acephate IRED labeling table. <p>Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water.</p> | | |
| Signature of Approving Official:  | | Date: JAN 7 2005 |

Keep and wash PPE separately from other laundry.

(2) correct the spelling of "plane" to "place" in the storage statements section so that the statement reads as follows: Store in cool dry place.

c. For the product in conventional containers, correct the sentence, "In addition, mixers and loaders supporting hopper box seed treatment equipment must wear:" by removing the word "equipment".

d. For the product in water soluble packaging, in the additional use instructions column of the table on page 12, remove the redundant instructions to repeat as necessary to maintain control. These instructions already appear in the second paragraph of the column.

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

4. Within two years from the date of this Notice, submit the product specific data cited below for the subject formulated product conducted in compliance with the Good Laboratory Practice standards of 40 CFR160.135(a) and submitted in the standard format described in PR Notice 86-5. The test guidelines are available on the internet at <http://www.epa.gov/opptsfrs/home/guidelin.htm>

a. Storage stability (guideline no. 830.6317)

b. Corrosion characteristics (guideline no. 830.6320)

Since the Interim Reregistration Eligibility Decision (IRED) and the accompanying Data Call-In (DCI) have been issued for acephate and you have referenced a registered acephate product in support of your product, the registration issued for your product is conditioned on acceptable data being submitted for the supporting product in response to the DCI or new data being submitted to replace any unacceptable data. If the data are unacceptable and will not be replaced, the supporting product registration will be subject to being suspended. In that event, you will become subject to providing these data or being suspended.

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

A stamped copy of the label for the product packaged in conventional containers and for the water soluble packaged product are enclosed for your records.

Marilyn A. Mautz

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

(Label Language for Water Soluble Bag Formulation)

ACCEPTED
with COMMENTS
in EPA Letter Dated

4/22

JAN 7 2005

Acephate 90 SP

Cotton Insecticide
(in Water Soluble Bags)

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
53883-132

| | By Wt. |
|----------------------------------------------------------|--------|
| ACTIVE INGREDIENT | |
| Acephate (O,S-Dimethyl acetylphosphoramidothioate) | 90% |
| INERT INGREDIENTS | 10% |
| TOTAL | 100% |

KEEP OUT OF REACH OF CHILDREN

CAUTION

| FIRST AID | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contains an organophosphate that inhibits cholinesterase. | |
| If swallowed | <ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • 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. |
| If in eyes | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. |
| If on skin or clothing | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. |
| If inhaled | <ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice. |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. | |
| NOTE TO PHYSICIAN Acephate is a cholinesterase inhibitor. If signs of cholinesterase inhibition appear, atropine is antidotal. 2-PAM may also be used in conjunction with atropine but should not be used alone. | |

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

EPA Reg. No. 53883-RGE

EPA Est. No. 39578-TX-01

Manufactured by:
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

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.

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 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.

See engineering controls for additional requirements.

USER SAFETY RECOMMENDATIONS

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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 and must have immediately available for 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Cover or soil-incorporate spills.

Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

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

DIRECTIONS FOR USE

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

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

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

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

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

Do not use this product through any type of irrigation system.

Do not apply using low pressure hand wand equipment.

TANK MIXES

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

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

SPRAY DRIFT

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 Application: 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, medium, or coarser spray according to ASAE 572 definition for standard nozzles or VMD for spinning atomizer nozzles.

Master Label for "Acephate 90 SP" - Water Soluble Bag & Dry Formulation

For Air Blast 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, medium, 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

MULTIPLE PACKAGING

This bag contains multiple water soluble packets of ACEPHATE 90 SP. Do not handle the packets with wet gloves or allow the packets to become wet prior to addition to spray tank. Do not break open packets. Refer to **Tables of Equivalents** to calculate the number of packets to use. If all packets are not used, close and reseal outer container to protect remaining packet(s).

PREPARATION OF SPRAY SOLUTION

To prepare spray solution, drop the unopened packet(s) of ACEPHATE 90 SP into a spray tank containing at least one-half the total quantity of water required. Direct water at the floating packet(s) and continue to add water with the agitator running until the spray volume is reached. **Do not add any liquid fertilizers, micronutrients or adjuvants to the spray solution until after the packet(s) and its contents have completely dissolved.** Water soluble packet(s) should completely dissolve in approximately five minutes. Dissolution rate may be slowed by cold water, lack of agitation, or water containing high concentrations of boron or sulfur.

TABLE OF EQUIVALENTS

| Rate of Acephate 90 SP per Acre | Acres Treated by a 2.5 LB. WSP Packet |
|--------------------------------------------|--------------------------------------------------|
| 2.5 oz. | 16 |
| 3.2 oz. | 12.5 |
| 3.25 oz | 12.3 |
| 0.25 lb. | 10 |
| 0.28 lb. | 8.9 |
| 0.5 lb. | 5 |
| 0.56 lb. | 4.5 |
| 0.8 lb. | 3.1 |
| 1.0 lb. | 2.5 |
| 1.1 lb. | 2.3 |

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GENERAL INFORMATION

ACEPHATE 90 SP is an insecticide which controls a wide range of important pests in cotton. The active ingredient 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 90 SP through ingestion than by contact. ACEPHATE 90 SP can be applied as in-furrow and foliar treatments in cotton. Application of ACEPHATE 90 SP to maintain control should be repeated only as directed.

FAILURE TO FOLLOW THE DIRECTION FOR USE AND PRECAUTIONS ON THIS 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.

COTTON

GENERAL USE PRECAUTIONS:

Do not feed gin trash to livestock.
Do not allow animals to graze on treated areas.
**Do not apply more than 4.4 lbs. of ACEPHATE 90 SP per acre per crop cycle. This limitation includes all methods of application; i.e. hopper-box, in-furrow, and foliar.

COTTON IN-FURROW APPLICATION

| INSECTS | AMOUNT ACEPHATE 90 SP PER ACRE | ADDITIONAL USE INSTRUCTIONS |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Aphids* Black (Greasy) Cutworm (Except CA) Thrips (including Western Flower Thrips) * Excluding Cotton Aphids in AZ & CA | 0.55 to 1.1 lbs. NOTE: for the Blacklands of Texas use 1.1 lbs. per acre ACEPHATE 90 SP | Apply ACEPHATE 90 SP in 3 to 5 gals. of water per acre as an in-furrow spray at planting. ACEPHATE 90 SP can be mixed with fungicides that are sprayed in-furrow for disease control. Flat-fan nozzles used for in-furrow application should be set so that the fanned spray pattern is aligned with the row to insure good spray deposition in the seed furrow. Cone type nozzles may not provide a spray pattern that insures maximum spray deposition in the seed furrow, and should be avoided. Spray systems that employ metal or plastic tubing for delivery of spray solution into the seed furrow should have tubing securely fastened to the furrow opener and should be checked frequently to insure that the tubing is properly positioned to deposit spray solution into the seed furrow. |

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COTTON (Continued)

FOLIAR APPLICATION

| INSECTS | AMOUNT ACEPHATE 90 SP PER ACRE | | ADDITIONAL USE INSTRUCTIONS | DAYS TO HARVEST |
|--------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| | Ground | Aerial | | |
| Thrips (including Western Flower Thrips) | 3.2 oz. | 3.2 oz. | <p>Apply in water at 3 to 10 gals. spray per acre by air (minimum 5 gals per acre in CA and AZ) or 10 to 25 gals. spray per acre by ground.</p> <p>Apply when eggs or insects first appear.</p> <p>Repeat as necessary to maintain control.**</p> <p>For applications of 0.55 lbs. ACEPHATE 90 SP or less, repeat at 3 day intervals.</p> <p>For applications greater than 0.55 lbs. of ACEPHATE 90 SP, repeat at 7 day intervals.</p> <p>Lygus -- Use higher rate for lygus adults that have migrated into cotton.</p> <p>Cotton Aphid -- This insect may develop resistance to various classes of insecticides. Consult your local Agricultural Extension Service for current control recommendations.</p> <p>Armyworms & Cabbage Looper -- Apply when eggs appear.</p> | 21 |
| Plant Bugs (Lygus) | 0.25 to 1.0 lbs. (East of Rockies) | 0.25 to 0.83 lbs. (East of the Rockies) | | |
| | 0.5 to 1.0 lbs. (CA and AZ) | 0.5 to 1.0 lbs. (CA & AZ) | | |
| Fleahopper | 0.25 lb. | 0.25 lb. | | |
| Cotton Aphid (excluding AZ and CA) | 0.5 to 1.0 lbs. | 0.5 to 0.83 lbs. | | |
| Whitefly (excluding Sweetpotato Whitefly/Silver Whitefly) | 0.5 to 1.0 lbs. | 0.5 to 0.83 lbs. (East of the Rockies) 0.5 to 1.0 lbs. (CA & AZ) | | |
| Armyworms (excluding Beet Armyworm) Cabbage Looper | 1.0 lbs. | 0.83 lbs. (East of the Rockies) 1.0 lbs. (CA & AZ) | | |

COTTON (Continued)

FOLIAR APPLICATION (Continued)

| INSECTS | AMOUNT ACEPHATE 90 SP PER ACRE | | ADDITIONAL USE INSTRUCTIONS | DAYS TO HARVEST |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| | Ground | Aerial | | |
| Bollworm Tobacco Budworm Adults Larvae Eggs (DEADHATCH ®) | 0.5 to 1.0 lb. (East of the Rockies) 1.0 lb. (CA & AZ) Emerging Larvae 0.25 to 0.5 lb. | 0.5 to 0.83 lb. (East of the Rockies) 1.0 lb. (CA & AZ) Emerging Larvae 0.25 to 0.5 lb. | Bollworm and Tobacco Budworm -- Early season light infestation use 0.5 lb. per acre. Mid and late season moderate to severe infestations use 0.8 to 1.0 lb. per acre by ground application (aerial application of 1 lb. per acre in CA & AZ only). Apply when eggs appear. Adult/Larvae: Moths are controlled when they come in direct contact with spray particles during application. Moth kill is most likely to occur when application is made late in the evenings during periods of peak activity. | 21 |
| Stinkbugs | 0.8 lb. | 0.8 lb. | | |
| Pink Bollworm (AZ & CA) | 1.0 lbs. | 1.0 lbs. | | |
| Cutworms | 0.8 lb. | 0.8 lb. | Emerging Larvae: 0.25 to 0.5 pounds per acre when larvae first appear DEADHATCH: Control of emerging larvae by consumption of treated egg casings. Pink Bollworm -- Apply when insects appear. Ground application is recommended. Aerial applications are less effective, but may be used. Apply in water at 3 to 10 gals. spray per acre by air (minimum 5 gals per acre in CA and AZ) or 10 to 25 gals. spray per acre by ground. Control is most effective when ground application is made in the evenings and sprays are directed toward the base and lower portion of plant. Apply when insects first appear or damage is first noted and repeat application as necessary to maintain control.** For applications of 0.55 lbs. ACEPHATE 90 SP or less, repeat at 3 day intervals. For applications greater than 0.55 lbs. of ACEPHATE 90 SP, repeat at 7 day intervals. | |

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COTTON TANK MIXES

GENERAL USE PRECAUTIONS:

Do not feed gin trash or treated forage to livestock.

Do not allow livestock to graze on treated areas.

**Do not apply more than 4.4 lbs. of ACEPHATE 90 SP per acre per crop cycle. This limitation includes all methods of application; i.e. hopper-box, in-furrow, and foliar.

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

RESISTANCE-MANAGEMENT

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

Master Label for "Acephate 90 SP" - Water Soluble Bag & Dry Formulation

| INSECTS | AMOUNT ACEPHATE 90 SP + TANK MIX PARTNER | ADDITIONAL USE INSTRUCTIONS | DAYS TO HARVEST |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Sweetpotato Whitefly (Silverleaf Whitefly) | 0.5 lb. ACEPHATE 90 SP + 10 ² / ₃ to 16 fl. oz. DANITOL® 2.4 EC | <p>Apply in water at 3 to 10 gals. spray per acre by air (minimum 5 gals per acre in CA) or 10 to 25 gals. spray per acre by ground.</p> <p>User should comply with all applicable directions, restrictions and precautions on the EPA registered label for DANITOL® 2.4 EC Spray.</p> <p>Apply when insects first appear or when damage is first noted and repeat application as necessary to maintain control.**</p> <p>For applications of 0.55 lbs. ACEPHATE 90 SP or less, repeat at 3 day intervals.</p> | 21 |
| Armyworms (excluding Beet Armyworm) Bollworms Cabbage Looper Cotton Aphid Cutworms Fleahopper Grasshoppers Pink Bollworm Plant Bugs (Lygus, Mirids) Salt Marsh Caterpillar Thrips (including Western Flower Thrips) Tobacco Budworm Whitefly (excluding Sweetpotato/ Silverleaf Whitefly) | <p>Ground Application:</p> <p>0.28 to 1.1 lbs. ACEPHATE 90 SP + 1 to 2 pts. CHLORPYRIFOS 4E</p> <p>Aerial Application:</p> <p>0.28 to 0.83 lbs. ACEPHATE 90 SP + 1 to 2 pts. CHLORPYRIFOS 4E (East of the Rockies)</p> <p>0.28 to 1.1 lbs. ACEPHATE 90 SP + 1 to 2 pts. CHLORPYRIFOS 4E (CA & AZ)</p> | <p>User should comply with all applicable directions, restrictions and precautions on the EPA registered label for CHLORPYRIFOS® 4 E.</p> <p>Cutworms: Use 0.8 lb. per acre of ACEPHATE 90 SP.</p> <p>By Ground: Ground application is recommended. Apply in 10 to 25 gals. of spray per acre.</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 plant.</p> <p>By Air: Aerial applications are less effective, but may be used. Apply in 3 to 10 gals. spray per acre (minimum 5 gals spray per acre in CA).</p> <p>Apply when insects first appear or when damage is first noted and repeat application as necessary to maintain control.**</p> <p>For applications of 0.55 lbs. ACEPHATE 90 SP or less, repeat at 3 day intervals.</p> <p>For applications greater than 0.55 lbs. of ACEPHATE 90 SP, repeat at 7 day intervals.</p> | 21 |

COTTON TANK MIXES WITH PYRETHROIDS

GENERAL USE PRECAUTIONS:

Do not feed gin trash or treated forage to livestock.

Do not allow livestock to graze on treated areas.

****Do not apply more than 4.4 lbs. of ACEPHATE 90 SP per acre per crop cycle. This limitation includes all methods of application; i.e. hopper-box, in-furrow, and foliar.**

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

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

RESISTANCE-MANAGEMENT

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

Master Label for "Acephate 90 SP" - Water Soluble Bag & Dry Formulation

| INSECTS | ACEPHATE 90 SP AND TANK MIX PARTNER | AMOUNT OF ACEPHATE 90 SP + TANK MIX PARTNER PER ACRE | | ADDITIONAL USE INSTRUCTIONS | DAYS TO HARVEST |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| | | Ground | Aerial | | |
| Aphids Bollworm Cabbage Looper Cotton Leaf Perforator Cutworms* Fall Armyworm Fleahoppers Pink Bollworm (AZ & CA) Plantbugs Stinkbugs Sweetpotato/Silverleaf Whitefly Thrips (including Western Flower Thrips) Tobacco Budworm Whitefly | ACEPHATE 90 SP + one of the following | 0.5 to 1.0 lb. per acre + one of the following | 0.5 to 0.83 lb. per acre (East of the Rockies) 0.5 to 1.0 lb. per acre (CA & AZ) + one of the following | Apply in water at 3 to 10 gals. spray per acre by air (minimum 5 gals per acre in CA) or 10 to 25 gals. spray per acre by ground. Apply when eggs or insects appear and repeat as needed to maintain control.** For applications of 0.55 lbs. ACEPHATE 90 SP or less, repeat at 3 day intervals. For applications greater than 0.55 lbs. of ACEPHATE 90 SP, repeat at 7 day intervals. Stinkbugs: Use 0.8 lb. per acre of ACEPHATE 90 SP. * Cutworms: Use 0.8 lb. per acre of ACEPHATE 90 SP. By Ground: Ground application is recommended. Control is most effective when ground applications is made in the evenings and sprays are directed toward the base and lower portion of plant. By Air: Aerial applications are less effective, but may be used. | 21 **28 (mixed with SCOUT® X-TRA) |
| | 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. | | | |
| | BIFENTHRIN 2 EC | Refer to the BIFENTHRIN 2 EC approved label for use instructions. | | | |
| | CYPERMETHRIN 2.5 EC* | Refer to the CYPERMETHRIN 2.5 EC approved label for use instructions. | | | |
| | KARATE® 1 EC (Except CA) | Refer to the KARATE® 1 EC approved label for use instructions. | | | |
| | PERMETHRIN 2 EC | Refer to the PERMETHRIN 2 EC approved label for use instructions. | | | |
| | PERMETHRIN 3.2 EC* | Refer to the PERMETHRIN 3.2 EC approved label for use instructions. | | | |
| | SCOUT® X-TRA (Except CA) | Refer to the SCOUT® X-TRA approved label for use instructions. | | Apply when eggs or insects first appear or damage is first noted. Repeat application as necessary to maintain control.** | |

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STORAGE AND DISPOSAL

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

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

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

CONTAINER DISPOSAL: Do not reuse the 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.

IMPORTANT INFORMATION READ BEFORE USING PRODUCT

LIMITED WARRANTY:

1. Control Solutions, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. Control Solutions, Inc. does not make nor authorizes any agent or representative to make, any other warranty, guarantee or representations, express or implied, concerning this product. Specifically, **NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.**
2. Critical and unforeseeable factors beyond Control Solutions, Inc.'s control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are limited to, damage to plants and crops to which product is applied, lack of complete control over the handling and application of this product, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit under average conditions for the use stated on the labeling and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Control Solutions, Inc. under 1. above) resulting from handling, storage and use of the product.
3. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product.

ASANA® – Reg. TM of E.I. DuPont de Nemours & Co., Inc
BAYTHROID®, SCOUT® – Reg. TM of Bayer Crop Science, LP
DANITOL®, DEADHATCH® – Reg. TM of Valent USA Corporation
KARATE® -- Reg. TM of Syngenta Crop Protection, Inc.

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Master Label for "Acephate 90 SP" - Water Soluble Bag & Dry Formulation

(Label Text to be Printed on Water Soluble Package)

Acephate 90 SP

Cotton Insecticide
(in Water Soluble Bags)

| | |
|----------------------------------------------------------|---------------|
| ACTIVE INGREDIENT | By Wt. |
| Acephate (O,S-Dimethyl acetylphosphoramidothioate) | 90% |
| INERT INGREDIENTS | <u>10%</u> |
| TOTAL | 100% |

KEEP OUT OF REACH OF CHILDREN

CAUTION

**PLEASE REFER TO PRODUCT LABELING FOR ADDITIONAL
PRECAUTIONARY STATEMENTS AND COMPLETE DIRECTIONS FOR USE.**

EPA Reg. No. 53883-RGE

18/22

Master Label for "Acephate 90 SP" - Water Soluble Bag & Dry Formulation

ACCEPTED
with COMMENTS
in EPA Letter Dated

(Label Language for Dry Formulation)

JAN 7 2005

Acephate 90 SP

Cotton Insecticide

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

53883-132

| | |
|----------------------------------------------------------|---------------|
| ACTIVE INGREDIENT | By Wt. |
| Acephate (O,S-Dimethyl acetylphosphoramidothioate) | 90% |
| INERT INGREDIENTS | 10% |
| TOTAL | 100% |

KEEP OUT OF REACH OF CHILDREN

CAUTION

| FIRST AID | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contains an organophosphate that inhibits cholinesterase. | |
| If swallowed | <ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • 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. |
| If in eyes | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. |
| If on skin or clothing | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. |
| If inhaled | <ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice. |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. | |
| NOTE TO PHYSICIAN | |
| Acephate is a cholinesterase inhibitor. If signs of cholinesterase inhibition appear, atropine is antidotal. 2-PAM may also be used in conjunction with atropine but should not be used alone. | |

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

EPA Reg. No. 53883-RGE

EPA Est. No. 39578-TX-01

Manufactured by:
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

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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. Wash hands thoroughly after handling.

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 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.

In addition, mixers and loaders supporting hopper box seed treatment 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.

USER SAFETY RECOMMENDATIONS

Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Cover or soil-incorporate spills.

Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Exposed seed may be hazardous to birds and other wildlife. Dispose of all excess treated seed and seed packaging by burial away from bodies of water.

This product is highly toxic to bees exposed to direct treatment or residues 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.

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DIRECTIONS FOR USE

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

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

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

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

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

GENERAL INFORMATION

ACEPHATE 90 SP is an insecticide which controls a number of economically important pests in cotton. The active ingredient 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 90 SP through ingestion than by contact.

FAILURE TO FOLLOW THE DIRECTION FOR USE AND PRECAUTIONS ON THIS 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.

COTTON

GENERAL USE PRECAUTIONS:

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

Do not feed gin trash to livestock.

Do not allow animals to graze on treated areas.

**Do not apply more than 4.4 lbs. of ACEPHATE 90 SP per acre per crop cycle. This limitation includes all methods of application; i.e. hopper-box, in-furrow, and foliar.

**COTTON SEED HOPPER BOX TREATMENT
(EXCEPT AZ, CA AND THE BLACK LANDS OF TEXAS)**

| INSECTS | AMOUNT ACEPHATE 90 SP PER ACRE | ADDITIONAL USE INSTRUCTIONS |
|-------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Black (Greasy) Cutworm Cotton Aphids Thrips (including Western Flower Thrips) | 2.5 to 3.25 oz. | <p>Add dry ACEPHATE 90 SP to seed in the planter box to achieve an application rate of 2.5 to 3.25 oz. per acre.</p> <p>Even coverage of seed is required for acceptable insect control. Plants grown from improperly treated seed may not exhibit insect control. To obtain even coverage, fill planter box 1/2 full of seed, add 1/2 of required ACEPHATE 90 SP and mix thoroughly. Add remainder of seed and ACEPHATE 90 SP to the hopper box and thoroughly mix.</p> <p>Improved distribution of ACEPHATE 90 SP on seed can be achieved by premixing both in a separate container and then transferring treated seed to hopper box.</p> <p>Use of ACEPHATE 90 SP with air planter is not recommended since loss of product will occur.</p> |

USE PRECAUTIONS:

- Do not use treated seed for food or feed purposes or process for oil.
- ACEPHATE 90SP cotton seed hopper box treatment is not permitted in Arizona, California or the Black Lands of Texas.

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STORAGE AND DISPOSAL

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

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

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

CONTAINER DISPOSAL: Completely empty 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.

IMPORTANT INFORMATION READ BEFORE USING PRODUCT

LIMITED WARRANTY:

1. Control Solutions, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. Control Solutions, Inc. does not make nor authorizes any agent or representative to make, any other warranty, guarantee or representations, express or implied, concerning this product. Specifically, **NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.**
2. Critical and unforeseeable factors beyond Control Solutions, Inc.'s control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are limited to, damage to plants and crops to which product is applied, lack of complete control over the handling and application of this product, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit under average conditions for the use stated on the labeling and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Control Solutions, Inc. under 1. above) resulting from handling, storage and use of the product.
3. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product.