





















## COTTON TANK MIXES WITH PYRETHROIDS

### USE RESTRICTIONS

- 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 1/8 lbs. ORTHENE 97 (4 lbs. ai) /A per crop cycle. This includes the use of ORTHENE in commercial seed treatment, in furrow spray and foliar applications.
- For repeat applications, use a minimum spray interval of 7 days.

### For Aerial Application:

- Do not apply more than 1 lb./A ORTHENE 97 per application to cotton grown in AZ and CA.
- Do not apply more than 3/4 lb./A ORTHENE 97 per application to cotton grown in all other states except AZ and CA.

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.

**TABLE 6. COTTON TANK MIXES WITH PYRETHROIDS**

APPLICATION METHOD	PESTS CONTROLLED	ORTHENE 97 AND TANK MIX PARTNER	AMOUNT OF ORTHENE 97 PER ACRE	REMARKS <sup>1</sup>	DAYS TO HARVEST
<b>FOLIAR</b>  <b>By Ground:</b> 10 to 25 gals./A spray.  <b>By Air:</b> 3 to 5 gals./A spray (minimum 5 gals./A in CA). See aerial remarks for Cutworm.	Aphid Bollworm Cabbage Looper Cotton Leaf Perforator Cutworm Fall Armyworm Fleahoppers Pink Bollworm Stinkbugs Sweetpotato/ Tobacco Whitefly Thrips (including western flower) Tobacco Budworm Whitefly	ORTHENE 97 + AMMO® 2.5 EC*	1/2 lb./A (up to 16 oz.) + one of the following:	Apply when eggs or insects first appear.  <b>Stinkbugs:</b> Use 3/4 lb./A of ORTHENE 97.  <b>*Cutworm:</b> Use 3/4 lb./A of ORTHENE 97.	21
		Refer to the AMMO 2.5 EC approved label for use instructions.	Control is most effective when ground application is made in the evenings and sprays are directed toward the base and lower portion of plant.  <b>By Air:</b> 3 to 10 gals./A spray (minimum 5 gals./A in CA)  Aerial applications are less effective, but may be used.  Apply when eggs or insects first appear or damage is first noted.	21	
<b>FOLIAR</b>  <b>By Ground:</b> 10 to 25 gals./A spray.		ASANA® XL*	Refer to the ASANA XL approved label for use instructions.		21

APPLICATION METHOD	PESTS CONTROLLED	ORTHENE 97 AND TANK MIX PARTNER	AMOUNT OF ORTHENE 97 + TANK MIX PARTNER PER ACRE	REMARKS <sup>1</sup>	DAYS TO HARVEST
<p><b>By Air:</b> 3 to 5 gals./A spray (minimum 5 gals./A in CA). See aerial remarks for Cutworm.</p> <p><b>For Aerial Application</b></p> <ul style="list-style-type: none"> <li>Do not apply more than 1 lb./A ORTHENE 97 per application to cotton grown in AZ and CA.</li> <li>Do not apply more than 3/4 lb./A ORTHENE 97 per application to cotton grown in all other states except AZ and CA.</li> </ul>		BAYTHROID® 2 EC	Refer to the BAYTHROID 2 EC approved label for use instructions.		21
		CAPTURE® 2 EC	Refer to the CAPTURE 2 EC approved label for use instructions.		21
		KARATE® 1 E (except CA)	Refer to the KARATE 1 E approved label for use instructions.		21
		SCOUT X-TRA® (except CA)	Refer to the SCOUT X-TRA approved label for use instructions.		28

<sup>1</sup>For repeat applications, use a minimum spray interval of 7 days.

#### RESISTANCE MANAGEMENT

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

## CRANBERRY

- Limit to one application per growing season.
- Do not apply more than 1.0 lb. ORTHENE 97 (1.0 lb. ai) per season.
- Do not apply from start of bloom until all berries set.

**TABLE 7. CRANBERRY**

APPLICATION METHOD	PESTS CONTROLLED	RATE OF ORTHENE 97 PER ACRE	REMARKS	DAYS TO HARVEST
<p><b>FOLIAR</b></p> <p><b>By Ground or Sprinkler:</b> Sufficient water to give thorough coverage.</p> <p><b>By Air:</b> Minimum of 2 gals./A of spray.</p>	Cranberry Blossom Worm Cranberry Cutworm Gypsy Moth False Armyworm Fireworm Spanworm Sparganothis	1.0 lb. (16 oz.)	<p><b>SPRINKLER IRRIGATION APPLICATION TO CRANBERRIES:</b></p> <p>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.</p> <p>Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniform distribution of treated water.</p> <p>If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.</p>	90
<p><b>FOLIAR</b></p> <p><b>By Sprinkler:</b> Sufficient water to give thorough coverage.</p> <p><b>By Air:</b> Minimum of 2 gals./A of spray.</p>	Cranberry Blossom Worm Cranberry Cutworm Gypsy Moth False Armyworm Fireworm Spanworm Sparganothis	1.0 lb. (16 oz.)	<p><b>RESTRICTION:</b> Use limited to MA, NJ, OR, WA and WI.</p> <p><b>SPRINKLER IRRIGATION APPLICATION TO CRANBERRIES:</b></p> <p>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.</p> <p>Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniform distribution of treated water.</p> <p>If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.</p>	75

**Chemigation:** Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch, which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

**Solid Set System:** Apply specified dosage for the entire length of the irrigation period, or for a 30 to 60 minute period at the end of a regular irrigation set, or as a 30 to 60 minute injection as a separate application not associated with a regular irrigation. Allow time for all lines to flush the pesticide through all nozzles before turning off irrigation water. To ensure the lines are flushed and free of remaining pesticide, a dye indicator may be injected into the lines to mark the end of the application period. See **NOTE**.

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

**NOTE:** Constant agitation must be maintained in the chemical supply tank during the entire period of insecticide application. Inject the product with a positive displacement pump into the main line ahead of a right 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

### USE RESTRICTIONS

- Do not apply more than 2 1/8 lbs./A (2 lbs. ai) ORTHENE 97 per crop cycle.
- 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.
- For repeat applications, use a minimum spray interval of 3 days for application rates up to and including 1/2 lb. product/A and a minimum of 7 days for rates exceeding 1/2 lb./A.

**TABLE 8. HEAD LETTUCE - Crisphead Type Only**

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ORTHENE 97 PER ACRE	REMARKS	DAYS TO HARVEST
<b>FOLIAR</b>  <b>By Ground:</b> 10 to 60 gals./A of spray broadcast.  <b>By Air:</b> Minimum of 5 gals./A of spray.	Aster Leafhopper Green Peach Aphid	1/2 to 1.0 lb. (8 to 16 oz.)	Applications may be made in spring, summer and early fall in all areas; winter applications may be made in AZ, CA, FL and TX; and late fall applications may be made in AZ.	21
	Armyworm (excluding Beet Armyworm) Cabbage Looper	1.0 lb. (16 oz.)		

## MINT - Peppermint and Spearmint

### USE RESTRICTIONS

- Do not apply more than 2 1/8 lbs./A (2 lbs. ai) ORTHENE 97 per crop cycle.
- Do not graze treated areas.
- Do not feed spent mint hay to animals.

**TABLE 9. MINT - Peppermint and Spearmint**

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ORTHENE 97 PER ACRE	REMARKS	DAYS TO HARVEST
<b>FOLIAR</b>  <b>By Ground:</b> 20 to 100 gals./A of spray.  <b>By Air:</b> 5 to 10 gals./A of spray.	Alfalfa Looper Aphid Cutworm	1.0 lb. (16 oz.)	Apply when eggs or insects first appear.  Maximum number of applications per year is 2. The minimum application interval is 7 days.	14
<b>FOLIAR</b>  <b>By Ground:</b> 40 to 100 gals./A of spray.	Strawberry Root Weevil Adult Black Vine Weevil Adult	1.0 lb. (16 oz.)	<b>Strawberry Root and Black Vine Weevil:</b> 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.  Make one repeat application, at a minimum of a 7 day interval, if necessary to maintain control.	14

**NON-BEARING CITRUS - In Agricultural Settings  
(Newly Planted Groves)**

**USE RESTRICTIONS**

- Do not graze treated areas.
- DO NOT HARVEST citrus for one year (365 days) after treatment.

**TABLE 10. NON-BEARING CITRUS**

APPLICATION METHOD	PESTS CONTROLLED	RATE OF ORTHENE 97 PER ACRE	REMARKS
<b>FOLIAR</b>  By Ground: 100 to 200 gals./A of spray.	Aphid Grasshopper Katydid Mealybug Orangedog Plantbug Thrips Whiteflies (except Sweetpotato/Silverleaf)	1/2 lb. (8 oz.)	For repeat applications, use a minimum spray interval of 7 days.
	Citrus Blackfly*	1/2 to 3/4 lb. (8 to 12 oz.)	Apply when eggs or insects first appear.  Use the high rate when a heavy infestation is present.  For repeat applications use a minimum spray interval of 7 days.
	Ants (excluding Fire, Harvester, Carpenter and Pharaoh Ants)	3/4 lb. (12 oz.)	For repeat applications, use a minimum spray interval of 7 days.
Spray individual juvenile or non-bearing trees for coverage with total application not to exceed specified rate in lbs. per acre. Length of residual activity will depend upon spray coverage and the amount of moisture following application.			
<b>SOIL MOUND TREATMENT</b>  <b>DRENCH METHOD</b>	Ants (excluding Carpenter and Pharaoh)*	3/4 oz./5 gals.	Apply 1 gal. of mix to each mound area by sprinkling the mound until it is wet and treat a 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.

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

**NON-CROP AREAS**

**Field Borders, Fencerows, Roadsides, Ditchbanks, Borrow Pits**

**USE RESTRICTIONS**

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

**TABLE 11. NON-CROP AREAS – Field Borders, Fencerows, Roadsides, Ditchbanks, Borrow Pits**

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

**NON-CROP AREAS - Wasteland**

**USE RESTRICTIONS**

- Do not make more than one application ORTHENE 97 per season.
- Do not graze or feed vegetation cut from treated areas.

**TABLE 12. NON-CROP AREAS - Wasteland**

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ORTHENE 97 PER ACRE	REMARKS
<b>FOLIAR</b>  <b>By Ground:</b> 10 to 20 gals./A of spray.  <b>By Air:</b> 1/2 gal./A of spray (minimum of 5 gals./A in CA).	Black Grass Bugs Grasshopper Mormon Crickets	1.5 oz. to 2 oz.	Use the higher volumes when spraying dense foliage.  An approved drift retardant may be added to aid in controlling drift and reducing evaporation of aerial sprays.

**PEANUTS**

**USE RESTRICTIONS**

- 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. ai) ORTHENE 97 per crop cycle. This includes the use of ORTHENE 97 on peanuts as a foliar spray in addition to the peanut planterbox seed treatment use.
- For repeat applications, use a minimum spray interval of 3 days for application rates up to and including 1/2 lb. product/A and a minimum of 7 days for rates exceeding 1/2 lb. product/A.

**TABLE 13. PEANUTS**

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ORTHENE 97 PER ACRE	REMARKS	DAYS TO HARVEST
<b>FOLIAR</b>  <b>By Ground:</b> 10 to 50 gals./A of spray.  <b>By Air:</b> 5 to 10 gals./A of spray.	Grasshopper	1/4 to 1/2 lb. (4 to 8 oz.)	Apply when eggs or insects first appear.  ORTHENE 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	14 (of digging)



Thrips	3/8 to 3/4 lb. (6 to 12 oz.)	precautions are observed, and provided no label dosage rates are exceeded.
Corn Earworm Fall Armyworm Leafhoppers Loopers Velvetbean Caterpillar	3/4 to 1.0 lb. (12 to 16 oz.)	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 5 minutes. If the combination remains mixed, or can be remixed readily, the mixture is considered physically compatible. When mixing wettable powder or dry flowable formulations, add and disperse these first, then add liquid pesticides. Conduct another compatibility test at concentrations, which will be present in the irrigation lines. If there is any separation, which cannot be remixed readily, AMVAC 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

#### USE RESTRICTIONS

- Do not apply more than 2 1/8 lbs./A (2 lbs. ai) ORTHENE 97 per crop cycle.
- For repeat applications, use a minimum spray interval of 3 days for application rates up to and including 1/2 lb. product/A and a minimum of 7 days for rates exceeding 1/2 lb. product/A.

**TABLE 14. PEPPERS - Bell**

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ORTHENE 97 PER ACRE	REMARKS	DAYS TO HARVEST
<b>FOLIAR</b>  <b>By Ground:</b> 25 to 150 gals./A of spray.  <b>By Air:</b> Minimum of 3 gals./A of spray (minimum of 5 gals./A in CA).	Grasshopper	1/4 to 1/2 lb. (4 to 8 oz.)	Apply when eggs or insects first appear.	7
	Cabbage Looper Green Peach Aphid Tobacco Hornworm	1/2 to 1.0 lb. (8 to 16 oz.)		
	European Corn Borer	3/4 to 1.0 lb. (12 to 16 oz.)		

### PEPPERS – Non-Bell

**FOR USE IN MIDWESTERN, EASTERN STATES AND PUERTO RICO ONLY.**

#### USE RESTRICTIONS

- Do not apply more than 1 lb./A (1 lb. ai) ORTHENE 97 per crop cycle.

**TABLE 15. PEPPERS - Non-Bell**

APPLICATION METHOD	PESTS CONTROLLED	RATE OF ORTHENE 97 PER ACRE	REMARKS	DAYS TO HARVEST
<b>FOLIAR</b>  By Ground: 40 to 150 gals./A of spray.	Aphid	1/2 lb. (8 oz.)	For repeat application use a minimum spray interval of 3 days.	7

**SOYBEANS**

**USE RESTRICTIONS**

- Do not graze or cut vines for hay or forage.
- Do not apply more than 1.5 lbs./A (1.5 lbs. ai/A) of ORTHENE 97 per season.
- Do not apply ORTHENE 97 within 14 days of harvest.
- For rates up to 0.5 lb./A, at least 3 days must pass between applications of ORTHENE 97.
- For rates between 0.5 lb. product/A and 1.0 lb./A, at least 7 days must pass between applications of ORTHENE 97.
- Always read and follow all label directions, restrictions and precautions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.

**TABLE 16. SOYBEANS**

APPLICATION METHOD	PESTS CONTROLLED	RATES OF ORTHENE 97 PER ACRE	REMARKS	DAYS TO HARVEST
<b>FOLIAR</b> By Air: 5 to 10 gals./A of spray  By Ground: 10 to 50 gals./A of spray	Grasshopper Thrips	0.25 to 0.5 lb.	Repeat treatment as necessary to maintain control, but do not exceed a maximum of 1.5 lbs./A (1.5 lbs. ai/A) per season.	14
	Potato Leafhopper Stink Bugs	0.5 to 1 lb.		
	Armyworms (except Beet) Bean Leaf Beetle Cabbage Looper Green Cloverworm Mexican Bean Beetle Soybean Aphid Threecornered Alfalfa Hopper Velvetbean Caterpillar	0.75 to 1 lb.		

**TOBACCO (Except CA) - Transplant Water Application**

**USE RESTRICTIONS**

- Do not apply more than 4 1/8 lbs./A (4 lbs. ai) ORTHENE 97 per crop cycle. This includes the use of ORTHENE 97 in transplant water, plant bed, soil, float bed (greenhouse) and foliar applications.

**TABLE 17. TOBACCO (Except CA) - Transplant Water Application**

CROP	PESTS CONTROLLED	AMOUNT ORTHENE 97 PER ACRE	FURTHER USE INSTRUCTIONS
Tobacco	Cutworm Flea Beetle Green Peach Aphid Potato Tuberworm Tobacco Aphid Tobacco Thrips	3/4 lb. (12 oz.)	<p>Provides control of early season flea beetles, green peach Aphid, Tobacco Aphid, and Cutworm for approximately 3 to 4 weeks after transplanting. For later season control of these insects, apply a foliar spray of ORTHENE 97.</p> <p>Apply in a minimum of 100 gals. of transplant water per acre. ORTHENE 97 should be pre-mixed in water to form a slurry solution prior to adding to the transplant water tank.</p> <p>Do not apply more than 3/4 lb. ORTHENE 97 per acre as a transplant water application as some phytotoxicity may occur.</p> <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>

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**TOBACCO (Except CA) – Foliar Application**

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**USE RESTRICTIONS**

- For repeat applications use a minimum spray interval of 3 days for application rates up to and including 1/2 lb. product/A and a minimum of 7 days for rates exceeding 1/2 lb. product/A.
- Do not apply more than 4 1/8 lbs./A (4 lbs. ai) ORTHENE 97 per crop cycle. This includes the use of ORTHENE 97 in transplant water, plant bed, soil, float bed (greenhouse) and foliar applications.

**TABLE 18. TOBACCO (Except CA) - Foliar Application**

CROP	PESTS CONTROLLED	AMOUNT ORTHENE 97 PER ACRE	FURTHER USE INSTRUCTIONS	DAYS TO HARVEST
Tobacco (Flue-Cured, Air Cured, Dark Fire Cured)	Grasshopper	1/4 to 1/2 lb. (4 to 8 oz.)	Apply in 10 to 50 gals. of water per acre with ground equipment or a minimum of 3 gals. per acre by air.	3
	Flea Beetle Green Peach Aphid Hornworm Tobacco Thrips	1/2 lb. (8 oz.)		
	Stinkbugs Tobacco Aphid Vegetable Weevils	1/2 to 3/4 lb. (8 to 12 oz.)		
	Budworm Cabbage Looper Cutworm Japanese Beetle	3/4 lb. (12 oz.)		

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**TOBACCO (Except CA) – Plant Bed Application**

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**USE RESTRICTIONS**

- Do not apply more than 4 1/8 lbs./A (4 lbs. ai) ORTHENE 97 per crop cycle. This includes the use of ORTHENE 97 in transplant water, plant bed, soil, float bed (greenhouse) and foliar applications.

**TABLE 19. TOBACCO (Except CA) - Plant Bed Application**

CROP	PESTS CONTROLLED	AMOUNT ORTHENE 97 PER ACRE	FURTHER USE INSTRUCTIONS
Tobacco Bed Treatment	Cutworm Flea Beetle Green Peach Aphid Tobacco Aphid	3/4 lb. (12 oz.)	Apply to foliage at the equivalent of 3/4 Tbsp. in 1 gal. of water per every 1,000 sq. ft. of bed. Apply evenly to insure thorough coverage.  For repeat applications use a minimum spray interval of 7 days.

**TOBACCO (Except CA) – Greenhouse Application**

**USE RESTRICTIONS**

- Do not apply more than 4 1/8 lbs./A (4 lbs. ai) ORTHENE 97 per crop cycle. This includes the use of ORTHENE 97 in transplant water, plant bed, soil, float bed (greenhouse) and foliar applications.

**TABLE 20. TOBACCO (Except CA) Greenhouse Application**

CROP	PESTS CONTROLLED	AMOUNT ORTHENE 97 PER ACRE	FURTHER USE INSTRUCTIONS
Tobacco	Cutworm Flea Beetle Green Peach Aphid Tobacco Aphid	3/4 lb. (12 oz.)	Apply to foliage at the equivalent of 3/4 Tbsp. in 3 gals. water per every 1,000 sq. ft. of bed. Apply evenly to ensure thorough coverage.  For repeat applications use a minimum spray interval of 7 days.  <b>Note:</b> Floatbed water should be disposed of in the transplanted field in either transplant water or foliar spray.

**TOBACCO (Except CA) – Soil Application**

**USE RESTRICTIONS**

- Do not apply more than 4 1/8 lbs./A (4 lbs. ai) ORTHENE 97 per crop cycle. This includes the use of ORTHENE 97 in transplant water, plant bed, soil, float bed (greenhouse) and foliar applications.
- Treat maximum of 13 mounds per acre.
- Do not treat more than once per season.

**TABLE 21. TOBACCO (Except CA) - Soil Application**

CROP	PESTS CONTROLLED	AMOUNT ORTHENE 97	FURTHER USE INSTRUCTIONS	DAYS TO HARVEST
Tobacco	Ants (excluding Carpenter, Fire, Harvester and Pharaoh)	<b>Drench Method:</b> 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 4 foot diameter circle around the mound.	For best results apply the material in the early morning or late afternoon when the ants are most active.  Applications made under prolonged hot and dry conditions may be ineffective due to the location of the ants deep within the nest.	3

## STORAGE AND DISPOSAL

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

### PESTICIDE STORAGE

Keep pesticide in original container.

Do not put concentrate or dilute into food or drink containers.

Store in a cool, dry place. Protect from excessive heat.

Do not contaminate food or foodstuffs.

Do not store or transport near feed or food.

For help with any spill, leak, fire or exposure involving this material, call day or night **1-888-462-6822**.

**PESTICIDE DISPOSAL:** To avoid wastes, use all materials in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

### CONTAINER DISPOSAL

Nonrefillable container. Do not reuse or refill this container. Completely empty canister into application equipment. Do not reuse container. Dispose of empty canister in a sanitary landfill or by incineration, or offer for recycling, if available, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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## LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; and (b) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions. THIS WARRANTY DOES NOT EXTEND TO THE USE OF THIS PRODUCT CONTRARY TO LABEL INSTRUCTIONS, OR UNDER CONDITIONS NOT REASONABLY FORESEEABLE.

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