

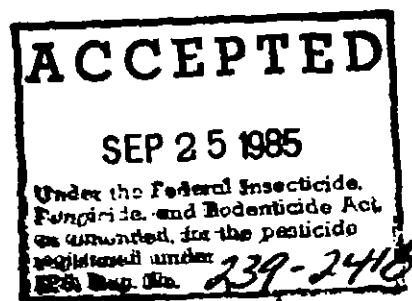
Reg # 59639-26 · PM-14

193

ORTHENE 75 S Soluble Powder
EPA Reg. No. 239-2418
Submitted: August 19, 1985

COPY A

Cotton Aphid,



↓
Transferred to
59639-26

CONFIDENTIAL
PROPERTY OF
CHEVRON CHEMICAL COMPANY
UNTIL ACCEPTED BY EPA

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes eye irritation. Avoid contact with eyes, skin and clothing. Avoid breathing dust or spray mist.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, give a large amount of water to drink, make person vomit and call a doctor. In case of eye contact, wash eyes with fresh water for 15 minutes. If irritation continues, see a doctor. Wash hands thoroughly after handling.

Note to Physicians: Emergency Information: Call 415-233-3137. Atropine is a cholinesterase inhibitor. If signs of cholinesterase inhibition appear, atropine is antidote. 2-PAM may also be used in conjunction with atropine but should not be used alone.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water or wetlands. Cover or soil incorporate spills.

This product is highly toxic to birds exposed to direct treatment or residues on blooming crops or weeds. Do not apply with wind machine or within 30 ft of blooming crops or weeds. Birds are a strong treatment area.

DIRECTIONS FOR USE

Read entire label carefully with this product in a manner consistent with its label. READ ENTIRE LABEL USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

REENTRY STATEMENT

Keep all other people and animals off treated areas until 24 hours after application. Do not enter treated areas until 24 hours after application. Do not enter treated areas until 24 hours after application. Do not enter treated areas until 24 hours after application. Do not enter treated areas until 24 hours after application.

Within 24 hours after application, do not enter treated areas until 24 hours after application. Do not enter treated areas until 24 hours after application. Do not enter treated areas until 24 hours after application. Do not enter treated areas until 24 hours after application.

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 use concentrate or dilution in other containers. Store in cool, dry place. Protect from excessive heat. Do not contaminate food or feedstuffs. Do not store or transport treated food or feed. For help with any spill, leak, fire or exposure, call 415-233-3137.

PESTICIDE DISPOSAL

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

CONTAINER DISPOSAL

Empty container, triple rinse, and then dispose of it in the manner prescribed on the label. Do not reuse or refill. Do not use for any other purpose. Do not use for any other purpose. Do not use for any other purpose. Do not use for any other purpose.

DIRECTIONS

Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre.

BEANS AND LIMA BEANS: Dry and Succulent forms: Fleahoppers, Grasshoppers, Armyworms, Aphids, Bean Leaf Beetle, Bean Leafroller, Cabbage Looper, Cutworms, Green Cloverworm, Leafhoppers, Mexican Bean Beetle, Plantbugs (Lygus), Soybean Looper, Thrips, Whitefly. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre.

BRUSSELS SPROUTS, CAULIFLOWERS: Cabbage Looper, Diamondback Moth, Imported Cabbageworm. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre.

CELERY: Green Peach Aphid. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre.

per acre (range): Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre. Apply 1 to 2 lbs. per acre.

CRANBERRIES: European, Spanish, Sparganopsis. Apply 1 to 1.5 lbs. per acre by air ground or with sprayers. Use a minimum of 2 gallons of water per acre by air or sufficient water to give thorough coverage with ground or sprayer equipment.

HEAD LETTUCE (Crisphead Type Only): Green Peach Aphid. Apply 1 to 1.5 lbs. per acre. Cabbage Looper and Armyworms. Apply 1 to 1.5 lbs. per acre. Apply in 10 to 60 gals. of spray mix by ground or broadcast application or in 5 to 10 gals. of spray mix by air. Apply as necessary to maintain desired control. Do not apply more than 6 lbs. per acre per season. Do not feed to livestock or allow animals to graze on treated areas. For spring, summer and early fall crops in all areas and winter crops in Florida and Texas do not apply within 21 days of harvest. For late fall crops in Arizona and winter crops in Arizona and California do not apply within 21 days of harvest except that for crops which germinate from mid September through November in desert areas, do not apply after first head begins to form.

IMPORTED FIRE ANTS: Mound Treatment. Drench Method. Mix 1 lb. of 5 gallons of water. Apply 1 gallon of mixture to each mound area by sprinkling the mound until it is wet and treat a four foot diameter circle around 10' in diameter. Drench Method. Evenly distribute 1 to 2 teaspoons over the mound. For best results apply the material in the early morning or late afternoon when the ants are most active. Application made under prolonged hot and dry conditions may be ineffective due to the location of the ants deep within the mound. Grass in treated area may be injured. Treat a maximum of 13 mounds per acre. Do not treat mound more than once per season. Do not apply when lactating dairy cattle are present. Do not pasture or feed treated hay to lactating dairy cattle within 21 days after application.

PASTURES, RANGELAND, WASTELAND Grasshoppers: Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre.

PEANUTS: Grasshoppers. Apply 1 to 1.5 lbs. per acre. Thrips. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre.

PEPPERMINT, SPEARMINT: Alfalfa Looper, Cutworms, Aphids. Apply 1 to 1.5 lbs. per acre in 20 to 100 gals. of spray mix by ground or in 5 to 10 gals. of spray mix by air. Begin applications when eggs or insects first appear. Make one repeat application if necessary to maintain control. Do not apply more than twice per season. Do not apply within 14 days of harvest.

PEPPERS (Non Bell Type): For Use in Midwestern and Eastern States Only. Aphids. Apply 1 to 1.5 lbs. per acre in 20 to 100 gals. of spray mix by ground or in 5 to 10 gals. of spray mix by air. Begin applications when eggs or insects first appear. Make one repeat application if necessary to maintain control. Do not apply more than twice per season. Do not apply within 14 days of harvest.

SOYBEANS: Grasshoppers. Apply 1 to 1.5 lbs. per acre. Soybean Looper, Cabbage Looper, Green Cloverworm, Velvetbean Caterpillar, Bean Leaf Beetle, Mexican Bean Beetle. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre.

SWEET PEPPERS (Bell Type): Grasshoppers. Apply 1 to 1.5 lbs. per acre. Cabbage Looper, Green Peach Aphid, Tobacco Hornworm. Apply 1 to 1.5 lbs. per acre. European Corn Borer. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre. Apply 1 to 1.5 lbs. per acre.

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

NOTE: This product is highly flammable. Keep away from fire. Do not use in enclosed spaces. Do not use in enclosed spaces. Do not use in enclosed spaces. Do not use in enclosed spaces. Do not use in enclosed spaces. Do not use in enclosed spaces. Do not use in enclosed spaces. Do not use in enclosed spaces.

CONDITIONS OF SALE: This product is sold as is, without warranty. Chevron warrants that this material conforms to the chemical description on the label and is suitable for use as directed hereon. Chevron makes no other warranties, express or implied, for the use of this material.

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BEST AVAILABLE C

Chevron Chemical Company

3000 Ag Center, Houston, Texas 77002
P.O. Box 111, Houston, Texas 77002
Form 555-32 Product 5332 Made in U.S.A.
EPA Reg No. 239-2418 AA

COPY A

OPTIMUM: Armyworm and Cabbage Looper — Apply 1½ lbs. per acre. **Florida Sweet** — Apply ½ to 1½ lbs. per acre. **Peachworm** — Apply ½ lb. per acre. **Colorado** — Apply ½ to 1½ lbs. per acre. **Thrips** — Apply 2 to 4 oz. per acre. **Begin applications when eggs or insects appear and apply as needed to maintain control.** **Bethlehem and Tobacco Budworm** (Florida, Alabama, Georgia, Arkansas, Louisiana, Mississippi and Texas Only) — Apply ½ lb. per acre in early season under light infestations. Increase the rate to 1 to 1½ lbs. in mid and late season as infestations become moderate to severe. **California and Arizona Only** — Apply 1½ lbs. per acre. **Begin applications when bethlehem and tobacco budworm eggs appear in the field and maintain a 3 to 7 day spray schedule.** Apply in 10 to 25 gals. water with ground equipment or in 3 to 10 gals. with aerial equipment in Southern States and in 5 to 10 gals. water with aerial equipment in California and Arizona. Do not apply within 21 days of harvest. Do not feed gin trash to livestock or allow animals to graze on treated areas.

CRANBERRIES: Fireworms, Spinyworms, Sparganathus — Apply 1 1/3 lbs. per acre by air, ground or with sprinklers. Use a minimum of 2 gallons of water per acre by air or sufficient water to give thorough coverage with ground or sprinkler equipment. Limit to 1 application per growing season. Do not apply from start of bloom until all berries are set. Do not apply within 30 days of harvest.

HEAD LETTUCE (Crisphead Type Only) — Green Peach Aphid — Apply ½ to 1½ lbs. per acre. **Cabbage Looper and Armyworms** — Apply 1½ lbs. per acre. Apply in 10 to 50 gals. of spray mix by ground as broadcast application or in 5 to 10 gals. of spray mix by air. Apply as necessary to maintain desired control. Do not apply more than 6½ lbs. per acre per season. Do not feed trimmings to livestock or allow animals to graze on treated areas. **For spring, summer and early fall crops in all areas and winter crops in Florida and Texas** do not apply within 21 days of harvest. **For late fall crops in Arizona and winter crops in Arizona and California** do not apply within 21 days of harvest except that for crops which germinate from mid September through November in desert areas, do not apply after first head begins to form.

IMPORTED FIRE ANTS: Mound Treatment — Drizzle Method — Mix 1 oz. in 5 gallons of water. Apply 1 gallon of mix to each mound area by sprinkling the mound until it is wet and treat a four (4) foot diameter circle around the mound. **Dusting Method** — Evenly distribute 1 to 2 teaspoons over 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. Grass in treated area may be injured. Treat a maximum of 13 mounds per acre. Do not treat mound more than once per season. Do not apply when lactating dairy cattle are present. Do not pasture or feed treated hay to lactating dairy cattle within 21 days after application.

Remove meat animals from treated areas at least 1 day before slaughter if they were present at application or grazed treated areas within 21 days after application.

PASTURES, RANGELAND, WASTELAND: Grasshoppers — Apply ½ to 1½ lb. 10 094 to 10 125 lb. active ingredient per acre in a minimum of ½ gal. spray solution by air or 10 to 20 gallons per acre with ground equipment. ORTHOTROL or NALCO TROL® may be added to aid in controlling drift and reducing evaporation of aerial sprays. Use the higher rate of ORTHENE 75 S Soluble Powder in thicker vegetation or on larger insects. Do not apply when lactating dairy cattle are present. Do not pasture or feed treated hay to lactating dairy cattle within 21 days after application. Do not remove hay from treated area within 21 days after application. Remove meat animals from treated areas at least 1 day before slaughter if they were present at application or grazed treated areas within 21 days after application. Do not make more than 1 application per season.

PEANUTS — Grasshoppers — Apply ½ to ½ lb. per acre. **Thrips** — Apply ½ to 1½ lb. per acre. **Corn Earworm, Fall Armyworm, Leafhoppers, Loopers, Velvetbean Caterpillar** — Apply 1 to 1½ lbs. per acre. Apply in 10 to 50 gals. water per acre with ground equipment or in 5 to 10 gals. water per acre by air. Begin applications when insects first appear and repeat as needed to maintain control. Do not apply within 14 days of digging. Do not feed treated forage or hay to livestock or allow animals to graze treated areas.

PEPPERHUT, SPEARMINT: Alfalfa Looper, Caterworms, Aphids — Apply 1½ lbs. per acre in 20 to 100 gals. of spray mix by ground or in 5 to 10 gals. of spray mix by air. Begin applications when eggs or insects first appear. Make one repeat application, if necessary, to maintain control. Do not apply more than twice per season. Do not apply within 14 days of harvest.

PEPPERS (Non Bell Type) — For Use in Midwestern and Eastern States Only: Aphids — Apply 2.3 lb. per acre and continue at 7 to 10 day intervals as needed throughout the growing season. Apply in 40 to 150 gals. of water per acre with ground equipment. Do not exceed 7 applications per season. Do not apply within 7 days of harvest.

SOYBEANS: Grasshoppers — Apply ½ to ½ lb. per acre. **Soybean Looper, Cabbage Looper, Green Cloverworm, Velvetbean Caterpillar, Bean Leaf Beetle, Mexican Bean Beetle** — Apply ½ to 1½ lbs. per acre. **Stinkbugs, Armyworms, Threecornered Alfalfa Hopper, Corn Earworm** — Apply 1 to 1½ lbs. per acre. Apply in 10 to 50 gals. of water with ground equipment or in 2 to 10 gals. with aerial equipment. Apply as needed but do not apply within 14 days of harvest. Do not graze or cut vines for hay or forage.

SWEET PEPPERS (Bell Type): Grasshoppers — Apply ½ to ½ lb. per acre. **Cabbage Looper, Green Peach Aphid, Tobacco Hornworm** — Apply ½ to 1½ lbs. per acre. **European Corn Borer** — Apply 1 to 1½ lbs. per acre. Apply in 25 to 150 gals. water per acre with ground equipment or a minimum of 3 gals. per acre by air. Begin applications when eggs or insects appear and apply as needed until insects have been reduced below economic numbers. Do not apply within 7 days of harvest.

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

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

CONDITIONS OF SALE: 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes nor authorizes any agent or representative to make any other warranty of FITNESS or of MERCHANTABILITY guarantee or representation express or implied concerning this material.

2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.

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Ortho Agricultural Chemicals Division
San Francisco CA 94120 7144 Richmond CA 94804 0036
N Form 9155 J2 Product 5332 Made in U.S.A.
EPA Reg. No. 239-2418-AA



ORTHO

ORTHENE®

75 S

Soluble Powder

(INSECTICIDE)

Active Ingredient
Acephate (O,S-Dimethyl acetylphosphoramidothioate)
Inert Ingredients
ORTHENE®, Acephate
U.S. Pat. No. 3,716,600

By Wt.
75%
25%

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS.

BEST AVAILABLE COPY

NET WEIGHT 1 POUND

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4
3