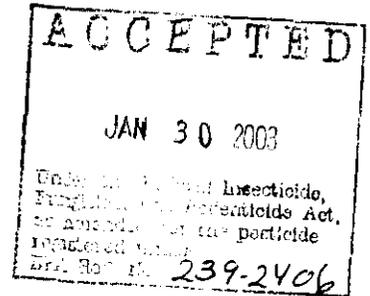


ORTHENE® Systemic Insect Spray, EPA Reg. No. 239-2406

[Optional Marketing claims to be used with this product registration]

CONTROLS: Aphids, Armyworms, Bagworms, Budworms, Cankerworms, Cuban Laurel Thrips, Flower Thrips, Gypsy Moth, Lace Bugs, Leaf Beetles, Leafhoppers, Leaf Miners, Leafrollers, Leaf tiers, Loopers, Mealybugs, Pine Tip Moth, Sawflies, Spittlebugs, Scale (crawlers), Spider Mites, Tent Caterpillars, Webworms, Whitefly, and other listed leaf eating caterpillars and worms.

- Treats up to 189 Fire Ant Mounds as a dry powder [1 lb, 12 oz size]
- Treats up to 135 Fire Ant Mounds as a dry powder [1 lb, 4 oz size]
- Treats up to 108 Fire Ant Mounds as a dry powder [1 lb size]
- Treats up to 54 Fire Ant Mounds as a dry powder [8 oz size]
- Treats up to 6 Fire Ant Mounds as a dry powder [1 oz size]
- Treats up to 3 Fire Ant Mounds as a dry powder [1/2 oz size]



- No Watering Necessary
- No Watering In!
- Sprinkle On and Forget
- Just Apply and Forget
- Fast-Acting
- Easy-To-Use
- Kills Off Existing/Visible Mounds Fast* (*within 3 to 7 days)
- Mound Treatment/Treater
- Kills the Queen & Entire colony!
- Kills the Queen/Queens
- Kills (the) Queen(s) and/& Destroys the Mound
- Kills Fire Ant Workers Within Hours
- Quick Kill of Fire Ants
- Ready-To-Use* (*when used for Fire Ant/Red Harvester Ant Mound Application)
- No Mixing Required* (*when used for Fire Ant/Red Harvester Ant Mound Application)
- Destroys Entire Colonies within 3 to 7 days

Active Ingredient	
Acephate	75%
Other Ingredients	25%

ORTHENE®, Acephate U.S. Pat. Nos. 3,716,600 & 3,914,417.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side [back] panel for additional precautionary statements.

For outdoor home use only

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

IMPORTANT: To be used only as a mound treatment for home lawns and around ornamental plants (including flowers, trees and shrubs).

tsp = teaspoon
Tbs = Tablespoon

ORTHENE Systemic Insect Spray effectively controls many of the insects that attack trees, shrubs and flowers around the home. ORTHENE Systemic Insect Spray controls insects on contact and remains effective for an extended period of time because it is systemically absorbed by plants.

Point bottle away from face when breaking seal.

Mix thoroughly and spray entire plant covering both sides of foliage thoroughly. For specific directions refer to table below. May be applied with a teaspoon measure for dry powder or a sprinkling can as a drench for treating fire ant mounds. Use a hose-end sprayer (such as an ORTHO SPRAY-ETTE® 4 or an ORTHO All-Purpose Sprayer), or tank-type sprayer for spraying and controlling other listed insects.

Rate to Apply: Apply 1 packet (1½ level Tbs or 9 grams) to 3 gals water. Spray as aphids appear. Repeat if reinfestation occurs.

Pest	Plants
Aphids	Rose, Aster, Azalea, Calendula, Carnation, Chrysanthemum, Impatiens, Pansy, Snapdragon, Boxwood, Euonymus, Hibiscus, Pyracantha, Spirea, Arborvitae, Ash, Beech, Birch, Flowering Plum, Flowering Quince, Linden, Oak, Ornamental Pear, Sycamore, Viburnum, Willow, Flowering Almond, Fir, Ivy, Photinia, Maple, Periwinkle, Pittosporum

Rate to Apply: Apply 1 packet (1½ level Tbs or 9 grams) to 2 gals water. Spray when insects are present or feeding injury is first noticed. Repeat if reinfestation occurs.

Armyworms (Southern, Fall, Beet, Yellow-Striped)	Crapemyrtle, Chinese Elm, Aster, Calendula, Rose, Petunia, Dahlia, Snapdragon
---	---

Bagworm	Arborvitae, Cedar, Juniper, Cypress, Pine, Maple, Sycamore, Locust, Boxelder, Linden, Willow
----------------	--

Budworms (Tobacco and Calendula)	Geranium, Ageratum, Snapdragon, Calendula
Cankerworms (Spring and Fall)	Maple, Oak, Linden, Birch, Hickory Beech, Hawthorn, Cockspur Thorn, Silver Maple
Cuban Laurel Thrips	Cuban Laurel (Ficus)
Fall Webworm	Ash, Alder, Boxelder, Birch, Hickory, Linden, Poplar, Sycamore, Oak, Willow, Eastern Redbud
Gladiolus Thrips	Gladiolus
Gypsy Moth	Birch, Hawthorn, Oak, Poplar, Willow, Black Gum, Hickory, Maple, Sassafras, Hemlock, Cedar, Spruce, Pine
Honeylocust Pod Gall Midge	Honeylocust
Lace Bugs	Azalea, Pyracantha, Sycamore, Zinnia, Oak, Ash
Leafhopper (Potato)	Calendula, Dahlia
Leafbeetles (Elm, Willow)	Elm (Chinese or Siberian), Willow
Leafminers	Birch, Holly, Locust, Columbine, Spruce, Alder, Oak Yaupon, Zinnia
Leafrollers (Oblique-banded and Omnivorous)	Sycamore, Oak, Sweet Gum, Hickory, Boxelder, Locust, Holly, Staghorn Sumac, Flowering Cherry, Rose, Begonia, Oleander, Carnation
Leaftiers (Cherry Laurel, Sycamore and Sweet Gum)	Cherry Laurel, Sycamore, Sweet Gum
Loopers (Barberry, Omnivorous, Cabbage)	Mahonia, Gerbera, Chrysanthemum, Kalanchoe, Petunias, Ornamental Cabbage
Maple Shoot Moth	Maple
Mimosa Webworm	Mimosa, Honeylocust
Nantucket Pine Tip Moth	Pine
Obscure Root Weevil (Adults)	Rhododendrons, Azaleas, Viburnum, Roses Special Directions: Apply full coverage spray to the foliage in late spring, as soon as feeding damage is noticed (usually about May). Repeat every 4 weeks through September. (Mid-July through August are the peak feeding times.)

Plant Bug (Ash)	Ash
Planthopper (Viburnum)	Viburnum
Psyllids	Yaupon, Holly, Hackberry, Acacia, Laurel, Willow
Sawflies (Dusky Birch, Brownheaded Ash, Willow, Redheaded Pine, Pine, European Pine, Nesting Pine, Rose Stem)	Birch, Ash, Willow, Poplar, Pine, Rose
Spittlebug	Rose, Chrysanthemum, Juniper, Euryops
Tent Caterpillars (Eastern, Western and Forest)	Maple, Oak, Poplar, Ash, Birch, Hawthorn, Flowering Cherry, Black Cherry, Willow, Choke Cherry, Oak, Black Gum, Alder
Tentmaker (Poplar)	Poplar, Willow
Tussock Moth	Pine, Holly, Fir, Hickory, Maple, Beech, Ash, Birch, Poplar, Willow, Boxelder, Wild Cherry, Oak, Elm (Chinese or Siberian), Sycamore
Catalpa Sphinx Moth	Catalpa
Cypress Tip Moth	Juniper, Cypress
Juvenile Dusky Wing Moth	Oak
Pine Tube Moth	Pine
Saddled Prominent Moth	Rose, Beech, Maple, Oak, Poplar, Spirea
Sunflower Moth	Marigolds
Ash Hornworm	Ash
Rosy Maple Moth	Maple
Oleander Caterpillar	Oleander
Yellownecked Caterpillar	Oak, birch, Pyracantha, Beech, Hickory, Linden
Walnut Caterpillar	Hickory, Beech, Honeylocust, Sumac, Willow
Spiny Elm Caterpillar	Elm (Chinese), Poplar, Willow
Variable Oak Leaf Caterpillar	Oak, Birch, Hawthorn

Oak Webworm	Oak
Orangestriped Oakworm	Oak
Casebearers	Slippery Elm, Sycamore
California Oakworm	Oak
Redhumped Caterpillar	Birch, Flowering Plum, Locust, Poplar, Sweet Gum, Willow
Rose Midge	Rose

When to Use: Apply 1 packet (1½ Tbs or 9 grams) per 2 gals water. Spray 2 to 3 times about 7 to 10 days apart to control the following hard-to-kill pests. Additional sprays may be needed if plants become reinfested.

Pest	Plant
Flower Thrips	Rose, Daisy, Carnation, Gladiolus, Chrysanthemum, Snapdragon, Daylily, Alyssum, Aster, Dianthus, Celosia, Ageratum, Vinca, Zinnia, Hollyhock, Gardenia, Salvia, Petunia, Marigold, Calendula, Oleander
Mealybugs	Gardenia, Coleus, Yew (Taxus), Dieffenbachia, Croton, Azalea, Poinsettia, Oleander, Begonia, Gardenia, Camellia, Chrysanthemum, Ivy, Orchid, Fern
Whitefly	Gardenia, Poinsettia, Lantana, Azalea, Ageratum, Fuchsia, Gaillardia, Salvia, Zinnia, Privet, Camellia, Viburnum

For the following hard-to-control pests: Apply 1 packet (1½ Tbs or 9 grams) per 1½ gals water. Spray 2 to 3 times about 7 to 10 days apart. For best results apply at first sign of infestations. Additional sprays may be needed if plants become reinfested.

Pest	Plants
Scale (crawlers) (Japanese Wax, Tea, Cottony Cushion, Pine Tortoise, Hemlock, Pine Needle, Black Hemispherical, Kuno)	Holly, Euonymus, Azalea, Camellia, Gardenia, Elm, (Chinese), Bottlebrush, Dogwood, Chinese Holly, Orchid, Yaupon, Oak, Magnolia, Pine, Poinsettia, Rose, Willow, Boxwood, Chrysanthemum, Cypress, Hibiscus, Hackberry, Geranium, Sweet Gum, Hemlock, Fir, Croton, Palm, Shrimp Plant, Beech, Oleander, Laurel, Pyracantha
Twospotted Mites	Rose, Marigold, Daylily, Chrysanthemum, Dahlia, Phlox, Viburnum
Spider Mites	Holly, Yaupon, Pine, Juniper, Bottlebrush, Cypress, Arborvitae, Honeylocust, Fir, Hemlock, Spruce, Camellia, Azalea, Oak, Rose

For the following hard-to-control pest: Apply 1 packet (1½ Tbs or 9 grams) per 2 gals water. Apply with ORTHO Lawn & Garden Sprayer, ORTHO SPRAY-ETTE or other suitable equipment. Thoroughly spray foliage and soil beneath plants. Begin applications in mid-June and make 3 more applications at 3-week intervals.

PEST	PLANTS
Black Vine Weevil	Azalea, Rhododendron, Yew (Taxus sp.)

IMPORTED FIRE ANTS and Red Harvester Ants in home lawns and around ornamental plantings.

Gives quick knockdown and kills fire ant workers within hours. Colonies are destroyed within 3 to 7 days. Fire ant workers track the powder deep into the mound where it also kills the queens, destroying the mound.

Dry Treatment:

Sprinkle 2 tsp [teaspoons] dry powder over each mound. **NO NEED TO WATER IN.** Treat new mounds as they appear. For best results, apply when ants are active. Applications during prolonged hot or dry conditions may be less effective. Try not to disturb mounds while treating. Do not apply during a heavy dew or just before a rain. Repeat treatment if ants reappear.

Drench Treatment:

Mix 1 Tbs per 1 gal of water. Use a sprinkling can and gently apply one gal of solution over each mound. One pound will treat approximately 80 medium-sized mounds (1 to 2 ft in diameter).

{Reentry icon}: Do Not allow children or pets to come into contact with treated surfaces until area has dried or dusts have settled.

NOTE: Apply this product only as specified on this label. Do not apply to American Elm, Flowering Crabapple, Sugar Maple and Cottonwood, as foliage injury may occur. Clean sprayer after use by flushing with water, do not use household bleach as a cleaning agent.

STORAGE AND DISPOSAL

STORAGE: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. Do not store diluted spray.

DISPOSAL: **If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

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. When handling this product, wear chemical resistant gloves, long pants, and long sleeved shirt. When using outdoors, spray with the wind to your back and do not use when wind speeds are 10 mph or more. Wash the outside of the gloves with soap and water before removing.

FIRST AID: If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If in eyes: 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. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Note to Physicians: Emergency Information call 1-800-225-2883 . Acephate is a cholinesterase inhibitor. Atropine is antidotal. 2-PAM is also antidotal and may be used in conjunction with atropine but should not be used alone.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Cover or soil-incorporate spills. 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 if bees are visiting treatment area[s].

NOTICE: Buyer assumes all risks of use, storage or handling of this product not in accordance with directions.

Note: This package is sold by weight. Contents may have settled during shipment.

📞 Questions, Comments or medical Information?
Call 1-800-225-2883 www.ortho.com

Manufactured for
The ORTHO Group
P.O. Box 1749
Columbus, OH 43216
EPA Reg. No 239-2406
EPA Est. 39578 TX-1
Made in USA