

CHLORPYRIFOS INSECTICIDE

Pests Indoors Control
 Chlorpyrifos 4E is a general purpose insecticide for the control of many household pests. It is effective against cockroaches, ants, flies, mosquitoes, and other insects. For more information, consult the label for dosage and application directions to control the pests listed.

Pests Out-of-Doors

General Information: Use CHLORPYRIFOS 4E for control of certain pests of lawns and ornamental plants for area control of ticks and chiggers and for mosquito control. Consult the following treatments for dosage and application directions to control the pests listed.

Pests of Lawns and Other Ornamental and Recreational Turf Grass Areas: Use CHLORPYRIFOS 4E for control of the pests listed in the following table by application of the recommended dosage per 1000 sq. ft. of the treated area. Chlorpyrifos 4E is a systemic insecticide and will be taken up by the roots of the grass and other plants. It will be translocated to the leaves and stems of the plants. The active ingredient will be present in the plant tissue for several weeks after treatment. The active ingredient will be present in the plant tissue for several weeks after treatment. The active ingredient will be present in the plant tissue for several weeks after treatment.

DOSAGES AND DIRECTIONS FOR USE ON TURF

Pest	Dosage CHLORPYRIFOS 4E per 1000 sq. ft.	Remarks
Ants	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Beetles	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Chiggers	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Crickets	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Flies	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Grasshoppers	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Ground Squirrels	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
House Flies	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Japanese Beetles	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Leaf Beetles	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Mealybugs	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Moths	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Scavenger Beetles	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Spiders	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Stink Bugs	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Termites	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Ticks	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Worms	4.0 fl. oz.	Apply to lawn areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.

For more information, consult the label for dosage and application directions to control the pests listed.

Pests of Ornamentals: Use CHLORPYRIFOS 4E for control of the pests listed in the following table by application of the recommended dosage per 1000 sq. ft. of the treated area. Chlorpyrifos 4E is a systemic insecticide and will be taken up by the roots of the plants. It will be translocated to the leaves and stems of the plants. The active ingredient will be present in the plant tissue for several weeks after treatment.

Pest	Dosage CHLORPYRIFOS 4E per 1000 sq. ft.	Remarks
Ants	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Beetles	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Chiggers	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Crickets	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Flies	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Grasshoppers	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Ground Squirrels	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
House Flies	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Japanese Beetles	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Leaf Beetles	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Mealybugs	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Moths	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Scavenger Beetles	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Spiders	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Stink Bugs	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Termites	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Ticks	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.
Worms	4.0 fl. oz.	Apply to ornamental areas. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.

For more information, consult the label for dosage and application directions to control the pests listed.

Area Control of Ticks and Chiggers: Use CHLORPYRIFOS 4E for control of ticks and chiggers in areas where children or pets play. Do not apply to areas where food is stored.

Mosquito Control: Use CHLORPYRIFOS 4E for control of mosquitoes in areas where children or pets play. Do not apply to areas where food is stored.

Use under high pressure areas where the active ingredient is present in a high concentration. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.

Attention (Area Control of Ticks and Chiggers): Do not use in areas where children or pets play. Do not apply to areas where food is stored.

DOSAGES AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

Pests Controlled	Amount of Chlorpyrifos 4E in Water to Make		
	1 gallon	10 gallons	100 gallons
Aprils Bagworms Eastern emerald ash borer Fall web Grasshoppers	1.25 fl. oz.	1.25 fl. oz.	0.5 pint
Caterpillars Leafhoppers Mealybugs	1.25 fl. oz.	1.25 fl. oz.	0.5 pint
Ash borer Caterpillars Pine sawfly Pine sawfly Tent caterpillars White pine	1.25 fl. oz.	1.25 fl. oz.	0.5 pint

For more information, consult the label for dosage and application directions to control the pests listed.

MOSQUITO CONTROL

Mosquitoes: Use CHLORPYRIFOS 4E for control of mosquitoes in areas where children or pets play. Do not apply to areas where food is stored.

Warning: Mosquito Control: Do not use in areas where children or pets play. Do not apply to areas where food is stored.

Do not apply to water used for irrigation, recreational and domestic purposes. Do not apply where fish and other aquatic life are important resources.

CONDITIONS AND RATES TO USE FOR MOSQUITO CONTROL

Condition of Area to be Treated	Amount to Use per Acre		Number Acres 1 Gallon of CHLORPYRIFOS Will Treat
	CHLORPYRIFOS 4E (fluid ounces)	Chlorpyrifos (pounds)	
Light to moderate infestation	1.25	0.125	1 to 160
Medium to heavy infestation	2.5	0.25	1 to 80
Heavy infestation	5.0	0.5	1 to 40

For more information, consult the label for dosage and application directions to control the pests listed.

NOTICE

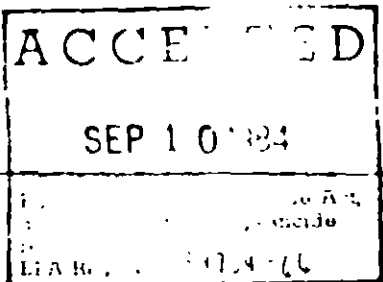
Use under high pressure areas where the active ingredient is present in a high concentration. Do not apply to areas where children or pets play. Do not apply to areas where food is stored.

41.2%
29.5%
29.3%

100.0%
Turf, and
Mosquito Control
Chiggers.

Responsible for
Mosquito Abatement

CHILDREN
Do not use this
product on
clothing



LIAB. 174-76

...weeds and ground surface and debris using enough spray
coverage usually 40 to 100 gallons per acre.

(Ticks and Chiggers) Do not allow public use of treated areas
until spray has dried.

**RATES AND DILUTIONS FOR USE
IN ORNAMENTAL PLANTS**

Pests	Amount of Chlorpyrifos 4E in Water to Make		
	3 gallons	10 gallons	100 gallons
pesticide worm beetle flies weevils aphid spider	0.25 fl. oz.	0.8 fl. oz.	0.5 pint
rose weevil larva aphid spider	0.5 fl. oz.	1.6 fl. oz.	1 pint
fruit flies beetle aphid spider	1.0 fl. oz.	3.2 fl. oz.	1 quart

1 pint of Chlorpyrifos per 100 gallons
1 quart of Chlorpyrifos per 100 gallons
1 gallon of Chlorpyrifos per 100 gallons

MOSQUITO CONTROL

CHLORPYRIFOS 4E is a mosquito larvicide. Use in areas where
mosquitoes are a problem. See the following table for use with
water. Mix 1 gallon of CHLORPYRIFOS 4E with water to
make 100 gallons of spray. Use sufficient spray volume to give 0.1
gallon of spray per 100 gallons of water. Apply the spray using suitable
equipment such as sprayers, mist applicators, and aerial spray equipment.

Read complete Environmental and Use Instructions and
State Department before using. This is a pesticide for mosquito control.

Do not use for irrigation, recreational and domestic purposes
where fish and other aquatic life are important resources.

RATES TO USE FOR MOSQUITO CONTROL

Amount to Use per Acre		Number Acres 1 Gallon of CHLORPYRIFOS 4E Will Treat
CHLORPYRIFOS 4E (fluid ounces)	Chlorpyrifos (pounds)	
0.4 to 0.8	0.0125 to 0.025	320 to 640
1.6	0.1	80
1.6	0.1	80

Use 1 pint of Chlorpyrifos 4E per 100 gallons of water.
Use 1 quart of Chlorpyrifos 4E per 100 gallons of water.
Use 1 gallon of Chlorpyrifos 4E per 100 gallons of water.

NOTICE

This product is a pesticide. It is intended for use only on
pests. Do not use on food crops. Do not use on ornamental
plants. Do not use on lawns. Do not use on water bodies.
Do not use on areas where children or animals play.
Do not use on areas where people work or live.
Do not use on areas where people eat or drink.
Do not use on areas where people sleep.



**RQ INSECTICIDE
LIQUID N.O.S.
CHLORPYRIFOS NA 1993**

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