

Baytex 4

Emulsifiable Insecticide

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For effective control of household pests, mosquitoes and insects on ornamentals.

For use only by pest control operators, commercial nurserymen, public health officials and livestock producers.

ACTIVE INGREDIENTS

Permethrin	45%
O,O-Dimethyl (3-methyl-4-methyl-phenyl) phosphorothioate	45%
Aromatic Petroleum Distillate	10%
INERT INGREDIENTS	40%

EPA Reg. No. 125-752A EPA Est. No. M-125

Contains 4 lbs. O,O-Dimethyl (3-methyl-4-methyl-phenyl) phosphorothioate per gallon.

For a complete list of pests controlled, see the label.

Do not store in or around the home environment.

Do not use, pour, spill or store near heat or open flame.

STOP—Read the label before use.

WARNING

Keep out of reach of children.

See Back Panel for Statements of First Aid, Treatment and Other First Aid Statements.

AVISO.

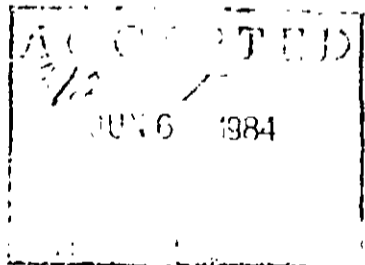
PRECAUCIONAL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

For a complete list of pests controlled, see the label.

NET CONTENTS 5 GALLONS



Mobay Chemical Corporation
Agricultural Chemicals Division
Box 4913, Kansas City, Mo. 64120



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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.

Important:

Read these entire Directions and Conditions of Sale before using BAYTEX 4 emulsifiable insecticide.

Conditions of sale.

The directions on this label were determined through research to be the directions for correct use of this product. This product has been tested for a range of weather conditions similar to those weather conditions that are ordinary and customary in the geographic area where the product is used. Insufficient control of pests may result from the occurrence of extraordinary or unusual weather, or from failure to follow label directions. In addition, failure to follow label directions may cause injury to the crop to which the product is applied, other crops, animals, man, or the environment. Mobay and the seller offer, and the buyer accepts and uses, this product subject to the conditions that extraordinary or unusual weather or failure to follow label directions are beyond the control of Mobay and are, therefore, the responsibility of the buyer.

Recommended applications Mosquito control.

INSECT	Fluid Ounces BAYTEX 4	REMARKS
Mosquito Larvae	1 1/2	SPRAY: Apply specified dosage (0.05 lbs. active) per acre in sufficient water or oil to obtain uniform coverage or per 1 1/2 gallons of water or oil for localized applications. Apply as a light uniform spray. Allow at least 3 weeks between applications.
Mosquitoes	1 1/2 to 2 1/2	THERMAL FOG: Mix specified dosage per gallon of oil. This is equivalent to 1 to 2 gallons of spray concentrate per 100 gallons of oil. Apply with standard fogging machines calibrated to deliver 40 gallons per hour at a machine speed of 5 m.p.h. to cover a swath width of up to 350 feet. Repeat as necessary.
Mosquitoes Adults	1 1/2 to 2 1/2	NON-THERMAL AEROSOL: Mix specified dosage per gallon of water or oil. This is equivalent to 1 to 2 gallons of BAYTEX 4 per 100 gallons. Apply with a non-thermal aerosol generator calibrated to deliver 40 gallons per hour at a machine speed of 5 m.p.h. to cover a swath width of up to 350 feet. Repeat as necessary.
Mosquitoes	1 1/2 to 3	MIST SPRAY: Apply specified dosage (0.05 to 0.1 lb. active) per acre. For mist-blower machines calibrated to deliver 100 gallons per hour traveling at a speed of 4 m.p.h. to cover a swath width of up to 350 feet, use 2 1/2 to 4 1/2 gallons of spray concentrate per 100 gallons of water. Allow at least 3 weeks between applications.
Mosquitoes	(See remarks)	AIRCRAFT APPLICATION: Use BAYTEX 4 at dosages of 0.05 to 0.1 lb. active ingredient per acre in water or oil. Mix 1 1/2 to 2 1/2 gallons of spray concentrate in 100 gallons of water or oil and apply 1 gallon of this mixture per acre. Allow at least 3 weeks between applications.

*Kerosene-type oils, fuel oils, diesel oils, and others are suitable for insecticide use.

Recommended applications

INSECT	Fluid Ounces BAYTEX 4	RESIDUAL CONTROL
OUTDOOR & INDOOR: House flies Mosquitoes	4 to 6	surface heavy control
INDOOR ONLY: Ants Cockroaches (waterbugs) Crickets Wasps		The 15 poultry. Do not handling
OUTDOOR ONLY: Flies		Concentrated

For control of insects on ornamentals, nursery plants, forest and shade trees.

For use only by commercial spray applicators and nurseries to control ants, aphids, mites, leafhoppers, armyworms, juniper scale, lecanium scale, and budworms on the ornamental plants listed below.

TREES AND SHRUBS

Arbutus	Eucalyptus	Sycamore
Ash	Juniper	Sweetgum
Aster	Maple	Tupelo
Birch	Oak	Viburnum
Doyle	Pine	Yew

FLOWERING PLANTS

Begonia	Marigolds	Roses
Chrysanthemum	Fuchsias	Synedrella
Geraniums	Flowers	Verbena
Lilies	Geraniums	Zinnias

For application with an American-made sprayer, mix 1 1/2 fluid ounces of BAYTEX 4 per gallon of water or oil.

HOW TO MIX SPRAY: Add 1 1/2 fluid ounces of BAYTEX 4 to 1 gallon of water (2 pints per gallon) or 0.5 to 1.0 ounce of oil. The resulting emulsion is suitable for use in a standard hand-operated power sprayer.

PRECAUTIONARY NOTE: Do not apply to the spray of plants or ornamentals as these plants are considered to be highly flammable.

HOW TO APPLY: Spray when an insect is present on the plant. Apply with a standard hand-operated power sprayer. Apply when the temperature is between 60° and 80° F. Apply in the early morning or late afternoon. Avoid spraying plants during a rain or when a rain is expected. Repeat as necessary.

Apply in open applications to ornamentals and nurseries as a preventive measure. Apply to the main stem, branches, and leaves. Apply to the control of insects and diseases. Do not use on ornamentals. Do not use on plants that are used by a pest. Do not use on plants that are used by a pest. Do not use on plants that are used by a pest. Do not use on plants that are used by a pest.

official or similar qualified authority. Consult your state fish and game agency before applying this product.

Mosquito control.

BAYTEX 4 is recommended for mosquito and fly control as recommended on this label. BAYTEX 4 should not be used on food crops other than rice. BAYTEX 4 is a fast-acting insecticide. It is effective against the larvae of mosquitoes, as well as the adults. It is also effective against the larvae of flies. The spray can be applied to most types of water bodies, including ponds, lakes, streams, and other bodies of water. Allow at least 3 weeks between applications.

MOSQUITO CONTROL ON ALFA FA AND PASTURE GRASS: Apply 1 1/2 fluid ounces of BAYTEX 4 per acre in sufficient water or oil to obtain uniform coverage. Apply as a light uniform spray. Allow at least 3 weeks between applications.

MOSQUITO CONTROL IN RICE (CALIFORNIA ONLY): Apply 1 1/2 fluid ounces of BAYTEX 4 per acre in sufficient water or oil to obtain uniform coverage. Apply as a light uniform spray. Allow at least 3 weeks between applications.

MIXING BAYTEX 4: Add 1 1/2 fluid ounces of BAYTEX 4 to 1 gallon of water (2 pints per gallon) or 0.5 to 1.0 ounce of oil. The resulting emulsion is suitable for use in a standard hand-operated power sprayer.

PRECAUTIONARY NOTE: Do not apply to the spray of plants or ornamentals as these plants are considered to be highly flammable.

HOW TO APPLY: Spray when an insect is present on the plant. Apply with a standard hand-operated power sprayer. Apply when the temperature is between 60° and 80° F. Apply in the early morning or late afternoon. Avoid spraying plants during a rain or when a rain is expected. Repeat as necessary.

equipment used will determine the concentration required.

SPRAYING: For mosquito larvae control, applications should be made to most areas, standing water pools, intermittently flooded areas, temporary rain ponds, and log ponds. Also spray around and in catch basins and similar areas where mosquitoes breed. Do not apply to ponds, lakes, streams, or other bodies of water containing fish. Allow at least three weeks between applications.

For large area mosquito control, applications should be made to most areas, standing water pools, intermittently flooded areas, temporary rain ponds, and log ponds. Also spray around and in catch basins and similar areas where mosquitoes breed. Do not apply to ponds, lakes, streams, or other bodies of water containing fish. Allow at least three weeks between applications.

FOG AND MIST APPLICATIONS: For mosquito larvae control, applications should be made to most areas, standing water pools, intermittently flooded areas, temporary rain ponds, and log ponds. Also spray around and in catch basins and similar areas where mosquitoes breed. Do not apply to ponds, lakes, streams, or other bodies of water containing fish. Allow at least three weeks between applications.

For residual insect control.

BAYTEX 4 is recommended for residual control of house flies, mosquitoes, ants, and other insects. It is also effective against the larvae of flies. The spray can be applied to most types of water bodies, including ponds, lakes, streams, and other bodies of water. Allow at least 3 weeks between applications.

PEST CONTROL IN NON-FOOD AREAS OF MEAT PACKING AND FOOD PROCESSING PLANTS, RESTAURANTS, AND OTHER FOOD HANDLING ESTABLISHMENTS (PLACES OTHER THAN PRIVATE RESIDENCES IN WHICH EXPOSED FOOD IS HELD, PROCESSED, PREPARED OR SERVED):

Non-food areas include: wash rooms, rest rooms, locker rooms, and other areas where food is handled, prepared, or served. Apply 4 to 6 fluid ounces of BAYTEX 4 per 100 gallons of water or oil. Allow at least 3 weeks between applications.

similar areas where insects hide or through which they may enter.

Do not use in edible products areas of food processing plants, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed. Use only in inedible products areas of meat, poultry and other processing plants (including plants that are fed inspected). When using the spray in the inedible product areas where no exposed food or processing equipment is present, take any needed precautions to avoid any contamination of packaged or stored commodities. Treat food processing plants early season before canning or other processing. Repeat applications, if necessary, when plants are operation.

Spraying, including downwind cuts, to where insects congregate will aid in preventing infestations. Good sanitation and proper disposal of wastes is essential in any effective insect control program.

INSIDE BUILDINGS: Apply as a coarse spray with a paint brush to baseboards, cracks, crevices, under carpets, and in other insect hiding places. Apply to all areas of exposed surfaces where they will crawl when they come out of hiding. Repeat applications, if necessary, when plants are operation.

EXTERIOR USE: Apply as a coarse spray to paint brush to selected surfaces, such as: screens, window frames, door sills, and on porches, patios, and similar outdoor surfaces where these insects might congregate to the nest of wasps after dark when a lot of them have returned to the nest. Apply to outdoor areas where there is no exposed food. For an effective control, repeat applications as necessary.

MIXING: Mix with water, paint or oil. The resulting emulsion is suitable for use in power-operated sprayers.

DOSAGE: Use 4 to 6 fluid ounces of BAYTEX 4 per 100 gallons of water or oil. The spray can be applied to most types of water bodies, including ponds, lakes, streams, and other bodies of water. Allow at least 3 weeks between applications.

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ctivel per acre in sufficient water or oil to water or oil for localized applications. Apply 3 between applications.

gallon of oil. This is equivalent to 1 to 2 / oil. Apply with standard logging machines machine speed of 5 m p h. to cover a swath

dosage per gallon of water or oil. This is 0 gallons. Apply with a non-thermal aerosol our at a machine speed of 5 m p h. to cover cessary.

to 0.1 lb. active per acre. For mist-blower er hour traveling at a speed of 4 m p h. to to 4 1/2 gallons of spray concentrate per 100 en applications.

at dosages of 0.05 to 0.1 lb. active ingre gallons of spray concentrate in 100 gallons ture per acre. Allow at least 3 weeks be

Recommended applications Residual insect control.

INSECT	Fluid Ounces BAYTEX 4	REMARKS
OUTDOOR & INDOOR: House flies Mosquitoes INDOOR ONLY: Ants Cockroaches (waterbugs) Crickets Wasps	4 to 6	RESIDUAL SPRAY: Apply specified dosage in 1 gallon of water for application per 500 square feet or to runoff in localized indoor areas, or structural surfaces. Use the higher concentration (2.25%) for initial treatment or for heavy cockroach infestations. For subsequent periodic applications and for control of flies and mosquitoes use the lower dosage (1.5% concentration). The 1.5% concentration may also be used in dairy and beef barns and poultry houses but do not apply directly to animals. Repeat as necessary. Do not apply as a space spray. See instructions below for use in food handling establishments.
OUTDOOR ONLY: Flies		Concentration Required
		Fluid Ounces to Add to:
		1 Gallon 3 Gallons 10 Gallons
	1.5 %	4 12 40
	2.25 %	6 18 60

Restrictions.

- 1 Do not apply oil mixtures to forage crops or rice
- 2 Do not apply when weather conditions favor drift of spray
- 3 Do not apply oil sprays directly to flowers, or other ornamental plants which may be damaged by the oil. Fog applications will not cause plant injury
- 4 Do not apply directly to animals, except livestock grazing in alfalfa and pasture grass at time of application to these crops.
- 5 Do not use on or allow spray treatment to drift onto water supplies. Do not contaminate feed, drinking water, milk or milk-handling equipment.
- 6 Do not use as a space spray. Avoid excessive wetting of asphalt tile, rubber, and plastic materials.
- 7 Do not apply to rugs, carpets, wallpaper, draperies, and similar materials to avoid staining from excessive applications.
- 8 Do not use in areas where children or pets can come into direct contact with treated surfaces.
- 9 Remove fish or other pets from room before spraying.
- 10 Do not apply in any manner not specified on the label.

t used with determine the concentration re

WARNING: For mosquito larvae control, applica be made to moist areas, standing water, ermitiently flooded areas, temporary rain og ponds. Also spray around and in catch ds similar areas where mosquitoes breed. Do h ponds, lakes, streams, or other bodies of taining fish. Allow at least three weeks be plications.

in area mosquito control applications made to wet, grassy, bushy or wooded areas. Avoid adult mosquito control applica ons made to surfaces of buildings, trees, lawns, and around outdoor plants.

ing areas with wasps and bees. Do not apply to fish or other aquatic life. Do not use on feed products are present.

MIST APPLICATIONS For adult mosquito control, make applica ons by fogging mist spraying an mist blowing spraying. Do not apply to fish, lakes, or other bodies of water. Repeat at least 3 weeks between mist applications. This may be repeated as necessary.

Residual insect control.

Apply 4 to 6 fluid ounces of Baytex 4 per 500 square feet of surface area. For outdoor applications, use a backpack sprayer or a pump sprayer. For indoor applications, use a pump sprayer or a backpack sprayer. Do not apply to fish, lakes, or other bodies of water. Repeat at least 3 weeks between residual applications. This may be repeated as necessary.

control in non food areas of meat pack ing and processing plants, restaurants, and food handling establishments, places other safe residences in which exposed food is pressed, prepared or served.

food areas include

Apply 4 to 6 fluid ounces of Baytex 4 per 500 square feet of surface area. For outdoor applications, use a backpack sprayer or a pump sprayer. For indoor applications, use a pump sprayer or a backpack sprayer. Do not apply to fish, lakes, or other bodies of water. Repeat at least 3 weeks between residual applications. This may be repeated as necessary.

similar areas where insects hide or through which they may enter.

Do not use in edible products areas of food processing plants, restaurants or other areas where food is commercially prepared or served. Do not use in serving areas where food is served, or in the inedible products areas of meat processing plants, or in processing plants or other areas where food is inspected. When using the spray, do not apply to wet areas where it is impossible to dry. Do not use on equipment unless it is completely dry. Do not use on equipment unless it is completely dry. Do not use on equipment unless it is completely dry.

Spray in areas where insects are present, or where they are likely to be present. Do not use on equipment unless it is completely dry. Do not use on equipment unless it is completely dry.

INSIDE BUILDINGS Apply 4 to 6 fluid ounces of Baytex 4 per 500 square feet of surface area. For indoor applications, use a pump sprayer or a backpack sprayer. Do not apply to fish, lakes, or other bodies of water. Repeat at least 3 weeks between residual applications. This may be repeated as necessary.

EXTERIOR USE Apply 4 to 6 fluid ounces of Baytex 4 per 500 square feet of surface area. For outdoor applications, use a backpack sprayer or a pump sprayer. Do not apply to fish, lakes, or other bodies of water. Repeat at least 3 weeks between residual applications. This may be repeated as necessary.

MIXING For outdoor applications, use a backpack sprayer or a pump sprayer. For indoor applications, use a pump sprayer or a backpack sprayer. Do not apply to fish, lakes, or other bodies of water. Repeat at least 3 weeks between residual applications. This may be repeated as necessary.

DOSEAGE Apply 4 to 6 fluid ounces of Baytex 4 per 500 square feet of surface area. For outdoor applications, use a backpack sprayer or a pump sprayer. For indoor applications, use a pump sprayer or a backpack sprayer. Do not apply to fish, lakes, or other bodies of water. Repeat at least 3 weeks between residual applications. This may be repeated as necessary.

Precautionary Statements.

Hazards to Humans and Domestic Animals

May be fatal if swallowed and enters airways. Irritates the skin. Causes severe eye irritation. Causes severe respiratory irritation. Causes severe skin irritation. Causes severe mucous membrane irritation. Causes severe allergic reactions. Causes severe allergic reactions. Causes severe allergic reactions.

Statements of Practical Treatment.

If swallowed, vomit should be induced. All swallowed material should be induced. All swallowed material should be induced. All swallowed material should be induced. All swallowed material should be induced. All swallowed material should be induced.

To Physician:

Antidote: none known. Symptoms: severe irritation. Symptoms: severe irritation. Symptoms: severe irritation. Symptoms: severe irritation. Symptoms: severe irritation.

Environmental hazards.

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 onto blooming crops or weeds if bees are visiting the treated areas. Protective information may be obtained from the Cooperative Agricultural Extension Service.

rying in areas frequented by wildlife or adjacent to any body of water, except in intermittently flooded areas, standing water, temporary rain pools, and log ponds when used for mosquito larvae control only.

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 onto blooming crops or weeds if bees are visiting the treated areas. Protective information may be obtained from the Cooperative Agricultural Extension Service.

Storage and Disposal.

Pesticide Disposal Do not contaminate water, food, or feed by storage or disposal. Do not contaminate water, food, or feed by storage or disposal. Do not contaminate water, food, or feed by storage or disposal. Do not contaminate water, food, or feed by storage or disposal.

Container Disposal The empty container should be disposed of in accordance with the instructions on the label. Do not reuse or refill this container. Do not reuse or refill this container. Do not reuse or refill this container.

Do not use in areas where children or pets can come into direct contact with treated surfaces. Remove fish or other pets from room before spraying. Do not apply in any manner not specified on the label.

BEST DOCUMENT AVAILABLE