

R & M PERMETHRIN 10% E.C.

A long-lasting livestock and premise spray that provides knock down,
broad spectrum insecticidal effectiveness,
and excellent residual activity for up to 28 days.

**Kills Ants, Bedbugs, Darkling Beetles, Fleas, Fowl Mites, Gypsy Moth Caterpillars, Horn Flies,
Houseflies, Japanese Beetles, Lice, Meal Worms, Poultry Lice, Roaches, Ticks,
and Numerous Other Insects as Listed on Back Panel**

**For Use Outdoors and in Homes and Non-Food/Feed Areas of Commercial Buildings, Institutions, Warehouses,
Theaters, Office Buildings, Schools, Motels, Hotels, Restaurants, Food/Feed Processing Establishments,
Hospitals, Kennels, Poultry Houses, Dairies, Cattle Barns, Milking Parlors, Horse Barns and Swine Houses**

Only For Commercial/Agricultural and Mosquito Abatement District Official Use

ACTIVE INGREDIENT:

Permethrin (CAS No. 52645-53-1)	10%
OTHER INGREDIENTS	90%
Total	100%

Contains 0.75 lbs. of permethrin per gallon

Keep Out of Reach of Children
CAUTION
See back panel for additional precautionary statements

ACCEPTED
NOV 2 2000
67572-3

EPA Reg. No. 67572-3

EPA Est. 67572-GA-1

Net Contents: ___ fl. oz.

Manufactured by:
CONTRACT PACKAGING, INC.
P.O. Box 1508
Covington, GA 30015-1508

DIRECTIONS FOR USE

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

Storage and Disposal

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

Pesticide Storage and Spill Procedures: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

Containers One Gallon and Smaller: **Storage:** Store in a cool, dry (preferably locked) place inaccessible to children and pets. Avoid exposure to extreme temperatures. **Disposal:** Do not reuse empty container; wrap and put in trash.

READ ENTIRE LABEL BEFORE EACH USE

Keep container sealed when not in use. Protect from freezing. To prepare dilutions, add the required amount of concentrate to water and thoroughly blend. Do not apply to classrooms when in use. Do not apply this product in patient rooms or in any rooms when occupied by the elderly or infirm.

Dilution rates on this label will yield the following ready-to-use product:

RATE	AMOUNT OF CONCENTRATE/GAL.	PERMETHRIN
1:19	6.40 oz.	0.500%
1:39	3.20 oz.	0.250%
1:100	1.28 oz.	0.100%
1:200	0.64 oz.	0.050%
1:400	0.32 oz.	0.025%

The number following the dilution directions on this label refers to the ready-to-use Permethrin level.

For maximum effectiveness, a combination of localized application and space treatment is recommended. When used indoors remove pets, birds and cover fish aquariums before spraying.

INDOOR USE AREAS

Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving areas while food/feed is exposed or facility is in operation. Serving areas are areas where prepared foods/feeds are served such as dining rooms but excluding areas where foods/feeds may be prepared or held. In the home, all food/feed processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Cover or remove exposed food/feed.

Not For Use in U.S.D.A. Meat and Poultry Plants

Commercial food/feed areas where the product cannot be used include areas for receiving, serving, storage (dry, cold, frozen, raw), packaging (cleaning, slicing, cooking, grinding), edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups).

Non-Food/Feed Areas include (but are not limited to) garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, closets and storage (after canning or bottling).

- Bakeries
- Beverage Plants
- Canneries
- Flour Mills
- Food/Feed Processing Plants
- Grain Elevators
- Granaries

- Hospitals
- Hotels, Motels
- Industrial Installations
- Kennels
- Meat Packing Plants
- Homes
- Office Buildings

- Railroad Cars
- Restaurants
- Schools
- Ships' Holds
- Supermarkets
- Truck Trailers
- Warehouses

AS A SURFACE SPRAY:

To Control: ants, cadelles, centipedes, cheese mites, cigarette beetles, clover mites, cockroaches, confused flour beetles, crickets, darkling beetles, drugstore beetles, firebrats, grain mites, granary weevils, mealworms, millipedes, palmetto bugs, pillbugs, rice weevils, rust red flour beetles, saw-toothed grain beetles, silverfish, sowbugs, spiders, spider beetles and waterbugs:

For initial clean up of severe insect infestation, dilute at a rate of 1 part concentrate in 19 parts water (6.4 fluid ounces per gallon) [0.5%].

For normal infestations dilute 1 part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) [0.1%].

For maintenance use, dilute 1 part concentrate in 200 parts water (0.64 ounce per gallon) (4 teaspoonfuls per gallon) [0.05%].

Use a good sprayer adjusted to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery and behind shelves and drawers. Spray bookcases for silverfish. Spray ant trails, nests and points of entry. If only surface application is to be used, spray floors, walls and other surfaces applying at a rate of 1 gallon to 750 square feet of surface.

To control carpet beetles: Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets and infested areas of shelving. Repeat treatment monthly or as needed.

To control bedbugs: Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Repeat treatment monthly or as needed. Allow all treated articles to thoroughly dry before use.

To control fleas and ticks (adult and larvae): Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and localized areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment.

AS A SPACE SPRAY:

For initial clean up of severe insect infestation, dilute at a rate of 1 part concentrate in 19 parts water (6.4 fluid ounces per gallon) [0.5%].

For normal infestations dilute 1 part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) [0.1%].

For maintenance use, dilute 1 part concentrate in 200 parts water (0.64 ounce per gallon) (4 teaspoonfuls per gallon) [0.05%].

Apply with mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist. Close doors and windows and shut off ventilating systems.

For rapid control of Angoumois grain moths, bees, black flies, fruit flies, gnats, hornets, houseflies, mosquitoes, skipper flies, tobacco moths and wasps: Direct spray at an upward angle distributing it uniformly through the entire area at a rate of 1 ounce per 1000 cubic feet of space. Keep area closed for at least 10 minutes. Vacate areas after treatment and ventilate and sweep up dead insects before occupying.

For rapid kill of exposed or accessible stages of other insects named on this label: Apply spray using conventional mechanical or compressed air equipment (non-thermal), following directions for space spraying. Apply the above dilutions at a rate of 1 ounce per 1000 cubic feet of space.

OUTDOOR USE AREAS

- | | | |
|-----------|----------------------|--------------------|
| Corrals | Drive-In Theaters | Recreational Areas |
| Feed Lots | Drive-In Restaurants | Swine Lots |
| Gardens | Golf Courses | Urban Areas |
| Parks | Zoos | Homes |
| | Playgrounds | |

For initial clean up of severe insect infestation, dilute at a rate of 1 part concentrate in 19 parts water (6.4 fluid ounces per gallon) [0.5%].

For normal infestations dilute 1 part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) [0.1%].

For maintenance use, dilute 1 part concentrate in 200 parts water (0.64 ounce per gallon) (4 teaspoonfuls per gallon) [0.05%].

Do not allow spray treatment to drift on pasture land, cropland, poultry ranges or water supplies. Do not use on crops used for food, forage or pasture. Under no condition should open water be treated with this product. Not to be used within 100 feet (30 meters) of lakes and streams.

TREATMENT OF FLYING INSECTS

To aid in the control of gnats, mosquitoes, skippers and wasps: Treat walls, ceilings, moldings, screens, door frames, window frames, beams, light cords and similar resting places.

For temporary reduction of annoyance from flies, gnats, mosquitoes in drive-in restaurants, drive-in theaters, golf courses, urban areas, parks, playgrounds and other recreational areas. Dilute 1 part concentrate in 40 parts water (3.2 fluid ounces per gallon of water) [0.25%]. Direct the spray into tall grass, shrubbery and around lawns, where these pests may hover or rest. Apply while the air is still and avoid wetting foliage. Apply spray prior to occupancy. Repeat monthly or as necessary.

In the treatment of corrals, feedlots, swine lots and zoos, cover any exposed water, drinking fountains and animal food/feed before application. Fill the area with mist and direct the spray into tall grass, shrubbery and around lawns where the above pests may hover or rest. Apply while the air is still and avoid wetting foliage. In zoos, prevent exposure of reptiles to the product. Repeat monthly or as necessary.

**EASTERN AND FOREST TENT CATERPILLARS,
GYPSY MOTH CATERPILLARS AND ADULTS, ADULT JAPANESE BEETLES**

To kill on contact, dilute 1 part concentrate in 40 parts water (3.2 fluid ounces per gallon of water) [0.25%], apply to ensure thorough coverage of upper and lower surfaces.

On trees and shrubs: Treat trees and shrubs as soon as insects emerge (usually late spring). Evenly treat leaves, branches and tree trunks and penetrate dense foliage. Repeat application every 7 days as necessary for control.

On roses and in flower gardens: Treat plants and flowers as soon as insects appear. Spray plants and flowers and penetrate dense foliage. Repeat application every 7 days or as necessary for control.

ANIMALS AND ANIMAL PREMISE USE

Cattle Barns
Swine Houses
Milk Rooms

Poultry Houses
Horse Barns

Dairies
Milking Parlors
Kennels

For initial clean up of severe insect infestation, dilute at a rate of 1 part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) [0.1%].

For normal infestations dilute 1 part concentrate in 200 parts water (0.64 ounce per gallon) (4 teaspoonfuls per gallon) [0.05%].

For maintenance use, dilute 1 part concentrate in 400 parts water (0.32 ounce per gallon) (2 teaspoonfuls per gallon) [0.025%].

**LIVESTOCK SPRAY
USE ONLY ON DOGS AND LIVESTOCK
(Beef and Dairy Cattle, Goats, Horses, Poultry, Sheep, Swine)**

Do not Use on Cats

For dairy cattle: Spray lactating dairy cows only after milking is completed.

For swine: Do not ship animals for slaughter within 5 days of last treatment.

To control gnats, horn flies, houseflies and mosquitoes: Apply to thoroughly wet the hair, paying particular attention to topline, underline, flanks, withers and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed when flies are emerging in large numbers.

To control deer flies, horse flies and stable flies: Apply a quart per adult animal to thoroughly wet the hair paying particular attention to the legs, flanks, barrel, topline and other body areas commonly attacked by these flies. Repeat daily as needed.

To control face flies: Apply using spray that produces large wetting droplets. Apply to the face of the animal in the morning before releasing to pasture. Apply sufficiently to wet the face but not more than 1 1/2 ounces per animal. Repeat daily as needed.

To control poultry lice: Thoroughly spray roosts, walls and nests or cages, then spray a fine mist over the birds.

To control bedbugs and mites (including Northern fowl mites) in poultry houses: Spray crevices or roost poles, cracks in walls and cracks in nests where the bedbugs and mites hide. Spray birds with a fine mist paying particular attention to vents. Use at the rate of 1 gallon of spray per 100 birds.

To control sheep "tick" or ked: Thoroughly wet all portions of the body by dipping or spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate sufficient to wet the animal.

To control fleas, lice, mange mites and ticks (adult and larvae) on dogs and livestock: Thoroughly wet the animal by dipping, sponging or spraying. Allow animal to dry in a warm place without rinsing or toweling. Gives long lasting protection against reinfestation when applied at intervals of two to three weeks. Do not repeat treatment for 2 to 3 weeks. Do not use on puppies under 12 weeks. Consult a veterinarian before using this product on debilitated, medicated, aged, pregnant or nursing animals.

To control fleas, flies, lice, mange mites and ticks (adults and larvae) in kennels, dog houses, runs and yards: Thoroughly wet pest breeding or resting areas to the point of run off. Most efficient pest control is accomplished when heavy pressure and good contact is achieved. Base timing and frequency of application on pest populations reaching nuisance levels. Precede spraying with

accompanying manure removal and good sanitation practices. Do not spray feed, food or water. Repeat as needed but not more often than once every two weeks.

**IN CATTLE BARNs, HORSE BARNs, SWINE HOUSES, KENNELS, MILKING PARLORS,
MILK ROOMS, DAIRIES AND POULTRY HOUSES**

To control darkling beetles, flies, gnats, meal worms and mosquitoes: For initial clean up of severe insect infestation, dilute at a rate of 1 part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) [0.1%]. For normal infestations dilute 1 part concentrate in 200 parts water (0.64 ounce per gallon) (4 teaspoonfuls per gallon) [0.05%]. For maintenance use, dilute 1 part concentrate in 400 parts water (0.32 ounce per gallon) (2 teaspoonfuls per gallon) [0.025%]. Apply as a fog or fine mist, directing the spray toward the ceiling and upper corners until the area is filled with mist. Use approximately 2 ounces per 1000 cubic feet of space. Close doors and windows before spraying and keep closed for ten to fifteen minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary.

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

CAUTION: Humans: Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin and clothing. Thoroughly wash with soap and water after handling. Remove and wash clothing before reuse. Avoid contamination of food and feed. **Animals:** Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

First Aid

If Swallowed	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on Skin or Clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Immediately rinse skin with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in Eyes	<ul style="list-style-type: none"> • 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. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.	

Environmental Hazards

This pesticide is extremely toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

Physical Hazards

Do not use or store near heat or open flame. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

Buyer assumes all risks of use, storage or handling of this product not in strict accordance with this label.

To obtain additional information or in case of an emergency call 770-787-1977.

{Note: The First Aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}