

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.
55298-1

DATE OF ISSUANCE
MAY 22, 1991

MAY 22 1991

TERM OF ISSUANCE
Conditional

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT
Mist-A-Fly Insecticide Conc.

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Mr. Lee F. Plonske
United Spray Systems, Inc.
P.O. Box 79
Montgomery, MN 56069

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 2(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 2(c)(5) and 4(a) when the Agency requires all registrants of similar products to submit such data.

2. Add the labeling phrase, "EPA Reg. No. 55298-1", before you release the product for shipment.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(c). Your release for shipment of the product constitutes acceptance of these conditions.

A single copy of the label is enclosed for your records.

Richard F. Mountfort
Product Manager 10
Insecticide & Rodenticide Branch
Registration Division (H7505C)

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Richard F. Mountfort

DATE
MAY 22 1991

**PRECAUTIONARY STATEMENTS
DANGER**

HAZARDS TO HUMANS & DOMESTIC ANIMALS Harmful if swallowed. Avoid contact with skin and eyes. In case of contact, flush skin and eyes with plenty of water. Get medical attention if irritation persists.

Do not apply to food. Do not apply space spray while food processing is underway. Cover or remove all food processing surfaces. Thoroughly wash all food processing surfaces before reuse with an effective cleaning compound followed by a potable water rinse. In hospitals, patients should be removed from room prior to treatment. Room should be ventilated for two hours after spraying. Do not return patients to room until after ventilation. After spraying in meat packing plants, bakeries, and food processing plants, wash with an acceptable detergent solution and rinse with potable water to remove all traces of contamination on the equipment, benches, shelving, etc., where exposed food will be handled.

When using in animal housing areas, do not apply directly to food, water or feed supplements. Cover or remove all food and food processing equipment during application. Do not apply space sprays while food processing is underway. Food processing operations do not have to be stopped while applying a coarse wet spray with care and in accordance with the directions and cautions above in those establishments which do not operate under Federal meat, poultry, shell egg grading, and egg products inspection programs. After spraying in meat packing plants, bakeries and other food processing plants, all equipment, benches, shelving, etc., where exposed food will be handled, must be washed with an effective cleaning compound and rinsed with potable water. Wash teats of dairy animals before milking.

Environmental Hazards

This product is toxic to fish. Do not apply directly to any body of water. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

Statement of Practical Treatment

- IF IN EYES:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention if irritation persists.
 - IF ON SKIN OR CLOTHING:** Remove contaminated clothing. Wash skin with soap and warm water. Get medical attention if irritation persists.
 - IF SWALLOWED:** Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, large quantities of water. Avoid alcohol.
- NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

USS

MIST-A-F

Insecticide

CONCENTRA

DO NOT USE OR STORE IN OR AROUND THE

For use in Horse Barns, Dairy Barns, Kennels, other Animal Areas Listed, Bakeries, Flour Mills, Food Processing Plants, Grain Elevators, Hospitals, Hotels, Motels, and Growing Crops and Ornamentals.

Can also be used in automatic sprayer systems in Animal Areas Listed.

Provides Rapid Kill of Insects Named Without Objectionable Residues.

ACTIVE INGREDIENTS:

Pyrethrins	3.00%
Piperonyl butoxide, technical	38.00%
INERT INGREDIENTS:	67.00%

100.00%

* Equivalent to 4.00% (butylcarbitol) (5-propylpiper) ether and 3.00% related compounds.

**KEEP OUT OF REACH OF CHILDREN
DANGER
SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENT**

Water Dilutable Concentrate

UNITED SPRAY SYSTEMS, INC
P.O. Box 86
Le Sueur, MN 56058

E.P.A. Reg. No. 55298-

E.P.A

NET CONTENTS: _____ GALLONS

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PROOF

It is important that you read the copy and for the graphical errors. If you sign, changes will be made and Le Sueur Publ no responsibility for errors after the job!

Signature _____

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DIRECTIO



MIST-A-FLY

Insecticide

CONCENTRATE

DO NOT USE OR STORE IN OR AROUND THE HOME

For use in Horse Barns, Dairy Barns, Kennels, Other Animal Areas Listed, Bakeries, Bottling Plants, Canneries, Flour Mills, Food Processing Plants, Grain Elevators, Hospitals, Hotels, Motels, Restaurants, and Outdoors on Growing Crops and Ornamentals.

Can also be used in automatic sprayer systems in Animal Areas Listed.

Provides Rapid Kill of Insects Named Without Objectionable Residues.

ACTIVE INGREDIENTS:

Pyrethrins 3.00%

Piperonyl butoxide, technical 30.00%

INERT INGREDIENTS:

87.00%

100.00%

* Equivalent to 4.00% (butylcarbityl) (6-propylpiperonyl) ether and 6.00% related compounds.

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

Water Dilutable Concentrate

UNITED SPRAY SYSTEMS, INC.
P.O. Box 86
Le Sueur, MN 56058

E.P.A. Reg. No. 55298-

E.P.A. Est. No. 55298-MN-1

NET CONTENTS: _____ GALLONS

For use in animal areas only

PROOF

It is important that you read the copy closely and check for typographical errors. If you sign this proof the changes will be made and Le Sueur Publishing accepts no responsibility for errors after the job is printed.

Signature _____

It is a violation of federal law to use this concentrate in any manner not shown on the labeling. This concentrate is designed to be diluted and the solution should be applied using good spraying equipment.

FOR USE IN AUTOMATIC SPRAYING: For use in kennels and other farm structures or other animal areas, dilute Concentrate just prior to use at the following rates:

- 0.06% Pyrethrins — Add 1 part Concentrate to 1600 parts water
- 0.08% Pyrethrins — Add 1 part Concentrate to 1200 parts water
- 0.10% Pyrethrins — Add 1 part Concentrate to 1000 parts water
- 0.50% Pyrethrins — Add 1 part Concentrate to 200 parts water

To control Houseflies, Horn Flies, Stable Flies, etc., in an 55 gallon tank to 3/4 full, then add the diluted solution through automatic sprayer equipment to a maximum of 1500 cubic feet of space each day during daylight hours only for 45 days to avoid contamination of food, feed or water. **IN BARN, MILKING PARLORS AND STALLS:** To control gnats, dilute at the rate of 1 part Concentrate to 1000 parts water and apply to wet the hair top, underline, flanks, withers, and neck. Repeat every 5 to 12 days for small insect infestations. Avoid contact with animals.

To control stable flies, horse flies, and other biting flies, dilute at the rate of 1 part Concentrate to 1000 parts water and apply a quart per animal to the legs, flanks, barrel, top of the neck, and around the mouth. Repeat treatment each day until the flies are gone. Repeat treatment each day until the flies are gone. Repeat treatment each day until the flies are gone.

To control face flies, dilute 1 part Concentrate to 1000 parts water. Apply to the face of the animal, producing large wetting droplets. Apply to the face of the animal, producing large wetting droplets. Apply to the face of the animal, producing large wetting droplets.

For effective control of mite stages of sheep, goats and hogs, dilute this Concentrate to 1000 parts water. Spray to thoroughly wet the hair of the animal. Repeat treatment in 10 days to 15 days to kill mites with eyes and mouth of the animal.

To control poultry lice, using a dilution of 1 part Concentrate to 1000 parts water, in a barrel, tank or tub of the solution, insure thorough wetting of all infested areas. Repeat treatment on a warm day, or in a warm bath and mouth of the animals.

For control of bedbugs and mites in poultry, dilute this Concentrate to 1000 parts water and spray crevices and nesting areas where the bedbugs and mites hide. Repeat treatment in 10 days to 15 days to kill mites with eyes and mouth of the animal.

To control sheep "tick" or ked, dilute parts of water and thoroughly wet all parts of the animal with sufficient pressure and with a nozzle. Treat at a rate sufficient to wet the animal and mouth of the animals.

To kill fleas on horses, cattle, goats and sheep, dilute at 1 to 29 in water and apply to the animal. Best results against fleas and ticks on bedding should also be treated. Repeat as necessary and mouth of the animals.

To control spinose ear tick, dilute at the rate of 1 part Concentrate to 29 parts water and apply by individual treatment, syring large animals, or a few drops into ears of small animals.

IN MILLS, ELEVATORS AND GRANARIES: To control the stages of granary weevil, rice weevil, and other insects, dilute at a rate of 1 part Concentrate to 29 parts water and apply to the grain. Repeat treatment every 5 to 10 days. Repeat treatment every 5 to 10 days. Repeat treatment every 5 to 10 days.

ACCEPTED
with COMMENTS
In EPA Letter Dated
MAY 22 1991

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
Registered under EPA Reg. No.
55298-1

Direction for Use C

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DIRECTIONS FOR USE

Directions for Use Cont...

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

This concentrate is designed to be diluted with water before use. The resulting spray solution should be applied using good mechanical spraying or compressed air fogging equipment

FOR USE IN AUTOMATIC SPRAYING SYSTEMS in horse barns, dairy and hog barns, kennels and other farm structures or buildings housing animals or poultry.

Dilute Concentrate just prior to use as follows:

- 0.06% Pyrethrins — Add 1 part Concentrate to 49 parts water.
- 0.08% Pyrethrins — Add 1 part Concentrate to 36 parts water.
- 0.10% Pyrethrins — Add 1 part Concentrate to 29 parts water.
- 0.50% Pyrethrins — Add 1 part Concentrate to 5 parts water.

To control Houseflies, Horn Flies, Stable Flies, Mosquitoes and Gnats: Add water to fill 55 gallon tank to 3/4 full, then add Concentrate to obtain desired dilution from chart above, then fill to 5 inches from top of tank with water. Mix well. To dispense diluted solution through automatic spraying system, locate nozzles to cover maximum of 1500 cubic feet of space each. Set system to deliver a maximum of 1 ounce of diluted solution per 1,000 cubic feet of space. Set timer to operate 2 to 5 times per day during daylight hours only for 45 to 60 seconds each time. Take precautions to avoid contamination of food, feed or water.

IN BARN, MILKING PARLORS AND DAIRIES: To control flies, mosquitoes, and gnats, dilute at the rate of 1 part Concentrate to 29 parts of water and apply as a fog or fine mist, directing spray toward the ceiling and upper corners until the area is filled with mist, using about 2 ounces per 1000 cubic feet of space. For best results, close doors and windows before spraying, and keep them closed for ten to fifteen minutes. Vacate the area and ventilate before reoccupying. Repeat as necessary. Take precautions to avoid contamination of food, feed or water.

ON LIVESTOCK, CATTLE, SHEEP, HORSES, GOATS, HOGS: To control horn flies, house flies, mosquitoes, and gnats, dilute at the rate of 1 part concentrate to 119 parts water and apply to wet the hair thoroughly, with particular attention to the 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. Avoid contact of the material with eyes and mouth of the animals

To control stable flies, horse flies, and deer flies, dilute 1 part Concentrate to 29 parts water and apply a quart per animal to wet the hair thoroughly with particular attention to the legs, flanks, barrel, topline, and other body areas commonly attacked by these flies. Repeat treatment each week, or as needed. Avoid contact of the material with eyes and mouth of the animals.

To control face flies, dilute 1 part Concentrate to 29 parts water. Use a spray which 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. Avoid contact of the material with eyes and mouth of the animals.

For effective control of motile stages of biting lice and sucking lice on cattle, horses, sheep, goats and hogs, dilute this Concentrate at a rate of 1 part in 300 parts water. Spray to thoroughly wet the hair of the animal, including the head and brush of the tail. Repeat treatment in 10 days to kill newly hatched lice. Avoid contact of the material with eyes and mouth of the animals.

To control poultry lice, using a dilution of 1 to 300 in water, dip birds by submerging in a barrel, tank or tub of the solution, holding the wings away from the body to insure thorough wetting of all infested areas. In order to avoid chilling the fowls, dip them on a warm day, or in a warm building. Avoid contact of the material with eyes and mouth of the animals

For control of bedbugs and mites in poultry houses, dilute 1 part of Concentrate with 29 parts of water and spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbugs and mites hide. Repeat as necessary.

To control sheep "tick" or ked, dilute at the rate of 1 part of Concentrate to 300 parts of water and thoroughly wet all portions of the body by dipping or by spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate sufficient to wet the animal. Avoid contact of the material with eyes and mouth of the animals

To kill fleas on horses, cattle, goats and pets, and to obtain protection against reinestation, dilute at 1 to 29 in water and wet the animal by dipping or spraying. For best results against fleas and ticks on dogs, the kennels or animal quarters and bedding should also be treated. Repeat as necessary. Avoid contact of the material with eyes and mouth of the animals.

To control spinose ear tick, dilute at the rate of 1 part Concentrate to 72 parts water and apply by individual treatment, syringing or pouring 1 to 2 ounces into each ear of large animals, or a few drops into ears of dogs. Avoid contact of the material with eyes and mouth of the animals.

IN MILLS, ELEVATORS AND GRANARIES: For rapid initial kill of exposed or accessible stages of granary weevil, rice weevil, confused flour beetle, rust red flour beetle, cadelle, sawtoothed grain beetle, spider beetle, Chinese mites and grain mites, dilute at a rate of 1 part Concentrate to 29 parts water. Clean out any waste grain, dust, dirt or debris and destroy before spraying. Apply as a coarse droplet spray

infested stored products should be fumigated or treated by other effective use

In mills, elevators, and granaries, thoroughly spray floors, walls and areas, and apply the insecticide to conveying, processing and handling purifiers conveyors, sifters, roll housings and hoppers, pickup conveyer machinery and equipment.

Thoroughly treat walls, floors, shelves and other exposed surfaces, stacked.

Sack surfaces of bagged grain can be sprayed lightly until slightly damp. To control exposed accessible stages of Indian meal moth and Angoumois granivore concentrate at a rate of 6 gallons per 1000 square feet. Apply at monthly intervals and continuing until early fall. In case of severe infestation, break up the application in two weeks.

ON DOGS AND CATS: For control of fleas, lice and ticks, dilute at the rate of 1 ounce per gallon of water. Dip animal into the solution, making sure the ears should be sponged thoroughly. Avoid contact of the material with the eyes.

INDOOR APPLICATIONS: Remove pets, birds and cover fish aquaria before spraying feedstuffs. Do not remain in treated area. Ventilate the area after treatment. Space spray while food processing is underway. Cover or remove all processing surfaces before reuse with an effective cleaning compound.

To control exposed stages of flies, including fruit flies, mosquitoes, and gnats, dilute in 59 parts water (2 1/4 ounces per gallon). Close doors and windows before spraying, directing the spray toward the upper portions of the room and toward the ceiling. These insects. Thoroughly fill the area with mist, using 1 to 2 ounces per 1000 cubic feet or more. Vacate after treatment and ventilate before re-occupying.

For initial clean-out of infestations of cockroaches, ants, spiders, silverfish mites, dilute 1 part of Concentrate in 12 parts water. Spray thoroughly, including walls, baseboard moldings, doors, cabinets, shelves, sinks, crevices, niches, dark corners, drains, and similar hiding places. Treat insects directly

Repeat treatment using a dilution of 1 plus 29 at the same rate of application if infestation occurs

ON GROWING CROPS: May be used on growing crops (outdoors or indoors). Especially desirable as a clean-up or pre-harvest spray where other insecticides are used. When applied according to accepted use cautions and directions, this concentrate is safe to use on crops where resistant insects are a problem, or as an "exciter" to increase insecticide contact with spray residues.

On the following crops to control the insects named, use 4 to 12 ounces per 100 gallons coverage (usually 100 gallons). Coverage of upper and lower leaf surfaces.

- ASPARGUS Asparagus Beetle
- BEANS: Aphids, Leafhoppers, White Fly, Mexican Bean Beetle, 12-spotted Leaf Beetle
- BROCCOLI, CABBAGE, BRUSSELS SPROUTS, CAULIFLOWER Aphids, Diamondback Moth Larvae, Flea Beetle, Harlequin Bug, Imported Cabbageworm
- CELERY Green Peach Aphid, Cabbage Looper, Leaf Tier
- CRANBERRIES Fireworms, Leafhopper
- EGGPLANTS Blister Beetle, Colorado Potato Beetle, Flea Beetle, Green Peach Aphid
- LETTUCE Cabbage Looper, Green Peach Aphid, Diamondback Moth Larvae
- MUSTARD GREENS, KALE, COLLARDS, TURNIPS Imported Cabbageworm, Flea Beetle

- PEPPERS: Green Peach Aphid
- POTATOES: Aphids, Colorado Potato Beetle, Flea Beetle, Leafhopper
- RADISHES: Aphids, Flea Beetle
- SPINACH: Aphids, Cabbage Looper, Webworm
- TOMATOES: Green Peach Aphid, Colorado Potato Beetle, Stink Bug, Flea Beetle
- ORNAMENTALS (African Violets, Asters, Azaleas, Begonias, Camellias, Geraniums, Gladioli, Marigolds, Roses, Rubber Plants, Wandeling Jew) ORDSOPHILA OR FRUIT FLY CONTROL: Dilute at the rate of 2 parts concentrate to 4 gallons water). Thoroughly mix the emulsion in the spray tank.

1. Apply liberally to tomatoes and fruits in baskets, on trucks and plants. Use a rate of 5 or 6 pints of the diluted spray to a two ton load of tomatoes in baskets or hampers. It is important to spray between and beneath the fruit. The emulsion loosens any dead flies so that they are readily washed off.
2. Spray the raw stock stacked in the yard
3. Dip baskets in the diluted spray after dumping the fruit to kill adhering insects.
4. After washing and cleaning up the inside of the processing plant and inside the cannery should be sprayed at a dilution of 2 parts Concentrate to 4 pints water or 4 tablespoons full with 3 1/4 pints water, at the rate of 16 pints per 1000 square feet of area, paying special attention to forcing spray into all cracks, crevices, and floors.

STORAGE AND DISPOSAL

- Do not contaminate water, food, or feed by storage or disposal
- Storage: Store in a cool, dry place. Keep Container closed
- Pesticide Disposal: Wastes resulting from the use of this product may be disposed of by incineration at an approved incineration facility.
- Container Disposal: Triple rinse (or equivalent) and offer for recycling or other approved State and Local authority.

Direction for Use Continued on Rear Panel

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of Resistant Insect
for the 1958-59
under EPA Reg. No.
298-1

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4 of 4

INSTRUCTIONS FOR USE

Use this product in a manner inconsistent with its

Do not mix with water before use. The resulting spray

is for use in horse barns, dairy and hog barns,

Concentrate to 49 parts water.
Concentrate to 36 parts water.
Concentrate to 29 parts water.
Concentrate to 5 parts water.

Flies, Mosquitoes and Gnats. Add water to
Concentrate to obtain desired dilution from
top of tank with water. Mix well. To dispense
using system, locate nozzles to cover max-
imum space. Set system to deliver a maximum of 1 ounce
of space. Set timer to operate 2 to 5 times per
60 seconds each time. Take precautions to

Dairies: To control flies, mosquitoes, and
other insects, dilute 1 part Concentrate to 29 parts of water and apply as a fog
in the upper corners until the area is filled
with 1000 cubic feet of space. For best results,
keep them closed for ten to fifteen
minutes before reoccupying. Repeat as necessary.

Cattle, Goats, Hogs: To control horn flies,
eye gnats and other insects, dilute 1 part Concentrate to 119
parts of water and spray thoroughly, with particular attention to the
head and neck areas. Repeat treatment at in-
terval of 7 to 10 days, or as needed when flies are
seen on the material with eyes and mouth of the

For deer flies, dilute 1 part Concentrate to 29
parts of water and spray thoroughly, with particular at-
tention to the face and other body areas commonly attacked
by these insects. Repeat as needed. Avoid contact of the

Concentrate to 29 parts water. Use a spray which
wets the face of the animal in the morning before
feeding. Do not wet the face, but not more than 1 1/2 ounces
of material with eyes and

For lice and sucking lice on cattle, horses,
and other animals, dilute 1 part Concentrate to 300 parts water
and spray the animal, including the head and brush of the
tail. Repeat as necessary.

For newly hatched lice, dilute 1 part Concentrate to 300
parts of water and spray the animal, including the head and brush of the
tail. Repeat as necessary.

For lice on horses, dilute 1 part of Concentrate with
100 parts of water, and spray the horse, including the head and
brush of the tail. Repeat as necessary.

For the rate of 1 part of Concentrate to 300
parts of water, dilute 1 part of Concentrate to 300
parts of water. Clean out any waste grain, dust, dirt
and manure. Avoid contact of the material with eyes and

For pets, and to obtain protection against
lice, dilute 1 part Concentrate to 300 parts water
and spray the animal by dipping or spraying. For
kennels or animal quarters and bed-
rooms, dilute 1 part Concentrate to 300 parts water
and spray the area. Avoid contact of the material with

For the rate of 1 part Concentrate to 72 parts water
dilute 1 part Concentrate to 72 parts water
and pour 1 to 2 ounces into each ear of
the dog. Avoid contact of the material with

For rapid initial kill of exposed or accessi-
ble areas, dilute 1 part Concentrate to 72 parts water
and pour 1 to 2 ounces into each ear of
the dog. Clean out any waste grain, dust, dirt
and manure. Avoid contact of the material with

Continued on Rear Panel

Directions for Use Continued

Infested stored products should be fumigated or treated by other effective methods, using an approved product intended for this use

In mills, elevators, and granaries, thoroughly spray floors, walls and other surfaces of bins, storage and handling areas, with particular attention to cracks, crevices and similar protected locations. Treat unloading, handling and processing areas, and apply the insecticide to conveying, processing and handling equipment, such as the inside of reel conveyors, purifiers conveyors, sifters, roll housings and hoppers, pickup conveyors, etc. Spray thoroughly around the base of heavy machinery and equipment

Thoroughly treat walls, floors, shelves and other exposed surfaces, and lightly spray each layer of cartons or containers as stacked

Sack surfaces of bagged grain can be sprayed lightly until slightly moist

To control exposed accessible stages of Indian meal moth and Angoumois grain moth in stored grain, Dilute 1 part of Concentrate at a rate of 6 gallons per 1000 square feet. Apply at monthly intervals beginning with the first appearance of moths and continuing until early fall. In case of severe infestation, break up webbing with rake before spraying and make a second application in two weeks.

ON DOGS AND CATS: For control of fleas, lice and ticks, dilute at the rate of 1 part Concentrate to 29 parts water, or 4 1/2 ounces per gallon of water. Dip animal into the solution, making sure hair is thoroughly wet to the skin. The area around the ears should be sponged thoroughly. Avoid contact of the material with eyes and mouth of the animal

INDOOR APPLICATIONS: Remove pets, birds and cover fish aquariums before spraying. Do not contaminate feed or feedstuffs. Do not remain in treated area. Ventilate the area after treatment is completed. Do not apply to food. Do not apply space spray while food processing is underway. Cover or remove all food processing surfaces. Thoroughly wash all food processing surfaces before reuse with an effective cleaning compound followed by a potable water rinse

To control exposed stages of flies, including fruit flies, mosquitoes, gnats and small flying moths, dilute 1 part Concentrate in 59 parts water (2 1/4 ounces per gallon). Close doors and windows and shut off ventilating systems. Apply as a fog or fine mist, directing the spray toward the upper portions of the room and towards windows and other light sources, which attract these insects. Thoroughly fill the area with mist, using 1 to 2 ounces per 1000 cubic feet. Keep area closed for 10 minutes or more. Vacate after treatment and ventilate before re-occupying. Repeat treatment as needed

For initial clean-out of infestations of cockroaches, ants, spiders, silverfish, crickets, box elder bugs, scorpions and clover mites, dilute 1 part of Concentrate in 12 parts water. Spray thoroughly all surfaces where these insects are usually found, including walls, baseboard moldings, doors, cabinets, shelves, sinks and pipes, with special attention to cracks and crevices, niches, dark corners, drains, and similar hiding places. Treat ant trails, nests and runs. When possible, spray insects directly

Repeat treatment using a dilution of 1 plus 29 at the same rate of application after an interval of one month, or when re-infestation occurs

ON GROWING CROPS: May be used on growing crops (outdoors or in greenhouses) up to and including day of harvest. Especially desirable as a clean-up or pre-harvest spray where other materials may not be used, due to residue restrictions. When applied according to accepted use cautions and directions, this Concentrate may be used in combination with other insecticides where resistant insects are a problem, or as an "exciter", where insects are flushed out of hiding and into contact with spray residues

On the following crops to control the insects named, use 4 to 12 ounces per acre in sufficient water to allow thorough coverage (usually 100 gallons). Coverage of upper and lower leaf surfaces is essential for good control:

- ASPARAGUS Asparagus Beetle
- BEANS Aphids, Leafhoppers, White Fly, Mexican Bean Beetle, 12-spotted Cucumber Beetle
- BROCCOLI, CABBAGE, BRUSSELS SPROUTS, CAULIFLOWER Aphids, Cabbage Looper, Cross-striped Cabbageworm, Diamondback Moth Larvae, Flea Beetle, Harlequin Bug, Imported Cabbageworm, Stink Bug
- CELERY Green Peach Aphid, Cabbage Looper, Leaf Tier
- CRANBERRIES Fireworms, Leafhopper
- EGGPLANTS Blister Beetle, Colorado Potato Beetle, Flea Beetle, Green Peach Aphid
- LETTUCE Cabbage Looper, Green Peach Aphid, Diamondback Moth Larvae, Imported Cabbageworm
- MUSTARD GREENS, KALE, COLLARDS, TURNIPS Imported Cabbageworm, Diamondback Caterpillar, Aphids, Cabbage Looper
- PEPPERS Green Peach Aphid
- POTATOES Aphids, Colorado Potato Beetle, Flea Beetle, Leafhopper
- RADISHES Aphids, Flea Beetle
- SPINACH Aphids, Cabbage Looper, Webworm
- TOMATOES Green Peach Aphid, Colorado Potato Beetle, Stink Bug, Flea Beetle
- ORNAMENTALS (African Violets, Asters, Azaleas, Begonias, Camellias, Carnations, Chrysanthemums, Dahlias, Dogwood, Geraniums, Gladioli, Marigolds, Roses, Rubber Plants, Wandering Jew) Aphids, Flea Beetles, Leafhoppers

ORDSOPHILA OR FRUIT FLY CONTROL: Dilute at the rate of 2 parts concentrate with 1200 parts water (or 2 tablespoons full with 4 gallons water). Thoroughly mix the emulsion in the spray tank. Make treatments as follows:

1. Apply liberally to tomatoes and fruits in baskets, on trucks and plants. Use sprayers at high pressure for applying at the rate of 5 or 6 pints of the diluted spray to a two ton load of tomatoes. Direct the spray for a maximum coverage of the baskets or hampers. It is important to spray between and beneath the containers. This spray not only kills the flies, but the emulsion loosens any dead flies so that they are readily washed from the fruit.
2. Spray the raw stock stacked in the yard.
3. Dip baskets in the diluted spray after dumping the fruit to kill adhering larvae and pupae
4. After washing and cleaning up the inside of the processing plant and just prior to bringing fruit into it, the entire space inside the cannery should be sprayed at a dilution of 2 parts Concentrate to 59 parts water (2 pints) with 7 gallons 3 pints water or 4 tablespoons full with 3 1/2 pints water, at the rate of 1 gallon to 750 square feet. Direct spray on walls, ceilings, and floors, paying special attention to forcing spray into all cracks and crevices

STORAGE AND DISPOSAL

- Do not contaminate water, food, or feed by storage or disposal.
- Storage: Store in a cool, dry place. Keep Container closed
- 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) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other approved State and Local procedures

Best Pesticide Control