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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
299-228

Date of Issuance:  
OCT 22 1997

Term of Issuance: Conditional

NOTICE OF PESTICIDE:  
  x   Registration  
  \*   Reregistration

Name of Pesticide Product:  
Martin's Stock-Tox X  
Livestock Spray

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):  
C. J. Martin Company  
606 W. Main Street  
Nacogdoches, Texas 75963

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. ". 299-228

Signature of Approving Official:

Date:

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b. Made the following revisions to the label to be in compliance with PR Notice 96-6 (Pet Pesticide Product Label Statements). "READ ENTIRE LABEL BEFORE USE." "USE ONLY ON DOGS." Clarify Reapplication Limitation. Change "do not treat puppies less than four weeks old" to "Do not treat puppies less than 12 weeks old." unless you have domestic animal safety data on file at the Agency to support use on younger animals. "Consult a veterinarian before using this product on debilitated, aged, pregnant, medicated or nursing 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.". Under Statement of Practical Treatment expand the NOTE TO PHYSICIAN to include information for veterinarians.

c. Revise the front panel user limitations to "For Agricultural/Commercial Use Only. Not for Household Use."

d. We note reference to use in federally inspected meat and poultry plants. We assume you made application and received authorization for use of the product in these areas. If not then add the statement "Not for Use in Federally Inspected Meat and Poultry Plants."

e. The other use sites identified on back panel should be moved to the front panel.

f. Revise the "indoor use areas" format similar to Outdoor Use Areas i.e.

INDOOR USE AREAS

Homes, office buildings, Kennels and the Non-Food/Feed areas of bakeries, beverage plants, canneries, flour areas of bakeries, beverage plants, canneries, flour mills, food processing plants xx etc.

Do not use in food/feed areas of food/feed handling establishments xxx etc."

Non food/feed areas of food/feed manufacturing processing, and handling establishments are areas such as garbage rooms, laboratories, floor drains (to sewers) xxx etc."

g. On page 5 in last paragraph you state follow directions for space spraying. Identify on the label directions for space spraying.

h. Under How to Apply revise "to the point of runoff" to "spray walls and surfaces thoroughly but do not allow runoff to occur; about 1 gallon xxx etc."

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3. Submit two copies of the revised final printed label for the record.

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

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

Enclosure

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[FRONT PANEL]

Martin's  
Established 1883

# STOCK-TOX®X Livestock Spray

AUTHORIZED BY U.S.D.A. FOR USE IN THE INEDIBLE PRODUCT  
AREAS OF OFFICIAL ESTABLISHMENTS OPERATING  
UNDER THE FEDERAL MEAT, POULTRY, SHELL EGG GRADING,  
AND EGG PRODUCTS INSPECTION PROGRAMS

A LONG-LASTING LIVESTOCK SPRAY THAT PROVIDES  
KNOCKDOWN, BROAD SPECTRUM INSECTICIDAL EFFECTIVENESS,  
AND EXCELLENT RESIDUAL ACTIVITY FOR UP TO 28 DAYS.

RECOMMENDED FOR AGRICULTURAL/COMMERCIAL USE

**ACTIVE INGREDIENT:**

\*Permethrin: (3-phenoxyphenyl) methyl (+/-) *cis/trans* 3-(2,2-  
dichloroethenyl) 2,2-dimethyl cyclopropanecarboxylate ..... 10.0%

†INERT INGREDIENTS: ..... 90.0%  
100.0%

\**Cis/trans* ratio: Max. 65% (+/-) *trans* and min. 35% (+/-) *cis*.

†Contains Petroleum Distillates

Contains 0.75 lbs. permethrin per gallon

## KEEP OUT OF REACH OF CHILDREN WARNING

See side (or back) panel for additional precautionary statements

NET CONTENTS \_\_\_\_\_

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

SEPT 22 1997  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
299-228

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[BACK PANEL]

### **LIVESTOCK AND PREMISE SPRAY**

KILLS LESSOR MEAL WORMS (DARKLING BEETLE), POULTRY LICE, FOWL MITES, BED BUGS, HORN FLIES, HOUSE FLIES, FLEAS, TICKS, AND NUMEROUS OTHER INSECTS AS LISTED ON ENCLOSED INSERT.

FOR USE OUTDOORS AND IN HOMES AND NON-FOOD AREAS OF POULTRY HOUSES, DAIRIES, CATTLE BARNs, MILKING PARLORS, HORSE BARNs, SWINE HOUSES, COMMERCIAL BUILDINGS, SCHOOLS, MOTELS, HOTELS, RESTAURANTS, FOOD/FEED PROCESSING ESTABLISHMENTS, HOSPITALS, AND KENNELS.

### **PRECAUTIONARY STATEMENTS**

#### **Hazards to Humans and Domestic Animals**

**WARNING:** Harmful if inhaled. Causes moderate eye injury and skin irritation. Do not get on skin or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing vapor or spray mist and contact with eyes. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

Wear full-faced gas mask with canister type recommended for general insecticide protection for applying indoors as a space spray or fog.

### **STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Do not induce vomiting unless under a physician's care. This product contains petroleum distillate. Vomiting may cause aspiration pneumonia.

**IF INHALED:** Remove person to fresh air. Apply artificial respiration if indicated. Get medical attention.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.

**NOTE TO PHYSICIAN:** Do not administer or instill milk, cream or other substances containing vegetable or animal fats which enhance absorption of lipophilic substances.

### **ENVIRONMENTAL HAZARDS**

This product is highly 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. Do not apply where runoff is likely to occur. Do not apply when wind speeds exceed 10 mph. Do not contaminate water when disposing of equipment washwaters. Shrimp and crab may be killed if application rates recommended on this label are exceeded. Use with caution where these are important resources. This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply this product or allow drift when bees are actively visiting treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

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### PHYSICAL & CHEMICAL HAZARDS

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

### 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:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

**Container Disposal:** *For Containers 1 Gallon and Smaller:* Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

*For Containers 1 Gallon and Larger: Metal Containers -* Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. *Plastic Containers -* Triple rinse or equivalent, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Keep container sealed when not in use. Protect from freezing. Shake or stir product thoroughly before using or reusing diluted emulsion.

To prepare dilutions, the concentrate should first be stirred or agitated well. Add the required amount of concentrate to water and blend thoroughly. Do not hold dilutions for more than 24 hours.

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

Do not allow spray treatment to contaminate pasture land, crop land, poultry ranges or water supplies. Do not use on crops used for food, forage or pasture.

For initial clean-up of severe insect infestation, dilute at a rate of (1) part concentrate in 19 parts water (6.7 fluid ounces per gallon)(0.5%).

For normal infestations, dilute (1) part concentrate in 100 parts water (1.33 fluid ounces per gallon - 8 teaspoonfuls per gallon)(0.1%).

### OUTDOOR USE AREAS

**CORRALS, FEED LOTS, GARDENS, PARKS, HOMES, DRIVE-IN THEATERS, DRIVE-IN RESTAURANTS, GOLF COURSES, PLAYGROUNDS, RECREATIONAL AREAS, SWINE LOTS, URBAN AREAS, ZOOS.**

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**For temporary reduction of annoyance flies, gnats, and 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. Application should be made prior to occupancy. Repeat as necessary.**

In the treatment of corrals, feedlots, swine lots and zoos, cover any exposed water, drinking fountains and animal 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 as necessary.

### **ANIMALS AND ANIMAL PREMISE USE**

#### **CATTLE BARNS, SWINE HOUSES, MILK ROOMS, KENNELS, POULTRY HOUSES, HORSE BARNS, DAIRIES, MILKING PARLORS.**

For initial clean-up of severe insect infestation, dilute at a rate of (1) part concentrate in 19 parts water (6.7 fluid ounces per gallon)(0.5%). For normal infestations, dilute (1) part concentrate in 100 parts water (1.33 fluid ounces per gallon)(8 teaspoonfuls per gallon)(0.1%).

### **INDOOR USE AREAS**

Do not use in food/feed area 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 is exposed or facility is in operation. Serving areas are areas where prepared food are served such as dining rooms, but excluding areas where foods may be prepared or held. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food/feed should be covered or removed.

### **NON FOOD/FEED AREAS**

Including (but not limited to) garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling): BAKERIES, BEVERAGE PLANTS, CANNERIES, FLOUR MILLS, FOOD PROCESSING PLANTS, GRAIN ELEVATORS, GRANARIES, HOSPITALS (non-occupied areas), HOTELS, MOTELS, INDUSTRIAL INSTALLATIONS, KENNELS, MEAT-PACKING PLANTS, HOMES, OFFICE BUILDINGS, RAILROAD CARS, RESTAURANTS, SCHOOLS, SHIPS' HOLDS, SUPERMARKETS, TRUCK TRAILERS, WAREHOUSES.

**Do not apply to classrooms when in use. Do not apply product in occupied patient rooms or any rooms while occupied by the elderly or infirm.**

**Use in USDA Establishments:** Acceptable as a residual pesticide for use in inedible product areas of official establishments operating under the Federal meat, poultry, shell egg grading, and egg products inspection programs. **This product must be used in a manner that precludes entry into edible product areas through open windows, ventilating systems, etc.**

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**As a surface spray to control cockroaches, waterbugs, palmetto bugs, ants, silverfish, beetles, mites, weevils:** Use a good sprayer and adjust 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 surface application only 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 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 animals quarters following treatment. 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 house flies, fruit flies, gnats, mosquitoes, skipper flies, wasps, hornets, bees, black flies, anguomois grain moths and tobacco moths,** direct spray at an upward angle distributing it uniformly through the entire areas 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 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.

EPA Reg. No. 299-  
EPA Est. No. 299-TX-1

C.J. Martin Company  
606 W. Main Street  
Nacogdoches, Texas 75961



[INSERT]

PESTS	DILUTIONS (mix well)	HOW TO APPLY
<b>PESTS ON FARM PREMISES (barns, dairies, loafing sheds, milking parlors, feedlots, stables, paddocks, poultry and livestock housing)</b>		
Horseflies, stableflies, lesser houseflies, and other manure breeding flies; fleas; lice; mites; ticks, including deer tick (carrier of Lyme disease). Aids in the control of cockroaches, mosquitoes and spiders.	Dilute 8 fluid ounces in 6.25 gallons of water Dilute 1 pint in 12.5 gallons of water Dilute 1 quart in 25 gallons of water	Spray walls and surfaces to the point of run-off, about 1 gallon per 750 - 1000 sq.ft. Treat no more often than once every two weeks. Do not contaminate animal's feed or water by spray. Do not use in milk rooms.
<b>PESTS ON DOG PREMISES (kennels, dog houses, runs, and yards)</b>		
Fleas, flies, ticks, lice, mange (adult and larvae)	Dilute 8 fluid ounces in 6.25 gallons of water Dilute 1 pint in 12.5 gallons of water Dilute 1 quart in 25 gallons of water	Thoroughly wet pest breeding or resting areas to run-off. Most efficient pest control is accomplished when heavy pressure and good contact is achieved. Timing and frequency of applications should be based on pest populations reaching nuisance levels, but accompanying manure removal and sanitation practices should precede sprays. Do not spray feed, food or water. Repeat as needed but not more often than once every two weeks.
<b>PESTS IN CATTLE BARNs, HORSE BARNs, SWINE HOUSES, KENNELS, MILKING PARLORS, MILK ROOMS, DAIRIES, POULTRY HOUSES, FEEDLOTS, STABLES, AND PADDOCKS</b>		
Flies, mosquitoes, gnats	Dilute 8 fluid ounces in 6.25 gallons of water Dilute 1 pint in 12.5 gallons of water Dilute 1 quart in 25 gallons of water	FOG OR FINE MIST: Apply, directing the spray toward the ceiling and upper corners until the area is filled with mist. Use about 2 ounces per 1000 cubic feet of space. For best results, close doors and windows before spraying and keep closed for ten to fifteen minutes. Vacate the treated area and ventilate before re-occupying. Repeat treatment as necessary.
<b>PESTS ON LARGE ANIMALS (dairy or beef cattle, horses, sheep and goats)</b>		
Faceflies, hornflies, horseflies, ear ticks	Dilute 8 fluid ounces in 5 gallons of oil Dilute 1 pint in 10 gallons of oil Dilute 1 quart in 20 gallons of oil	BACK RUBBER: Recharge backrubber as needed. Spray lactating dairy cows only after milking is completed.
Faceflies; hornflies; stableflies; mosquitoes;	Dilute 8 fluid ounces in 50 gallons of water	Spray to thoroughly cover entire animal. For lice

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lice; mites; ticks, including deer tick (carrier of Lyme disease).	Dilute 1 pint in 100 gallons of water Dilute 1 quart in 200 gallons of water	or mites a second treatment is recommended 14-21 days later. Spray lactating dairy cows only after milking is completed.
Hornflies, faceflies, stableflies, ear ticks	Dilute 2 fluid ounces in 1 gallon of water Dilute 1 pint in 2.5 gallons of water	SPOT TREATMENT - LOW PRESSURE SPRAY - Apply ½ oz. per ear or 2-4 oz. on face, or 12-16 oz. along the backline.
<b>PESTS ON SWINE AND POULTRY (do not ship swine for slaughter within five days of last treatment)</b>		
Mange mites	Dilute 8 fluid ounces in 25 gallons of water Dilute 1 pint in 50 gallons of water Dilute 1 quart in 100 gallons of water	Spray, dip, or sponge animals. Retreat after 14 days, spraying walls and floor and space bedding to kill late hatching, developing stages.
Blowflies; flies; mosquitoes; hog lice; fleas; ticks, including deer tick (carrier of Lyme disease)	Dilute 8 fluid ounces in 25 gallons of water Dilute 1 pint in 50 gallons of water Dilute 1 quart in 100 gallons of water	Spray, dip, or sponge to apply 1 pint per pig, especially around ears.
Poultry mites, northern fowl mites, lice	Dilute 8 fluid ounces in 12.5 gallons of water Dilute 1 pint in 25 gallons of water Dilute 1 quart in 50 gallons of water	Spray at the rate of ½ oz. per bird, or 1 gallon per 100 birds, with a fine mist. Spray roosts, wall sand nests or cages.
<b>PESTS ON DOGS (do not treat puppies less than four weeks old)</b>		
Fleas; ticks, including deer tick (carrier of Lyme diseases); lice; mange	Dilute 8 fluid ounces in 12.5 gallons of water Dilute 1 pint in 25 gallons of water Dilute 1 quart in 50 gallons of water	Thoroughly wet the animal by dipping, sponging, or spraying. Allow animals to dry in a warm place without rinsing or toweling. Gives long lasting protection against reinfestation and applications at intervals of two to three weeks. Repeat applications as necessary.

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