UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 2 2 1992

Ms. P. Leanne Pruett, Regulatory Specialist Fairfield American Corporation 809 Harrison Street Frenchtown, NJ 08825

Dear Ms. Pruett,

Subject: Amendment - Revised Labeling

Permanone Multi-Purpose 0.25% Spray EPA Registration Number 4816-714 Your Submission Dated April 15, 1992

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

Under Directions for Use, revise the first paragraph as follows:

> Do not use in food 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 is exposed or facility is in operation.

- 2. As previously mentioned in the notice of registration of November 15, 1988, the following label revisions are required:
- a. Use in food handling establishments can imply use in U.S. Department of Agriculture (USDA) Meat and Poultry Plants. Therefore, either add the statement "Not for Use in USDA Meat and Poultry Plants" or submit an application JUSDA requesting use in these areas. If granted, you can then indicate on the label that the product can be used in these areas.
- Change "Controls residential, industrial and garden insects." to "Controls named residential, industrial and garden insects."

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Do not use this product in or on electrical equipment due to the possibility of shock hazard.

d. Under "Bedbugs" and "Clothes Moths" directions, add the following precaution:

Allow all sprayed articles to dry thoroughly before use.

4. We note that the 1-year storage stability study is still outstanding and must be submitted in support of this registration.

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

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

Sincerely,

George T. LaRocca Product Manager (13) Insecticide-Rodenticide Branch Registration Division (H7505C)

PERMANONE® DIRECTIONS FOR USE

EPA REG. NO. 4816-714

EPA EST. NO. 279-NY-1

- CONTAINS THE SYNTHETIC PYRETHROID PEA-MANONE
- CONTROLS RESIDENTIAL, INDUSTRIAL AND GARDEN INSECTS
- FOR USE ON DOGS AND ON PREMISES TO CONTROL
- FLEAS AND TICKS.
- C "NTROLS FLEAS AND TICKS ON DOGS FOR 14 DAYS.
- AN AQUEOUS, STABLE, MICRO EMULSION

MULTI-PURPOSE 0.25% SPRAY

- CONTROLS PESTS FOR UP TO FOUR 'YEEKS
- KILLS LICE AND THEIR EGGS
- FOR USE ON BEDDING, FURNITURE AND OTHER IN-ANIMATE OBJECTS INFESTED WITH LICE.
- NOT FOR USE ON HUMANS

ACTIVE INGREDIENT:

*Permethrin ..

*(3-phenoxyphenyl)methyl (+/-) cis/trans 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate (Cis/Trans ratio: Min. 35% (+/-) cis and max. 65% (+/-) trans.)

PERMANONE - Registered Trademark of Fairfield American Corporation

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional precautionary statements

NET CONTENTS: _____



FAIRFIELD AMERICAN CORPORATION 201 ROUTE 17 NORTH, RUTHERFORD, NJ



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

Do not use in the edible product areas of food/feed processing plants, restaurants or other areas where food/feed is commercially prepared or served. Do not use in serving areas while food is exposed.

Serving areas are areas where prepared foods are served such as dining rooms but excluding areas where foods may be prepared

In the home, all food processing surfaces and atensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed.

Nonfood areas are areas such as 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).

SHAKE WELL BEFORE USING

Remove protective cap, hold container upright and spray from a distance of 12 to 15 inches. Remove birds and cover fish aquariums before spraying.

Houseflies, Fruit Flies, Mosquitoes, Gnats, Wasps, Hornets, Bees, Rlack Files, Skipper Files, Blow Files and Small Flying Moths: Close all doors and windows and spray room at the rate of 2 to 3 seconds per 1000 cubic feet. Direct spray to all parts of the room, especially windows and other light sources which attract these insects. Keep nozzle in constant motion. Repeat treatment as necessary.

Cockroaches, Waterbugs, Palmetto Bugs, Silverlish, Firebrats, Crickets, Scorpions, Spiders, Millipedes, Centipedes, Sowbugs and Pilibugs: Spray into hiding places such as cracks and crevices, behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray when ever possible. Repeat treatment as necessary.

Ants: Spray trails, nests and points of entry. Spray on ants where possible. Repeat as necessary.

Indian Meal Moths, Angoumois Grain Moths: Close doors and windows, direct spray into all parts of room especially around stored food product containers, pallets and darkened areas. Spray 7 to 10 seconds for each 1000 cubic feet of space. Keep area closed for 15 minutes following treatment. Repeat: application as necessary

Exposed stages of Confused Flour Beetles, Saw-Toothed Grain Beetles, Red Flour Beetles, Rice Weevils, Granary Weevils, Grain Mi*+* Spray into cracks and crevices, processing and handling equip ant, around cartons or containers or other areas where these insects tend to congregate. Spray 30 seconds. for each 100 square feet of surface. Keep area closed for 45. minutes to 1 hour after treatment. Repeat application as necessary. Infested stored food products in the home should be disposed of

Carpet Beetles: Spray directi shelves and carpats. Repeat tr

Bedbugs: Solay mattresses, pa Take beds apart and spray in moldings and floors. Repeat to

To control Clothes Moths and proteinaceous fibers: Remov brush thoroughly, and air for se Apply spray liberally to empty of storages directing the spray into airing, infested articles may be t nozzle at least three feet from f

in Animal Quarters and Milk R Files, Mosquitoes, Gnats, Wi Flying Moths, close windows 2 seconds per 1000 cubic feet area closed for 10 minutes after area and ventilate after treatme

To Treat Livestock: To prote sheep, hogs and horses from at Deer Files, Face Files, House and Gnats: Spray about 3 sec spray back, withers and forelege Files, spray the face and head, treatment when flies are trouble

For Swine: Do not ship animal treatment.

To control Blood Sucking Lie the animal, using a stiff brush hair. Repeat every 3 weeks if

To control Poultry Lice, spray thoroughly. This should be follo a fine mist.

For control of Bedbugs and crevices of roost poles, cracks the bedbugs and mites hide.

Fleas and Ticks: (Adults and clean or destroy pet bedding. entire floor and floor covering, t crevices around baseboards. fested upholstered furniture ma A test application should be in in an inconspicuous place 670

To control *Flees, Ticks and Lice* on dogs. Starting at the tail, stroke against the lay of the hair, spraying the parted fur in short bursts, directly behind the hand to insure penetrating the coat. Dampen the fur up to the head. Repeat application weeks, if necessary to control infestations. NOTE: Not recommended for use on pupples less than four weeks old.

To kill Lice and Louse eggs: Spray in an inconspicuous area to test for possible staining or discoloration. Inspect again after drying, then proceed to spray entire area to be treated. Hold container upright with nozzle away from you. Depress valve and spray from a distance of 8 to 10 inches. Spray each square foot for three seconds. Spray only those garments and parts of bedding, including mattresses and furniture that cannot be either laundered or dry cleaned. Allow all sprayed articles to dry thoroughly before use.

For the Control of Garden Insects: For use on roses, dahlias, asters and other ornamentals to kill Japanese Beetles * 1: by apray, as well as Whitefiles, Aphids, exposed Thrips, Spiders Red Mites and Leafminers.

May be used on plants, as well as a multi-purpose spray in small gardens and for spot treatments of inciprent insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, delph niums, dogwood, English ivy, euonymus, fuschia, geraniums, crassul grape vine, Kentia palm, laurel, marigolds, rhododendrons, s, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

Effective when used as directed again Whiteflies, Aphids, Spider and Red Mites, exposed Thrips, Lace Bugs, Japanese Beetles, Pavement Ants, Clover Mites and Army Worms. When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Spray in one second builts. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90 F. Contact insects directly whenever possible. Repeat treatment as infestations occur

STORAGE AND DISPOSAL

Store in a cool, dry area. Do not transport or store below 32°F.

Wrap container in several layers of newspaper and dispose of in trash. Do not incinerate or puncture.

STATEMENT OF PRACTICAL TREATMENT

IF INHALED: Remove affected person to fresh air. Apply artificial respiration if indicated.

IF IN EYES: Flush with plenty of water. Contact a physician if irritation persists.

IF ON SKIN: Wash affected areas immediately with soap and water. Get medical attention if irritation persists.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Aviod spraying in eyes. Avoid breathing spray mist. Avoid contact with skin. Wash hands thoroughly after use. Vacate room after treatment and ventilate before reoccupying. Avoid contamination of feed and foodstuffs. Cover or remove fishbowls. This product is not for use on humans. If lice infestations should occur on humans, use an EPA registered product labeled for use on humans.

Animals: Do not spray directly in/on eyes, mouth or gonitalia of pets. Do not treat or cause exposure to kittens or pupples less than four weeks old.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

Puyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.



CONTROLS PREHARVEST DROP - APPLES AND PLARS

Spray trace thoroughly, wetting all trust stems and adjacent leaves. K.SA, 7 FRUIT FIX BUILDAD street. effective in 3 to 4 days after application and controls drop for two (2) weeks. Separate sprays stybild the applied to early and late measuring varieties. Do not make more than? applications are tide not delay picking beyond optimism meturely. (a) that spray within 2 days of herveys.

FOR DILLITE OR CONCENTRATE SPRAYING WITH GROUND EQUIPMENT

			ACH MACHEL	
	Doi	Jf6	Concentrate	
Crop	Sprity Conc (ppth active ingredient)	K Selt 800 per 100 Gels	K Salt 800 per acre	Flomarks
Auples*	5-10 ppm (Edetern U.S.) 15-20 ppm (Pecilic N.W.)	03-06 flot. 09-12 flc	40568 oz 40568 oz	Apply to fruit 7 to 14 days before hervest
Pears (D'Anjou, Bosc and Bartlett)	10-15 ppm	10 H E D-9 0	2040ho:	Apply to frue 5 to 7 days before harvast

*For applies, variety and climatic conditions will affect the actual rate required

SPRAY PREPARATION CHART FOR DILUTE SPRAY

Zonc /ppm	Gallone/Acre	100	200	300	400
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5	ļ	030 "	0.60 .	0.90	1 20
75		0 45 "	0.90 "	1 35 '	180 "
10	!	060 "	1 20 1	1.80 "	2 40 "
15	i	096 "	1 80 "	2 70	3 60
20		1 20	2 40 "	3 60	4.80

AERIAL APPLICATION

Aucraft should utilize spray equipment which gives thorough spray overage it: all portions of trees. Apply city when wealthy conditions favoring minimal spray richt. Use lower rates for normal tolarge and invany, the higher rates for dense follage and heavy truting.

APPLES and D'ANJOU PEARS. Use 1/4 to 1/2 pint (4 to 8 fluid ounces) in at least 5 gallons acre. Do not apply within 2 days of hervest

FOR USE IN PRESERVING ORNAMENTAL **HOLLY BOUGHS**

To delay leaf drop of Holly boughs, make a "ligh" solution containing 1/4 to 1/2 cup (2 to 4 fluid ounces) in 100 gallons of water, (equals 33 to 56 ppm). Dip Holly boughs as econ as possible after cutting. Allow access solution to drain. Do not soal or leave boughs in dip solution. Replantsh dip solution as needed However, to mantant economics soon replaces with fresh solution revery 3 to 4 days. Package white moret to keep boughs fresh until used. Maintain a 34 to 40 degree temperature in bough storage area.

Do not mix or apply K-C rit Fruit Fix 800 with any other perticide, additive, or feruitzer except as specifically recommended on this labeling

FOR PATES AND APPLICATION TIMING FOR YOUR SPECIFIC VARIETY AND LOCATION, CONSULT YOUR LOCAL EXTENSION POMOLOGIST FOR RECOMMEN. ATIONS

BEST AVAILABLE COPY

FRUIT FIX 800

A HORMONE TYPE PRODUCT FOR THINNING APPLES, CITRUS, OLIVES, PEARS AND FOR CONTROL and between to see the control parameters such as 1961 (see, e.g., Control and the control parameters such as 1961 (see, e.g., Control and the control between depending on to, 4/7, production (e.g., e.g., control and the control between depending on to, 4/7, production (e.g., e.g., control and the contr OF PREHARVEST DROP OF APPLES AND PEARS

ACTIVE INGREDIÇATE 1-Nephthalune Acetic Acid. Potassium Salt INERT INGREDIENTS

Equivalent to 20.2% 1-Naphthaleneacetic Acid or 800 grams (1.76 ibs.) per gallon KEEP OUT OF REACH OF CHILDREN

CAUTION PHECAUCION AL USUARIO. Scuitted no line ingles, no use este producto has a gon la el-sueta le have sido estricado emoliar

STATEMENTS OF PRACTICAL TREATMENT If SWALLOWED Cast a physician or Purson Control Carter immediately induce vomit: [1] diministry for 7] states of water and touching back of throat Do not give anything by mouth to an unconscisus or consultang partion. If If If Y 5, Thinn years with jeight of water Germade, at Behandon if entation persons in ON SMB. Wash this cruphy with susp and water. If INHALLO Removed to Read at the Control of the Control

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

CAUTION: May be harmful if seekened. As all treatising sexus mis. As specific harmonic were or cleathing. Wash burningly after handling.
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Do not apply directly to sealer, to ereal where surface water is present, or to intertidal areas below the mean that surface water is present, or to intertidal areas below the mean high water mark. Do not contemmate water by cleaning of equipment or disposal of wastes. Do not contaminate in girthin risches or water used for image on or domestic purposes. Do not apply when cumdition, levels diff. from treated areas. Do not use in a greenhouse Service Parist 1-1/ Additional Processionality Statements.
DIRECTIONS FOR USE

P is a violation of Federal term to use this product in manner incorrectant with its labeling.

Do not apply this product through any type of impation system.

STORAGE AND DISPOSAL.

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4100 EAST WASHINGTON BLVD LOG ANGLLES, CA 80023 U.S.A.

GENERAL INFORMATION FOR USE

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CHEMICAL THINNING APPLES

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The preferred application temperature is between \$200 and \$50. Appropriate in the color mended being bi? I or above \$0° I wher daylime temperatures exceed \$0° i mentioning moods. Solid theorety can be obtained under the latter conditions with being rare, of them is

IMPORTANT IR Salt Eriet En. 800 elevent but be used on early season varieties these that right The Officered in State Criminal out BRIDGITH OF UNBOUND HIS MANY MEMBERS AND COLORIDATE SINCE Server Relief Michigania such as Yelvies (ransparent) [any Williams Red and Coloridatic since server Reliefy of Over Buinding may occur Area (hindle) are optified to be because of the central coloridation of the central central coloridation of the central centra

CHEMICAL THINNING - PEARS

Variet:	Spre. (vincentration ppm Artive ingredient	Amt F Santin per 10 Galloni
Samer ten.	. (Plus Surfactent	f 1 1.98 oz

April P. Satt Fruit Er. 800 online per visa: 11-25 dails after the book and with a suitant pet favor. It go to it is four the 801 may be tracked user. If the state of some be selved. The pet of the state of suitant some beautions. The performance appears to ensure that a suit 1 in August Absolutions for excess on less buildings.

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CHEMICAL THINNING - OLIVES
THONG IS CHITICAL Spray where your strong see 1 to 1.1 to 1 unless you wish foremove all your hur.

Apply a soldaun of 120 ppm by adding 7.2 h. oz. an La wetting agent riv. (wet, 14 k., 16 cz i t. + t. a.

galants to water 12 days after full beaut. The array cook entration should be adjusted upwar to 10 perts per melor i for each day followers, full besom during the therming peniod

CHEMICAL THINNING - ORANGES, TANGERINES (Manclanns), TANGELOS AND TANGE 'S

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thirthy treats. The grower must determine a suitable concentration and time of application for his cultivars and location.

Concentrations in the 100 to 150 ppm range should be triad and applications made when the flust continues an energy stage of development (5 to 20 mm in deminister) and near the normal permod of Junio Dropi" (in Florida the period of reastal drop occurs in May.) Higher thinning activity should be expected during his westerner. Therefore hower concentrations should be used during occier as it will degree to 40 higher) and higher concentrations should be used during occier as it were seather (15 degrees to 95 degrees 10 for degrees 10 m effectiveness of it. Saft Fruit for 800 dimensions cannot be able to the saft degree of the structure of the saft concentrations.

Do not apply more than it as plication per year. Do not use on varieties where both young and histoclose to a sturry are present on true. Do not apply within 150 days of harvest

MOTECL: This product conferms to its climms at description and is readily assessed by fifth many type and Maked on the later select creat in an octain a with death instruction or small contributors from Manufacture is not responsible for the sear of the product unstance in the later estimaters or under abnormal conditions, or under conditions not reasonably foreseable to the manufacturer floor select and the ouyer as summer me risk of any such use (54.43A2 PM3 Thinkend 11.15.91).