

AUG 24 1983

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Mr. Nick Sanchez  
Prentiss Drug & Chemical Co., Inc.  
21 Vernon Street  
Floral Park, NY 11001

Dear Mr. Sanchez:

Subject: Prentox Pyronyl Pet and Yennel Spray Concentrate  
EPA Registration No. 665-660  
Your Submission of July 29, 1983

Your submission of the above date, proposing to voluntarily update your labeling Statement of Practical Treatment, is acceptable as proposed.

Sincerely yours,

Timothy A. Gardner  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

TS-767:WPNelson:KCF-24502:WANG-08:PC:RHH:raven:479-2013:L/16/83

SYMBOL	DESCRIPTION	DATE	INITIALS	REMARKS	DATE	INITIALS	REMARKS	DATE	INITIALS	REMARKS

**PRECAUTIONARY STATEMENTS**  
**HAZARD TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**

Harmful if swallowed. Avoid breathing vapor. Avoid contact with skin, eyes, or clothing. Wear mask or respirator of type recommended by NIOSH (National Institute for Occupational Safety and Health) to give adequate protection against this material. Wear protective clothing. Wash exposed skin with soap after handling and before eating. Wash all contaminated clothing with soap and water separately from other clothing, before reuse.

The use of this product in food processing or food handling establishments should be confined to time periods when the plants or facilities are not in operation. Food should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

**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. Open dumping is prohibited.

**PESTICIDE DISPOSAL**—Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state or local procedures.

**CONTAINER DISPOSAL**—Empty rinse or equivalent containers offer for recycling, reconditioning, repurchase and dispose of in a sanitary landfill or by other approved state and local procedures.

**HOUSE USE AS A SPACE SPRAY (MULATED)**—The use of this product in food processing or food handling establishments should be confined to time periods when the plants or facilities are not in operation. Food should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before use.

Close windows and doors and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray in droplets over 50 microns in diameter and 80% less than 30 microns. Apply at a rate of 1 ounce per 1,000 cubic feet of space. Direct the spray toward the ceiling and upper corners of the area behind obstructions. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary. Sweep up and destroy fallen insects.

The method of application will control exposed accessible stages of FLIES (including FRUIT FLIES), MOSQUITOES, SMALL FLYING MOTHS, GNATS, WASPS, HORNETS, CLOVER MITES, CHEESE MITES, CHEESE SKIPPERS, BOXELDER BUGS, EARWIGS, ANTS and the following common stored product pests: GRAMMARY WEEVILS, RICE WEEVILS, CONFUSED FLOUR BEETLES, SAW TOOTHED GRAIN BEETLES, SPIDER BEETLES, CIGARETTE BEETLES, DRUGSTORE BEETLES, ANGOUMOIS GRAIN MOTHS, MEDITERRANEAN FLOUR MOTHS, INDIAN MEAL MOTHS, TOBACCO MOTHS, YELLOW MEALWORMS, DARK MEALWORMS, GRAIN MITES, CADELLES and RED FLOUR BEETLES.

**HOUSE POINT PRODUCTS** in storage or being processed for control of CONFUSED FLOUR BEETLES, DRIED FRUIT BEETLES, INDIAN MEAL MOTHS and SAW TOOTHED GRAIN BEETLES. Remove and destroy infested products. As noted above, dispense this product as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Use one-half ounce per 1,000 cubic feet of space. Repeat application at this dosage in any given month. Leave the room closed for one hour. Do not remain in treated areas and ventilate the area before re-entry. Sweep up and destroy fallen insects.

**STORED FOODS** (Stored in multi-wall bags or cloth bags in warehouses, storage rooms, flour mills, grain elevators, granaries for control of ANGOUMOIS GRAIN MOTHS, CADELLES, CONFUSED FLOUR BEETLES, INDIAN MEAL MOTHS, MEDITERRANEAN FLOUR MOTHS, RICE WEEVILS, SAW TOOTHED GRAIN BEETLES, YELLOW MEALWORMS, CHEESE MITES, CHEESE SKIPPERS, CIGARETTE BEETLES, GRAIN MITES, GRAMMARY WEEVILS, DARK MEALWORMS, RED FLOUR BEETLES. Remove and destroy infested products. As noted above, dispense this product first by directing spray into corners, under papers, and around stacks of packaged foods. Then, as many insects as possible and then

**prentox®**

**Pyronyl Oil Concentrate #15A**

For Use by Trained Personnel Only

Authorized by U.S.D.A. for use in Federally inspected meat and poultry plants.

**ACTIVE INGREDIENTS:**

Pyrethrins .....	1.00%
Piperonyl Butoxide Technical* .....	5.00%
Petroleum Distillates .....	94.00%
<b>TOTAL .....</b>	<b>100.00%</b>

\*Consists of 4.0% (butylcarbtyl) (6-propylpiperonyl) Ether and 1.0% related compounds

effective in the control of the below-listed insects if the applicator follows the directions for use as set forth in this label

- ANGOUMOIS GRAIN MOTHS
- ANTS
- BOXELDER BUGS
- CADELLES
- CHEESE MITES
- CHEESE SKIPPERS
- CIGARETTE BEETLES
- CLOVER MITES
- CONFUSED FLOUR BEETLES

- DARK MEALWORMS
- DEER FLIES
- DRIED FRUIT BEETLES
- DRUGSTORE BEETLES
- EARWIGS
- FRUIT FLIES (DROSOPHILA)
- FUNGUS GNATS
- GNATS
- GRAIN MITES
- GRAMMARY WEEVILS

- HORN FLIES
- HORNETS
- HORSE FLIES
- HOUSE FLIES
- INDIAN MEAL MOTHS
- LICE
- MEDITERRANEAN FLOUR MOTHS
- MOSQUITOES
- MUSHROOM FLIES
- RED FLOUR BEETLES

- RICE WEEVILS
- SAW-TOOTHED GRAIN BEETLES
- SMALL FLYING MOTHS
- SPIDER BEETLES
- STABLE FLIES
- TOBACCO MOTHS
- WASPS
- YELLOW MEALWORMS

E.P.A. Reg. No. 655-983

E.P.A. EST. NO. 655-QA-1

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

**LOT #** \_\_\_\_\_

**DIRECTIONS FOR USE (CONT'D)**

Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Use a dosage of one-half fluid ounce per 1,000 cubic feet of space. Do not remain in treated areas and ventilate area before re-entry. This application will kill accessible exposed stages of those stored product pests noted above. Sweep up and destroy fallen insects.

**HOUSE USE AS A SPACE SPRAY (MULATED)**—For use in conventional mechanical fogging equipment to kill FLIES, FRUIT FLIES, MOSQUITOES, SMALL FLYING MOTHS, AND GNATS. Cover or remove exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating system equipment. Dilute 1 part concentrate plus 2 1/2 parts oil (refined kerosene) or mineral oil. Apply at the rate of 1 to 2 fluid ounces per 1,000 cubic feet filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when recontamination occurs.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**



Manufactured by  
**prentiss**  
 Drug & Chemical Co.

Plant: Koolin Road  
 Sandersville, GA. 31082  
 Office: 363 7th Avenue

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**DIRECTIONS FOR USE**  
**SURFACE SPRAY**  
**BOXELDER BUGS**  
**SPIDER BEETLES** :  
 and mix well and apply  
 of spray mixture to  
 surfaces of bins and  
 careful to treat crevices  
 handling and process  
 equipment. Spray up  
 For in transit product  
 before loading. The  
 cartons or containers  
 To control INDIAN  
 grain, apply to the  
 feet. Apply at rate  
 continuing until ear  
 rate before spraying.  
 As an aid in control of  
 ceilings, moldings,  
 similar resting places  
**ANIMAL QUARTER USE**  
 (zoos) As a space  
 equipment to kill Fl  
 1 part concentrate  
 at the rate of 2 fluid o  
 spray towards the  
 Keep area closed for  
 reoccupying. Repeat  
**MUSHROOM FLIES**  
**FUNGUS GNATS** in  
 Methylene Chloride  
 feet of space. Fogging  
 be directed slightly  
 operation, but for be  
 and canning plants  
**FOR USE IN FEDERAL**  
 A ULV spraying device  
 Apply the spray un  
 underneath sinks, b  
 Contact as many in  
 exposed as possible  
**EARWIGS, ANTS, SP**  
**MOTHS AND GNATS**  
 materials must be c  
 be thoroughly rinea  
 a space spray only  
**BUTTER BRUSH AN**  
**GNATS AND SMALL**  
 broods of approxima  
 spraying device spr  
 area to be controlle  
 approximately 5 imp  
 To control MOSQUITO  
 and apply at the rate  
 to the border of th  
 mosquito larvae are  
**TEMPORARY RESIDU**  
**FLYING MOTHS OUT**  
 ground application  
 pests in public gath  
 courses. Multiple ap  
 application into tall  
 hover or rest, apply  
 made prior to attend  
 in additional outdoor  
 water drinking foun  
 directing application  
 pests may hover or  
 avoid exposure of t  
**FOR USE ON ANIMALS**  
**FLIES, HOUSE FLIES**  
 plus 2 1/2 parts oil (ref  
 wet the top of the ha  
 on beef and dairy ca  
 to wet the hair but re  
 intervals to give con  
 To control the mosqu  
 apply the spray to th  
 repeat 2 to 3 times a

# prentox<sup>®</sup>

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\*Consists of 4.0% (butylcarbityl) (6-propylpiperonyl) Ether and 1.0% related compounds

effective in the control of the below-listed insects if the applicator follows the directions for use as set forth in this label.

**ANGOUMOIS GRAIN MOTHS**  
**ANTS**  
**BOXELDER BUGS**  
**CADELLES**  
**CHEESE MITES**  
**CHEESE SKIPPERS**  
**CIGARETTE BEETLES**  
**CLOVER MITES**  
**CONFUSED FLOUR BEETLES**

**DARK MEALWORMS**  
**DEER FLIES**  
**DRIED FRUIT BEETLES**  
**DRUGSTORE BEETLES**  
**EARWIGS**  
**FRUIT FLIES (DROSOPHILA)**  
**FUNGUS GNATS**  
**GNATS**  
**GRAIN MITES**  
**GRANARY WEEVILS**

**HORN FLIES**  
**HORNETS**  
**HORSE FLIES**  
**HOUSE FLIES**  
**INDIAN MEAL MOTHS**  
**LICE**  
**MEDITERRANEAN FLOUR MOTHS**  
**MOSQUITOES**  
**MUSHROOM FLIES**  
**RED FLOUR BEETLES**

**RICE WEEVILS**  
**SAW-TOOTHED GRAIN BEETLES**  
**SMALL FLYING MOTHS**  
**SPIDER BEETLES**  
**STABLE FLIES**  
**TOBACCO MOTHS**  
**WASPS**  
**YELLOW MEALWORMS**

E.P.A. Reg. No. 655-063

E.P.A. EST. NO. 655-GA-1

**NET CONTENTS**

**DIRECTIONS FOR USE (CONT'D.)**

Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Use a dosage of one-half fluid ounce per 1,000 cubic feet of space. Do not remain in treated areas and ventilate area before re-entry. This application will kill accessible exposed stages of those stored product pests listed above. Sweep up and destroy fallen insects.

**LOT #**

**INDOOR USE AS A SPACE SPRAY (DILUTED):** For use in conventional mechanical fogging equipment to kill FLIES, FRUIT FLIES, MOSQUITOES, SMALL FLYING MOTHS, AND GNATS. Cover or remove exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating system equipment. Dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply at the rate of 1 to 2 fluid ounces per 1,000 cubic feet filling the room with mist. Keep area closed for at least 15 minutes. Ventilate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

**DIRECTIONS FOR USE (CONT'D.)**

**SURFACE SPRAY:** To insure maximum control of crawling insects (ANTS, BOXELDER BUGS, CLOVER MITES, DRUGSTORE BEETLES, EARWIGS, LICE, SPIDER BEETLES) dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well and apply as a coarse wetting spray using approximately 1 gallon of spray mixture to 750 square feet of surface. Spray walls, floor and other surfaces of bins and storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Treat unloading, handling and processing areas and inside conveying processing and handling equipment. Spray thoroughly around the base of heavy machinery and equipment. Spray insects directly when possible.

For in transit protection, clean and spray truck beds, boxcars and ship's hold before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers tightly as stacked.

To control INDIAN MEAL MOTHS and ANGOUMOIS GRAIN MOTHS in stored grain, apply to the surface of binned grain at a rate of 1 gallon per 1,000 square feet. Apply at monthly intervals with the first appearance of moths and continuing until early fall. In case of severe infestation break up stacking with rake before spraying and make a second application in two weeks.

As an aid in control of MOSQUITOES, GNATS, WASPS AND SKIPPERS, treat walls, ceilings, moldings, screens, door and window frames, beams, light cords and similar resting places.

**ANIMAL QUARTERS (Cattle barns, horse barns, poultry houses, swine houses, zoos):** As a space spray diluted for use in conventional mechanical fogging equipment to kill FLIES, MOSQUITOES, SMALL FLYING MOTHS AND GNATS, dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply at the rate of 2 fluid ounces per 1,000 cubic feet of space above the animals. Direct spray towards the upper portions of the enclosure filling the room with mist. Keep area closed for at least 15 minutes. Ventilate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

**IN BUSHHOOD PRODUCTION AND PROCESSING:** To control MUSHROOM FLIES or FUNGUS GNATS in growing houses, dilute 1 part of concentrate plus 29 parts Methylene Chloride and mix well and apply at a rate of 1 ounce per 1,000 cubic feet of space. Fogger should be operated 8 to 10 feet away from beds and should be directed slightly upward over them. Circulating fans should be left in operation but for best results, refrigeration should be turned off. In packaging and canning plants, use at a rate of one-half ounce per 1,000 cubic feet of space.

**FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS:** Use undiluted with a ULV spraying device at the rate of one ounce per 1,000 cubic feet of room space. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects shelter. Contact as many insects as possible. Repeat as necessary for control of exposed or accessible stages of ROACHES, SILVERFISH, WATERBUGS, EARWIGS, ANTS, SPIDERS, FLIES, FRUIT FLIES, MOSQUITOES, SMALL FLYING MOTHS AND GNATS. Before using exposed food products and packaging materials must be covered or removed. After use, equipment and utensils must be thoroughly rinsed with potable water before operation or resumed. Use as a space spray only when plant is not in operation.

**OUTDOOR GRASS APPLICATION (DILUTED):** To control ADULT MOSQUITOES, GNATS AND SMALL FLYING MOTHS. For best results, apply when there is a light breeze of approximately 5 mph and temperature is cool (75° or less). With a ULV spraying device spray at a dosage rate of 5 ounces per minute upwind of the area to be controlled. If the equipment is truck mounted, keep the speed to approximately 5 mph with a swath width of no more than 200 feet.

To control MOSQUITO LARVAE, dilute at the rate of 15 ounces per 50 gallons of oil and apply at the rate of 20 to 25 gallons per acre. Apply as a coarse wetting spray to the border or an shallow water of wet lands, swamps and marshes where mosquito larvae are known to breed.

**TEMPORARY REDUCTION OF ANNOYANCE FROM FLIES, MOSQUITOES AND SMALL FLYING MOTHS OUTDOORS:** The store-mentioned application for outdoor ground application will afford temporary reduction of annoyance from these pests in public gathering places (drive-in restaurants, drive-in theaters, golf courses, municipalities, parks, playgrounds and recreational areas). Direct application into tall grass, shrubbery and around lawns where these pests may hover or rest, apply while air is still. Avoid wetting foliage. Application should be made prior to attendance. Repeat as necessary.

In additional outdoor areas (corrals, feed lots, some lots and runs) cover water drinking fountains and animal feed before use. Fill area with mist, directing application into tall grass, shrubbery and around lawns where these pests may hover or rest, apply while air is still. Avoid wetting foliage in runs. Avoid exposure of reptiles to the product. Repeat as necessary.

**FOR USE ON ANIMALS:** To protect beef and dairy cattle, horse and dogs from HORSE FLIES, HOUSE FLIES, MOSQUITOES, AND GNATS, dilute 1 part of concentrate plus 29 parts oil (refined kerosene) and mix well. Apply a light mist sufficient to wet the tips of the hair. To control STABLE FLIES, HORSE FLIES and BEEF FLIES on beef and dairy cattle and horses, apply 2 ounces per adult animal, sufficient to wet the hair but not to soak the hide. Repeat treatment once or twice daily or at intervals to give continued protection.

To control the merle stages of BLOOD SUCKING LICE on beef and dairy cattle, apply the spray to thoroughly wet the hair. Use 2 ounces or less per animal and repeat 2 to 3 weeks as required.

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Manufactured by

**prentiss**

Plant: Kaulin Road  
Sandersville, GA. 31082

Office: 363 7th Avenue

Drug & Chemical Co.

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**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

- if swallowed** - Call a physician or Poison Control Center immediately. **DO NOT INDUCE VOMITING.** Vomiting may cause aspiration pneumonia.
- if inhaled** - Remove victim to fresh air. Apply artificial respiration if indicated.
- if on skin** - Remove contaminated clothing and wash affected areas with soap and water.
- if in eyes** - Flush eyes with plenty of water. Call a physician immediately.

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

**BEST DOCUMENT AVAILABLE**

LEFT PANEL

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION

Harmful if swallowed. Keep out of reach of children. Avoid breathing spray mist. Avoid skin and eye contact. Wash thoroughly after handling and before eating or smoking.

Do not allow children or pets to contact treated surfaces until spray has dried. Do not use on plants. Do not allow spray to contact food, foodstuffs, or water supplies. Thoroughly wash dishes and food handling utensils contaminated with this product. Remove pets and cover fish bowls before spraying.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Keep out of lakes, streams and ponds. Do not contaminate water by disposal of wastes. Apply this product only as specified on this label.

PHYSICAL HAZARDS

Do not use, or store near heat or open flame. Exposure to temperatures above 130°F may cause bursting.