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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

Richard A. Miller  
Prentiss Incorporated  
C.B. 2000  
Floral Park, NY 11002-2000

SEP 14 1998

Subject: Prentox Carbaryl 5D  
EPA Registration No. 655-788  
Amendment dated January 12, 1998  
Federal Register (Vol. 63, No. 52) March 18, 1998  
Use Deletion for ticks and fleas on dogs and cats.

Dear Mr. Miller:

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 indicated below before you release the product for shipment bearing the amended labeling:

1. On page 1 in the heading "IMPORTANT PREHARVEST AND GRAZING USE INFORMATION : LIMITATIONS" delete the sentence "Where no preharvest or grazing limitations are stated, application can be made to the day of harvest, and crops can be grazed without time delay if directions for use on the crop are followed". On page 2 under the crop headings the following preharvest interval (PHI) information must be added:

Beans and Garden Peas: "Do not apply within 14 days of grazing or harvest for forage or within 3 days of harvest of fresh beans or peas or within 21 days of harvest of dried beans or peas, seed, or hay."

Cucumbers, Melons, Pumpkin and Squash: "Do not apply within 3 days of harvest".

Potatoes, Tomatoes, Eggplants and Peppers: "Do not apply within 7 days of harvest on potatoes, or within 3 days of harvest on tomatoes, eggplants and peppers".

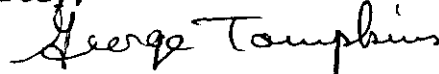
Corn: "Do not apply within 2 days of harvest of ears or within 14 days of harvest or grazing of forage or within 48 days of harvest of fodder".

2. Remove the crop Okra from this label as the use of carbaryl for okra is no longer supported.

3. Under the heading "BEANS" correct the spelling of "cowpass" to "cowpeas".

Submit two copies of your final printed labeling before you release the product for shipment. A copy of the labeling stamped "Accepted with Comments" is enclosed for your records.

Sincerely,



George Tompkins, Ph.D., Entomologist  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

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# PRENTOX® CARBARYL 5D

<b>ACTIVE INGREDIENT:</b>	Carbaryl (1-Naphthyl N-methylcarbamate) .....	5% by wt.
<b>INERT INGREDIENTS:</b> .....	TOTAL	95% by wt. 100%

PRENTOX® — Registered Trademark of Prentiss Incorporated

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS  
N-Methyl Carbamate**

**CAUTION:** Harmful if swallowed. Avoid breathing vapors (dust or spray mist). Avoid contact with eyes, skin or clothing. Do not use this product in commercial food areas of food handling establishments, restaurants, or other places where food is prepared or processed.

Avoid contamination of food, feed, water supplies, streams and ponds.

**NOTE TO PHYSICIAN:** Carbaryl is a moderate, reversible, cholinesterase inhibitor. Atropine is antidotal.

**Personal Protective Equipment:**  
Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations**

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

READ ENTIRE LABEL. USE IN STRICT ACCORDANCE WITH LABEL DIRECTIONS AND CAUTIONS.

E.P.A. REG. NO. 655-788

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

Manufactured by:

**PRENTISS INCORPORATED**

Plant: Kaolin Road, Sandersville, GA 31082  
Office: C.B. 2000, Floral Park, NY 11002-2000

DIRECTIONS FOR USE, CONDITIONS OF SALES, WARRANTY and LIMITATIONS OF DAMAGE PROVISION

**IMPORTANT:** Read these entire Directions, Conditions of Sale, Warranty and Limitations of Damage Provision before using Prentox Carbaryl 5D.

**CONDITIONS OF SALE:** These directions for use reflect the opinion of experts based on tests of effectiveness under normal conditions of use. However, because of the wide range of conditions under which this product may be used, even though the label directions are followed, it is impossible to eliminate all risks associated with its use because of abnormal conditions beyond the control of the seller. Prentiss Incorporated and the seller offer, and the buyer uses, this product subject to the understanding that the buyer assumes all such risks.

**WARRANTY AND LIMITATIONS OF DAMAGE:** Prentiss Incorporated warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions, conditions of sale: subject to risks referred to therein. Prentiss Incorporated makes no other express or implied warranty of fitness or of merchantability, or any other express or implied warranty, and no agent of Prentiss Incorporated is authorized to do so except in writing, with a specific reference to this warranty. In no case shall Prentiss Incorporated or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.

**CAUTIONS**

**IMPORTANT PREHARVEST AND GRAZING USE INFORMATION & LIMITATIONS**

Tolerances established under the Federal Food, Drug and Cosmetic Act permit the sale of crops bearing probable Carbaryl residues when Carbaryl is used in accordance with label directions. Preharvest and grazing use limitations are listed at the end of the directions for each crop use. Where no preharvest or grazing limitations are stated, application can be made to the day of harvest, and crops can be grazed without time delay if directions for use on the crop are followed. If Carbaryl Insecticide is used in accordance with label directions, forage and feed crops - including bean vines, carrot tops, cowpea hay, peanut hay, pea vines, rice straw, soybean hay and sugar beet tops - may be grazed or harvested for use as feed for dairy and meat animals without resulting in residues in milk or meat.

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**

SEP 14 1998  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.

**GENERAL CAUTIONS**

1. To avoid possible injury on tender foliage, do not apply when foliage is wet or when rain or excessive humidity is expected during the next two days.
2. DOES NOT control Spider Mites but is compatible with common miticides.

**DIRECTIONS FOR USE**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**Agricultural Use Requirements**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and the handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves and shoes plus socks.

**HOME GARDEN USER SAFETY REQUIREMENTS**

Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when applying this product.

Change clothing as soon as possible after use.

Wash the outside of gloves before removing. As with any pesticide product, wash hands thoroughly immediately after handling and before eating, smoking or using the toilet.

Do not allow children or pets to contact treated area until dust has settled.

**IMPORTANT:** The directions on this label are based on tests and field experience relating to (A) effectiveness, (B) possible injury to plants and animals, and (C) residues in food, feed, meat and milk. Follow directions for most effective and safest use.

**VEGETABLE INSECT CONTROL**

**Directions for Home Garden Use:** Wearing household latex or rubber gloves, use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster as available. Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust. Apply when air is calm to avoid drift and contact with eyes and skin. Start applying at the farthest corner of the treatment area and work backward to avoid contact with dusted surfaces. Allow dust to settle in treated areas before reentering. For plants above chest height, consider using a liquid carbaryl product. Do not repeat application more than once a week.

Where a dosage range is indicated, use lower rate on young plants, higher rate on mature plants. Use sufficient dust to obtain full coverage. Apply when insects or their damage appear. Repeat at 7 to 10 day intervals or as necessary, unless shorter interval is specified below.

**BEANS:** Green Beans, Lima Beans, Snap Beans, Cowpeas & Blackeyed Peas: Use 5 lbs. per acre (2 ozs. per 1,000 sq. ft. for Mexican Bean Beetles: 10 lbs. per acre (3½ ozs. per 1,000 sq. ft.) for Bean Leaf Beetles, Leafhoppers, Velvet-Bean Caterpillars and Western Bean Cutworms.

Use 10 to 15 lbs. per acre (3½ to 5½ ozs. per 1,000 sq. ft.) for Armyworms, Corn Earworms, Stinkbugs, and Tarnished Plant Bugs.

**IN CALIFORNIA:** Use 20 lbs. per acre (7 ozs. per 1,000 sq. ft.) for Corn Earworms, Lima Beans, Pod Borers, Lygus and Stinkbugs.

**CORN:** Use 10 to 20 lbs. per acre (3½ to 7 ozs. per 1,000 sq. ft.) for Corn Earworms, Corn Rootworm Adults, European Corn Borers, Fall Armyworms, Flea Beetles, Japanese Beetles, Sap Beetles and Leafhoppers. For larvae in whorl (Budworm damage) and foliage feeders apply to entire plant. Repeat as necessary. For insects attacking silks and ears, apply at 7 day intervals starting when first silks appear and continuing until silks begin to dry. Three or more applications may be required depending on severity of infestation. Timing and good coverage are absolutely essential for effective control. Application of Carbaryl to the tassel region of corn during the pollen shed period will seriously reduce bee populations.

**CUCUMBERS, MELONS, PUMPKINS AND SQUASH:** Use 5 to 10 lbs. per acre (2 to 3½ ozs. per 1,000 sq. ft.) for Pickleworms and Melonworms: 10 lbs. per acre (3½ ozs. per 1,000 sq. ft.) for Cucumber Beetles, Flea Beetles, Leafhoppers and Squash Bugs. Avoid excessive applications. To avoid possible injury on tender foliage, do not apply when foliage is wet or when rain or excessive humidity is expected during the next 2 days. Carbaryl injures watermelons in Florida.

**GARDEN PEAS:** Use 10 lbs. per acre (3½ ozs. per 1,000 sq. ft.) for Leafhoppers, and Colorado Potato Beetles. For Colorado Potato Beetle control, direct application to weeds in fields or garden peas. This application is intended to help prevent insect contamination in processed peas. Use 10 to 15 lbs. per acre (3½ to 5½ ozs. per 1,000 sq. ft.) for Armyworms and Grasshoppers. Do not apply within 3 days of harvest.

**POTATOES, TOMATOES, EGGPLANTS AND PEPPERS:** Use 5 to 10 lbs. per acre (2 to 3½ ozs. per 1,000 sq. ft.) for Colorado Potato Beetles, Flea Beetles and Leafhoppers. Use 10 to 20 lbs. per acre (3½ to 7 ozs. per 1,000 sq. ft.) for European Corn Borers, Fall Armyworms, Lacebugs, Tomato Fruitworms, Tomato Hornworms, Tarnished Plant Bugs, and Stinkbugs.

**OKRA:** Use 10 to 20 lbs. per acre (3½ to 7 ozs. per 1,000 sq. ft.) for Corn Earworms and Stinkbugs. Repeat at 7 day intervals, or as necessary.

**SUBSEQUENT PLANTING OF FOOD AND FEED CROPS IN TREATED SOILS MUST BE MADE WITH CROPS ON THIS OR OTHER CARBARYL LABEL(S).**

**ORNAMENTAL INSECT CONTROL**

Sufficient dust should be used on each plant so that the upper and lower leaf surfaces are thoroughly covered. Carbaryl 5D can be used to control insects on ornamental plants. Specific plants and insects are listed below. For plants above chest height, consider using a liquid carbaryl product. For trees taller than 10 feet, consider hiring a licensed professional. Repeat at 7 to 10 day intervals or as necessary unless shorter intervals are specified below. Recommendations below are for treatment of individual plants.

**ROSES:** Apply dust to upper and lower leaf surface for control of Rose Aphids, Rose Slugs, Thrips and Sawflies.

**ARBOR VITAE:** Apply dust to upper and lower leaf surface for control of Bagworms and Sawflies.

**PYRACANTHA:** Apply dust to upper and lower leaf surface for control of Lacebugs.

**NOTE:** Carbaryl does not control spider mites. Where infestations are encountered, use a recommended miticide.

Carbaryl injures Boston Ivy.

**HOUSEHOLD INSECT CONTROL**

**GENERAL DIRECTIONS FOR USE:** Do not apply where children are likely to come in frequent contact with treated surfaces. Do not contaminate food, food containers or cooking utensils.

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

Apply dust only in a sufficient quantity to produce a fine light coating. If applied too heavily, excess dust will tend to repel insect pests.

**FOR CONTROL OF ANTS:** Apply Prentox Carbaryl 5D to ant entrance locations such as door sills, around window frames and seal pipe into structure entrances, etc. Dust ant trails and hills. Repeat as necessary.

**FOR CONTROL OF FLEAS AND BROWN DOG TICKS ON PREMISES:** Thoroughly dust all infested areas with Prentox Carbaryl 5D including cracks and crevices in woodwork, floors and floor coverings. Do not make more than one application.

**PET INSECT CONTROL**

**USER SAFETY REQUIREMENTS FOR ANIMAL QUARTERS USE**

- Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when applying this product.
- Change clothing as soon as possible after use.
- Wash the outside of gloves before removing. As with any pesticide product, wash hands thoroughly immediately after handling and before eating, smoking or using the toilet.

**Directions for Use**

**PET BEDDING AND ANIMAL QUARTERS:** For Ticks and Fleas, wearing household latex or rubber gloves, dust bedding, sleeping quarters and doghouses using a shaker can or other dust applicator. Do not repeat application more than once a week.

**STORAGE AND DISPOSAL**

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.  
**Container Disposal:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and wildlife. For terrestrial uses, do not apply directly to water, or 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 weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

This product is extremely toxic to aquatic invertebrates. 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 contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

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