

2935-366

9-12-2003

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

SEP 12 2003

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Linda Pearce  
Registration Specialist  
Product Regulatory Department.  
Wilbur-Ellis Company  
P.O. Box 1286  
Fresno, CA 93715

Subject: Label Amendment: 2001-1 First Aid and Storage and Disposal  
Sevin 5 Bait (Carbaryl)  
EPA Reg. No. 2935-366  
Submission dated May 22, 2003, **accepted with comments**

Dear Ms. Pearce:

The revised labeling referenced to above, submitted in connection with the registration under the Federal Insecticide, fungicide, and Rodenticide Act (FIFRA) as amended, is accepted with the following comments:

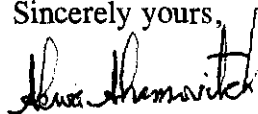
- 1) Revise the Precautionary Statements to read "Harmful if swallowed, inhaled or absorbed through the skin". Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash thoroughly before reuse".
- 2) The Note to Physician should be updated to read "Carbaryl is an N-methyl carbamate insecticide which is a cholinesterase inhibitor. Specific antidote consists of atropine. Narcotics and other sedatives should not be used. Drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended.
- 3) Delete "for terrestrial uses" from the Environmental Hazard-only terrestrial uses on the label.
- 4) Active ingredient: singular and same print type as "other ingredients".

A stamped copy "accepted with comments" of the label is enclosed for your records.

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Please submit two (2) copies of the final printed before shipment. If you have any questions please call me at (703) 308-8328.

Sincerely yours,



Akiva Abramovitch, Ph.D.

Chemist

Insecticide-Rodenticide Branch  
Registration Division (7505C)

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# SEVIN® 5 BAIT

N-METHYL CARBAMATE

ACCEPTED  
with COMMENTS  
EPA Letter Dated:  
SEP 12 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2935-366 5% 95%  
TOTAL 100%

ACTIVE INGREDIENTS:  
Carbaryl (1-naphthyl N-methylcarbamate) ..... 5%  
INERT INGREDIENTS ..... 95%  
TOTAL ..... 100%

EPA Reg. No. 2935-366

EPA Est. No. 2935-CA-1

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**FIRST AID**  
Have product container or label with you when calling a poison control center or doctor, or going for treatment.

**If swallowed:** -Call a poison control center or doctor immediately for treatment advice.  
-Have person sip a glass of water if able to swallow.  
-Do not induce vomiting unless told to do so by a poison control center or doctor.  
-Do not give anything by mouth to an unconscious person.

**If in eyes:** -Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.  
-Call a poison control center or doctor for treatment advice.

**If on skin or clothing:** -Take off contaminated clothing.  
-Rinse skin immediately with plenty of water for 15-20 minutes  
-Call a poison control center or doctor for treatment advice.

**Note To Physician:** Carbaryl is a moderate, reversible, cholinesterase inhibitor. Atropine is antitotal.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear: A) Long-sleeved shirt; B) Long pants; C) Water-proof gloves; D) 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.

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to aquatic and estuarine invertebrates. 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. Discharge from rice fields may kill aquatic and estuarine invertebrates. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply where runoff is likely to occur.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

**USER SAFETY RECOMMENDATIONS**

Users should: A) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. B) Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. C) 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.

**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 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), notification to workers 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: A) Coveralls; B) Waterproof gloves; C) Shoes plus socks.

**NET CONTENTS:**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS**

**Caution:** May be harmful if swallowed. Avoid breathing dust. Do not take internally. Avoid contact with eyes, skin and clothing.

**IMPORTANT PRE-HARVEST AND GRAZING USE INFORMATION**  
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.

If Carbaryl insecticide is used in accordance with label directions, these crops including bean vines, carrot tops, pea vines, sugar beet tops and corn forage, may be grazed or harvested for use as feed for dairy and meat animals without resulting in illegal residues in milk or meat.

**DIRECTIONS FOR USE**

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

**RECOMMENDATIONS FOR USE**

Broadcast applications may be made with either ground equipment or aircraft, under conventional, minimal and no-till practices.  
Treatments may be repeated as necessary. Where a range of rates is provided, use lower rates for light infestation, early instars or when foliage is not too dense; use higher rates for moderate to heavy infestation, advanced instars or when foliage is thick. For best results on lawn and turf, cut lawn, remove clippings and water thoroughly. Dosages from 20-48 pounds of bait per acre will control cutworms, armyworms, field crickets, house crickets, mole crickets, darkling beetles, grasshoppers, sowbugs and ants.  
Subsequent planting of food and feed crops in treated soil must be made with crops on this or other carbaryl labels.  
NOTE: Do not make more than two applications after grain heads of wheat, alfalfa and clover emerge from boot.

Commodity	Use Rate
Asparagus	<b>Application to Spears:</b> Maximum single application rate of 40 lbs. per acre per application with a maximum seasonal application rate of 120 lbs per acre per crop. <b>Applications to Ferns (after harvest of spears):</b> Maximum single application rate of 40 lbs per acre per application with a maximum seasonal application rate of 80 lbs per acre per crop. Retreatment interval = 7 days when applied to ferns after harvest. Retreatment interval = 3 days when applications are to spears. Do not apply within 1 day of harvest. Total maximum seasonal application rate for spears and ferns is 200 lbs per acre per crop. The total number of applications is 3 prior to harvest with 2 additional applications to ferns only.
Beans, fresh & dried (snap, navy & kidney); Pea, fresh & dried; Cowpea, Lentil	Maximum single application rate of 30 lbs per acre per application with a maximum seasonal application of 120 lbs per acre per crop. Retreatment interval = 7 days. Do not apply within 3 days of harvest (succulents) Do not apply within 21 days of harvest (dried) Do not apply within 14 days of harvest (forage) Do not apply within 21 days of harvest (hay)

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Commodity	Use Rate
Garden Beets (roots), Carrots, Horseradish, Radish, Parsnip, Rutabaga, Salsify, Turnips (roots)	Maximum single application rate of 40 lbs. per acre per application with a maximum seasonal application rate of 120 lbs per acre per crop. Retreatment interval = 7 days. Do not apply within 7 days of harvest. Total number of applications per crop can be 6 (some of which must be at lower than maximum single application rate).
Sugar Beets	Maximum single application rate of 30 lbs per acre per application with a maximum seasonal application rate of 60 lbs per acre per crop. Retreatment interval = 14 days. Do not apply within 28 days of harvest (roots, forage).
Mustard Greens	Maximum single application rate of 40 lbs per acre per application with a maximum seasonal application rate of 120 lbs per acre per crop. Retreatment interval = 7 days. Do not apply within 13 to 14 days of harvest. Total number of applications per crop can be 4 (some of which must be at lower than maximum single application rate).
Brussels Sprouts, Broccoli, Cabbage, Cauliflower, Chinese Cabbage, Collards, Kale, Kohlrabi	Maximum single application rate of 40 lbs per acre per application with a maximum seasonal application rate of 120 lbs per acre per crop. Retreatment interval = 7 days. Do not apply within 3 days of harvest (Brussels sprouts, broccoli, cabbage, kohlrabi, cauliflower). Do not apply within 14 days of harvest (Chinese cabbage, kale, collards). Total number of applications per crop can be 4 (some of which must be at lower than maximum single application rate).
Corn (field & pop)	Maximum single application rate of 40 lbs per acre per application with a maximum seasonal application rate of 160 lbs per acre per crop. Retreatment interval = 14 days. Do not apply within 14 days of harvest (forage, silage). Do not apply within 48 days of harvest (grain, fodder).
Corn (sweet)	Maximum single application rate of 40 lbs per acre per application with a maximum seasonal application rate of 320 lbs per acre per crop. Retreatment = 3 days. Do not apply within 2 days of harvest (ears). Do not apply within 14 days of harvest (forage). Do not apply within 48 days of harvest (fodder).
Cucumber, Melon, Squash	Maximum single application rate of 20 lbs. per acre per application with a maximum seasonal application rate of 120 lbs per acre per crop. Retreatment interval = 7 days. Do not apply within 3 days of harvest.
Lettuce, head & leaf; Endive, *Celery, Dandelion, Parsley, Spinach, Swiss Chard, Hanover Salad, Rhubarb, Garden Beets (tops), Turnips (tops)	Maximum single application rate of 40 lbs per acre per application with a maximum seasonal application rate of 120 lbs per acre per crop. Retreatment interval = 7 days. Do not apply within 14 to 15 days of harvest. Total number of applications per crop can be 5 (some of which must be at lower than maximum single application rate). <b>*Celery not for use in California</b>
Potato	Maximum single application rate of 40 lbs per acre per application with a maximum seasonal application rate of 120 lbs per acre per crop. Retreatment interval = 7 days. Do not apply within 7 days of harvest. Total number of applications per crop can be 6 (some of which must be at lower than maximum single application rate).
Grain Sorghum (not sweet)	Maximum single application rate of 40 lbs per acre per application with a maximum seasonal application rate of 120 lbs per acre per crop. Retreatment interval = 7 days. Do not apply within 14 days of harvest (grazing, forage) Do not apply within 21 days of harvest (grain, fodder) Total number of applications per crop can be 4 (some of which must be at lower than maximum single application rate).

Commodity	Use Rate
Strawberry	Maximum single application rate of 40 lbs. per acre per application with a maximum seasonal application rate of 200 lbs per acre per crop. Retreatment interval = 7 days. Do not apply within 7 days of harvest.
Tomato, Pepper, Eggplant	Maximum single application rate of 40 lbs per acre per application with a maximum seasonal application rate of 160 lbs per acre per crop. Retreatment interval = 7 days. Do not apply within 3 days of harvest. Total number of applications per crop can be 7 (some of which must be at lower than maximum single application rate).
Wheat	Maximum single application rate of 30 lbs per acre per application with a maximum seasonal application rate of 60 lbs per acre per crop. Retreatment interval = 14 days. Do not apply within 21 days of harvest (grain or straw). Do not apply within 7 days of harvest (forage).
Lawn & Turf	30 lbs. per acre (11 ozs. per 1000 sq. ft.) GROUND APPLICATION ONLY
Pasture (rangeland & wasteland), Forage grasses, Fence row & non-crop areas	20-40 lbs. per acre (7-1/2 to 14-2/3 ozs. per 1000 sq. ft.)
<b>(NOT FOR USE IN CALIFORNIA)</b>	
Annual plants, Herbaceous plants & Shrubs, Trees, Woody plants (ornamental)	40-48 lbs. per acre (14-2/3 ozs. per 1000 sq. ft.)
Commercial Fiber Crops (limited to eucalyptus and poplar plantings): Applications may be made with either ground equipment or aircraft. Treatments may be repeated as necessary to control labeled pests. Do not exceed 40 lbs. per acre per application. <b>NOTE: No food or feed use of the crop or crop residues are allowed under this use pattern.</b>	

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking and penetration of moisture.

**STORAGE:** Store in a safe manner. Store in original container only. Store in a cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength. Personnel should use clothing or equipment consistent with good pesticide handling.

**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:** 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.

**NOTICE:** The statements made on this label are believed to be true and accurate, but because of conditions of use which are beyond our control, WILBUR-ELLIS COMPANY does not make, nor does it authorize any agent or representative to make, any warranty, guaranty or representation, expressed or implied, concerning this material or the use thereof, except in conformity with the statements on the label. Neither WILBUR-ELLIS COMPANY nor the seller shall be held responsible in any manner for any personal injury or property damage or loss resulting to the buyer or to the other person from handling, storage or use of this material, not in accordance with directions. The buyer assumes all risk and liability resulting from improper handling, storage or use and accepts and uses this material on these conditions.

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WILBUR-ELLIS logo and IDEAS TO GROW WITH are registered trademarks of WILBUR-ELLIS Company.

**In Case of Emergency,  
Call CHEMTREC: (800) 424-9300**

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