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10163-32

9/17/99

Page 13 4



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

Rebecca A. Lamas  
Gowan Company  
P.O. Box 5569  
Yuma, AZ 85366-5569

SEP 17 1999

Subject: Gowan Sevin Bait  
EPA Registration No. 10163-32 .  
Carbaryl GDE dated 6 August 1999  
Amendment to delete unsupported uses dated 26 August 1999

Dear Ms. Lamas:

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. You must add the PHI for potatoes (7 days).
2. In the comments section under the crop heading for endive, head and leaf lettuce, parsley, spinach, and swiss chard, you must change the number of applications to be no more than 5 applications per crop, as per the instructions in the GDE letter.

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

Sincerely,

A handwritten signature in cursive script that reads "George Tompkins".

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



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ACCEPTED  
with COMMENTS  
In EPA Letter # 294

SEP 17 1999

# GOWAN SEVIN® BAIT

## Agricultural Poison Bait

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. % By Wt.

**ACTIVE INGREDIENTS:**

Carbaryl: (1-naphthyl N-methylcarbamate).....

**INERT INGREDIENTS:**.....

10163-32 5%  
95%  
TOTAL 100%

®Registered Trademark of Union Carbide Corp. for the active ingredient 1-naphthyl N-methylcarbamate.

### KEEP OUT OF REACH OF CHILDREN CAUTION

#### STATEMENT OF PRACTICAL TREATMENT N-Methyl Carbamate

**IF SWALLOWED:** Give victim one or two glasses of water and induce vomiting by touching back of throat with finger. Get medical attention.

**IF IN EYES:** Flush eyes thoroughly with water.

**IF ON SKIN:** Wash skin thoroughly with soap and water.

**NOTE TO PHYSICIAN:** Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal. DO NOT use 2-PAM, opiates or cholinesterase-inhibiting drugs.

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

May be harmful if swallowed. Avoid breathing dust. Do not take internally. Avoid contact with skin, eyes, or clothing. Avoid contamination of food, feed, feeding troughs and watering receptacles.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- 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.

#### ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water or wet lands. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Avoid drift to adjoining food and forage crops.

#### 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 you State or Tribe, consult the agency responsible for pesticide regulation.

#### AGRICULTURE 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 agriculture 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) 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
- Shoes plus socks

In order that pesticidal residues on food and forage crops will not exceed established tolerances use only at recommended rates and intervals, and do not apply closer to harvest than specified. Do not apply or allow to drift to areas occupied by beneficial animals or onto adjoining food, fiber or pasture crops. The grower is responsible for residues on his crops, as well as for damages caused by drift from his property to that of others.

NET WEIGHT \_\_\_ LBS.



EPA Reg. No. 10163-32  
EPA Est. No. 10163-AZ-1

Gowan Company  
P.O. Box 5569  
Yuma, AZ 85366-5569

**RECOMMENDATIONS**

GOWAN SEVIN BAIT is recommended for control of armyworms, cutworms, crickets, darkling ground beetle, grasshoppers and sowbugs on crops listed.

**MAY BE USED ONLY IN CALIFORNIA AND ARIZONA**

Recommended dosage rates refer to pounds of GOWAN SEVIN BAIT per acre unless otherwise specified. Use suitable ground or aircraft equipment which provides good distribution. Apply when pests appear in damaging numbers and repeat in accordance with comments if necessary, and observe use limitations given for specific crops. Evening applications are preferred.

**DO NOT USE WHEN BEES ARE PRESENT**

Subsequent planting of food or feed crops in treated soil must be made with crops on this or other carbaryl label(s).

**PREHARVEST INTERVAL**

The required days between the last application and harvest are given in ( ) after each crop name.

CROP	PEST	MAX RATE LBS./ACRE	COMMENTS
ASPARAGUS (1)	Cutworms, Armyworms, Sowbugs, Grasshoppers, Darkling Ground Beetles, Crickets	40	<ul style="list-style-type: none"> <li>Apply no more than 120 lbs./acre/crop/season to spears.</li> <li>Apply no more than 80 lbs./acre/crop/season for application to ferns (after harvest of spears):</li> <li>Retreatment interval = 7 days when applied to ferns after harvest.</li> <li>Retreatment interval = 3 days when applications are to spears.</li> <li>Total Maximum lbs. per acre/crop/season for spears and ferns is 200 lbs.</li> <li>Total number of applications is 3 prior to harvest with 2 additional applications to ferns only.</li> </ul>
BEANS, PEAS (See text for PHI)	Cutworms, Armyworms, Sowbugs, Grasshoppers, Darkling Ground Beetles, Crickets	30	<ul style="list-style-type: none"> <li>Allow 7 days between applications.</li> <li>Apply no more than 120 lbs. per acre/crop/season.</li> <li>Pre-harvest Interval varies as follows: Succulent (3 days), Dried (21 days) Forage (14 days), and Hay (21 days).</li> </ul>
GARDEN BEETS (ROOTS), CARROTS, HORSERADISH, PARSNIPS, RADISHES, RUTABAGAS, TURNIPS (ROOTS) (7)	Cutworms, Armyworms, Sowbugs, Grasshoppers, Darkling Ground Beetles, Crickets	40	<ul style="list-style-type: none"> <li>Allow 7 days between applications</li> <li>Apply no more than 120 lbs per acre/crop/season.</li> <li>Total number of applications/ crop can be 6 (some of which must be at lower than the maximum single application rate).</li> </ul>
SUGAR BEETS (28)	Cutworms, Armyworms, Sowbugs, Grasshoppers, Darkling Ground Beetles, Crickets	30	<ul style="list-style-type: none"> <li>Allow 14 days between applications.</li> <li>Apply no more than a 60 lbs./acre/crop/season.</li> </ul>
BRUSSELS SPROUTS, BROCCOLI, CABBAGE, CAULIFLOWER (3)	Cutworms, Armyworms, Sowbugs, Darkling Ground Beetles, Crickets	40	<ul style="list-style-type: none"> <li>Allow 7 days between applications.</li> <li>Apply no more than 120 lbs./acre/crop/season.</li> </ul>
COLLARDS, KALE, CHINESE CABBAGE (14)	Cutworms, Armyworms, Sowbugs, Grasshoppers, Darkling Ground Beetles, Crickets	40	<ul style="list-style-type: none"> <li>Allow 7 days between applications.</li> <li>Apply no more than 120 lbs./acre/crop/season</li> </ul>
SWEET CORN (See text for PHI)	Cutworms, Armyworms, Sowbugs, Grasshoppers, Darkling Ground Beetles, Crickets	40	<ul style="list-style-type: none"> <li>Allow 3 days between applications.</li> <li>Apply no more than 320 lbs./acre/crop/season.</li> <li>Pre-harvest interval varies as follows: Ears (2 days), Forage (14 days), and Fodder (48 days).</li> </ul>
CUCUMBERS, SQUASH, MELONS (3)	Cutworms, Armyworms, Sowbugs, Grasshoppers, Darkling Ground Beetles, Crickets	20	<ul style="list-style-type: none"> <li>Allow 7 days between applications.</li> <li>Apply no more than 120 lbs./acre/crop/season.</li> </ul>
POTATOES	Cutworms, Armyworms, Sowbugs, Grasshoppers, Darkling Ground Beetles, Crickets	40	<ul style="list-style-type: none"> <li>Allow 7 days between applications.</li> <li>Apply no more than 120 lbs./acre/crop/season.</li> <li>Total number of applications/crop can be 6 (some of which must be lower than the single application rate).</li> </ul>
ENDIVE, HEAD AND LEAF LETTUCE, PARSLEY, SPINACH, SWISS CHARD (14 to 15 days)	Cutworms, Armyworms, Sowbugs, Grasshoppers, Darkling Ground Beetles, Crickets	40	<ul style="list-style-type: none"> <li>Allow 7 days between applications.</li> <li>When rate used is less than 40 lbs./acre/crop, then make no more than 6 applications per crop.</li> <li>Apply no more than 120 lbs./acre/crop/season.</li> </ul>
EGGPLANT, PEPPERS, TOMATOES (3)	Cutworms, Armyworms, Sowbugs, Grasshoppers, Darkling Ground Beetles, Crickets	40	<ul style="list-style-type: none"> <li>Allow 7 days between applications</li> <li>When rate used is less than 40lbs./acre, make no more than 7 applications/crop.</li> <li>Apply no more than 160 lbs./acre/crop/season</li> </ul>
STRAWBERRIES (7)	Cutworms, Armyworms, Sowbugs, Grasshoppers, Darkling Ground Beetles, Crickets	40	<ul style="list-style-type: none"> <li>Allow 7 days between applications.</li> <li>Apply no more than 200 lbs./acre/crop/season.</li> </ul>

**STORAGE AND DISPOSAL**

**DO NOT** contaminate water, food or feed by storage or disposal.

**PESTICIDE DISPOSAL:** Wastes resulting from 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.

**FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK, OR FIRE), CALL CHEMTREC® (800) 424-9300.**

**For other product information, contact Gowan Company or see Material Safety Data Sheet.**

**NOTICE ON CONDITIONS OF SALE**

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

EPA Text Pending: Sevin Bait (to EPA 8-26-99 GDE Revoke)

