



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 7, 2017

Mr. Solito Sumulong  
Manager of Registrations  
Loveland Products Inc.  
P.O. Box 1286  
Greeley, CO 80632

Subject: Label Amendment – Edit first aid, PPE, and add pistachio, pasture and grass, and rangeland uses  
Product Name: Carbaryl Cutworm Bait  
EPA Registration Number: 34704-1021  
Application Date: March 2, 2017  
Decision Number: 527161

Dear Mr. Sumulong:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Eric Bohnenblust by phone at (703) 347-0426, or via email at [Bohnenblust.eric@epa.gov](mailto:Bohnenblust.eric@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Gebken', written in a cursive style.

Richard Gebken  
Product Manager 10  
Invertebrate & Vertebrate Branch 2  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure



# CARBARYL CUTWORM BAIT

For the control of cutworms, armyworms, and crickets.

This product is intended for commercial use.

**READ ENTIRE CONTAINER LABEL BEFORE USING THIS PRODUCT**

**ACTIVE INGREDIENT:**

Carbaryl (1-naphthyl N-methylcarbamate) .....	5.0%
OTHER INGREDIENTS: .....	95.0%
<b>TOTAL</b>	<b>100.0%</b>

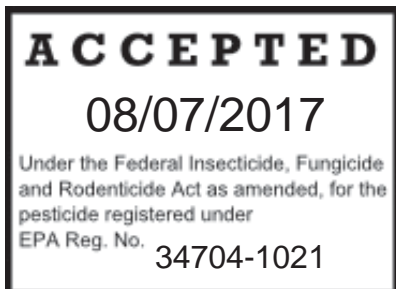
**KEEP OUT OF THE REACH OF CHILDREN AND DOMESTIC ANIMALS  
CAUTION**

FIRST AID N-methyl carbamate	
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>•Take off contaminated clothing.</li> <li>•Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>•Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>•Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>•Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>•Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>•Call poison control center or doctor immediately for treatment advice.</li> <li>•Have person sip a glass of water if able to swallow.</li> <li>•Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>•Do not give anything to an unconscious person.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>•Move person to fresh air.</li> <li>•If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>•Call a poison control center or doctor for further treatment advice.</li> </ul>

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.**

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

**NOTE TO PHYSICIAN:** Carbaryl contains a N-methyl carbamate that inhibits cholinesterase. Atropine is antidotal. Do not use 2-PAM, opiates, or cholinesterase-inhibiting drugs.



EPA REG. NO. 34704-1021

EPA EST. NO. 51896-CA-050

NET WEIGHT 50.0 LB (22.68 KG)

EXP 0217

**CARBARYL CUTWORM BAIT  
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**PRECAUTIONARY STATEMENTS**

**CAUTION**

Harmful if swallowed. Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear long-sleeved shirt, long pants, shoes, socks, and chemical resistant gloves when applying this product.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinyl chloride, and viton.

**Loaders, applicators and other handlers must wear:**

- Long-sleeved shirt and long pants,
- Chemical-resistant gloves of  $\geq 14$  mils thickness, and
- Shoes plus socks.

In addition, handlers loading bait formulations into airplanes under the auspices of the Animal and Plant Health Inspection Service (APHIS) Rangeland Grasshopper and Mormon Cricket Suppression Program, and allied state programs must wear a NIOSH approved particulate respirator with any N, R, or P filter, NIOSH approval number prefix TC-84A; or a NIOSH-approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C.

**Aerial application is prohibited**, *except* for aerial applications under the auspices of the Animal and Plant Health Inspection Service (APHIS) Rangeland Grasshopper and Mormon Cricket Suppression Program, and allied state programs.

**See engineering controls for additional requirements and exceptions.**

**User Safety Requirements:**

Follow manufacturer's instructions of cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Engineering Controls:**

Pilots applying applications under the auspices of the Animal and Plant Health Inspection Service (APHIS) Rangeland Grasshopper and Mormon Cricket Suppression Program or related state programs must use an enclosed cockpit in a manner that is consistent with the WPS for Agricultural Pesticides [40 CFR 170.240(d)(6)]. In addition, the cockpit air intake must be located above the bait release point and the bait bin must be completely separate from the cockpit.

Flaggers supporting aerial applications permitted above must use an enclosed cab that meets the definition in the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(5)] for dermal protection. In addition, flaggers must:

- wear long-sleeve shirt, long pants, shoes and socks,
- *either* wear A NIOSH approved particulate respirator with any N, R, or P filter, NIOSH approval number prefix TC-84A; or a NIOSH-approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. OR use an enclosed cab that is declared in writing by the manufacturer or by a government agency to provide at least as much respiratory protection as this type of respirator,
- be provided and have immediately available for use in an emergency when they must exit the cab in the treated area: chemical-resistant gloves and chemical-resistant headgear and, if using an enclosed cab that provides respiratory protection, a respirator of the type specified above,
- take off any PPE that was worn in the treated area before reentering the cab, and
- store all such PPE in a chemical-resistant container, such as a plastic bag, to prevent contamination of the inside of the cab.

When applicators use enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for Agricultural pesticides (40 CFR 170.240(d)(5)), the handler PPE requirements may be reduced or modified as specified in the WPS.

**USER SAFETY RECOMMENDATIONS**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/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 product is extremely toxic to aquatic 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. Do not apply when weather conditions favor drift from area treated. Drift and run-off may kill aquatic invertebrates in water adjacent to treated areas. Do not contaminate water by cleaning equipment or disposal of wastes. Do not contaminate water when disposing of equipment washwaters.

**CARBARYL CUTWORM BAIT  
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**INFORMATION**

Carbaryl Cutworm Bait is a special pelletized formulation for the control of Armyworms, Crickets, Cutworms, Darkling ground beetles, Grasshoppers, Mole crickets and Sowbugs. Apply when air is calm.

**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. The area being treated must be vacated by unprotected persons. 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 regulations.

**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 (unless otherwise specified in the directions for use associated with each crop).**

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 over short-sleeve shirt and short-pants,
- Chemical-resistant footwear plus socks,
- Chemical-resistant gloves made of any waterproof material, and
- Chemical-resistant headgear if overhead exposure.

When the Restricted-Entry Interval for a crop is 7 days or longer, you must notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when the product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

**Do not enter or allow others to enter the treated area until dusts have settled. In addition, if directions for use require watering-in, do not enter or allow others to enter the treated area (except those involved in watering-in) until the watering-in is completed and the area is dried.**

**The following application methods are prohibited:** Hand, spoon, shaker can, backpack spreaders (front and back mounted), power backpack sprayers, tree injection, and ALL handheld foggers.

**FIELD AND VEGETABLE CROPS**

<b>Single App Rate/A Lb Product (Lb AI/A)</b>	<b>Minimum Retreatment Interval (Days)</b>	<b>Max # of Applications / Year</b>	<b>Maximum Annual App Rate/A Lb Product (Lb AI/A)</b>	<b>Pre-Harvest or Pre-Grazing Interval (Days)</b>	<b>Use Directions &amp; Restrictions</b>
<b>ASPARAGUS</b>					
20.0 / (1.0) Pre-harvest	3	3 Pre-harvest	60.0 / (3.0)	1	No more than a total of 5 applications (both pre- and post-harvest) may be made/yr for a total annual maximum application rate of 5.0 lb AI/A.
40.0 / (2.0) Post-harvest	3	5 Pre- & Post-Harvest combined	100.0 / (5.0)	N/A	
<b>CORN, FIELD AND POP</b>					
40.0 / (2.0)	14	4	160.0 / (8.0)	14 (forage and silage) 48 (grain and fodder)	Hand harvesting prohibited. REI is 24 hr. EXCEPTION: REI is 21 days for workers detasselling corn. Use prohibited in CA.

**CARBARYL CUTWORM BAIT  
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Single App Rate/A Lb Product (Lb AI/A)	Minimum Retreatment Interval (Days)	Max # of Applications / Year	Maximum Annual App Rate/A Lb Product (Lb AI/A)	Pre-Harvest or Pre-Grazing Interval (Days)	Use Directions & Restrictions
<b>CORN, SWEET</b>					
40.0 / (2.0)	3	3	160.0 / (8.0)	2 (ears) 14 (forage) 48 (fodder)	Hand harvesting prohibited. REI is 24 hr. EXCEPTION: REI is 21 days for workers detasselling corn. Use prohibited in CA.
<b>ALL MEMBERS OF CUCURBIT VEGETABLE GROUP 9, including:</b> Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber; gherkin; gourd, edible (includes hyotan, cucuzza, hechima, Chinese okra); <i>Momordica</i> spp (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); muskmelon (includes cantaloupe); pumpkin; squash, summer; squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelon.					
20.0 / (1.0)	7	6	120.0 / (6.0)	3	
<b>ALL MEMBERS OF FRUITING VEGETABLE GROUP (except cucurbits), Crop Group 8, including:</b> Eggplant; groundcherry ( <i>Physalis</i> spp); pepino; pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper); tomatillo; tomato.					
40.0 / (2.0)	7	4	160.0 / (8.0)	3	
<b>ALL MEMBERS OF HEAD AND STEM BRASSICA (Cole) VEGETABLE GROUP, Crop Sub-Group 5 A, including:</b> Broccoli; broccoli, Chinese; Brussels sprouts; cabbage; cabbage, Chinese (napa); cabbage, Chinese mustard; cauliflower; cavalo broccolo; kohlrabi.					
40.0 / (2.0)	7	3	120.0 / (6.0)	3	Use restricted to application only within 30 days of crop emergence or transplanting.
<b>ALL MEMBERS OF LEAFY BRASSICA GREENS GROUP, Crop Sub-Group 5 B, including:</b> Broccoli raab; cabbage, Chinese (bok choy); collards; kale; mizuna; mustard greens; mustard spinach; rape greens.					
40.0 / (2.0)	7	3	120.0 / (6.0)	14	Use restricted to application only within 30 days of crop emergence or transplanting.
<b>ORNAMENTAL FLOWERS AND SHRUBS - For use in and around ornamental flower and shrub beds around the outside perimeters of buildings</b>					
2.0 lb product/ 1000 ft <sup>2</sup> (0.1 lb AI/1000 ft <sup>2</sup> )	7	4	—	N/A	Irrigate after application. Do not use on plants taller than 4 ft (chest-height).
<b>PASTURE AND GRASSES GROWN FOR HAY OR SEED</b>					
30.0 / (1.5)	14	2	60.0 / (3.0)	7	
<b>PISTACHIOS</b>					
40.0 / (2.0)	7	5	200.0 / (10.0)	N/A	If weeds or cover crop blooms are present, mow orchard or between rows prior to applying this product. Use only on trees that will not bear fruit for 1 year from date of application.
<b>EUROPEAN EARWIGS ON PRICKLY PEAR CACTUS (FOR USE IN CALIFORNIA ONLY)</b>					
40.0 / (2.0)	7	3	120.0 / (6.0)	3	Apply 30.0 to 40.0 lb product/A. Apply by ground equipment only as a broadcast or band treatment. Do not apply directly to edible portions of the plant.
<b>RANGELAND (ground application only)</b>					
20.0 / (1.0)	N/A	1	20.0 / (1.0)	N/A	

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Single App Rate/A Lb Product (Lb AI/A)	Minimum Retreatment Interval (Days)	Max # of Applications / Year	Maximum Annual App Rate/A Lb Product (Lb AI/A)	Pre-Harvest or Pre-Grazing Interval (Days)	Use Directions & Restrictions
<b>RANGELAND (USDA APHIS Program for Mormon Cricket and Grasshopper Suppression)</b>					
4.0 / (0.2)	14	2	8.0 / (0.4)	N/A	Use of a flaky cereal grain bait is prohibited. Aerial application is allowed only through USDA APHIS and affiliated state grasshopper and Mormon Cricket suppression programs.
<b>ALL MEMBERS OF ROOT AND TUBER VEGETABLE GROUP, Crop Group 1, (except sugar beets and sweet potatoes) including:</b> Arracacha; arrowroot; artichoke, Chinese; artichoke, Jerusalem; beet, garden; burdock, edible; canna, edible; carrot; cassava, bitter and sweet; celeriac; chayote (root); chervil, turnip-rooted; chicory; chufa; dasheen (taro); ginger; ginseng; horseradish; leren; parsley, turnip-rooted; parsnip; potato; radish; radish, oriental; rutabaga; salsify; salsify, black; salsify, Spanish; skirret; tanier; turmeric; turnip; yam bean; yam, true.					
40.0 / (2.0)	7	3	120.0 / (6.0)	7	
<b>LEAVES OF ROOT AND TUBER VEGETABLES, specifically:</b> Beet, garden (tops); turnip (tops).					
40.0 / (2.0)	7	3	120.0 / (6.0)	14	
<b>SUGAR BEETS</b>					
40.0 / (2.0)	14	3	60.0 / (3.0)	7	

**STORAGE AND DISPOSAL**

Do not contaminate, water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep in original container. Store in cool, dry place. Protect from excessive heat.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.

**CONTAINER HANDLING**

**Nonrefillable container.** Do not reuse or refill this container. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration. Do not burn unless allowed by State and local ordinances.

**For help with any spill, leak, fire or exposure involving this material, call CHEMTREC day or night - 1- 800-424-9300.**

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS" AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND, WRITTEN NOTICE OF SUCH CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY, CO 80632-1286.

**CARBARYL CUTWORM BAIT  
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TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

**FORMULATED FOR  
LOVELAND PRODUCTS, INC.®  
P.O. BOX 1286, GREELEY, COLORADO 80632-1286**