

Code 2834

RESTRICTED USE PESTICIDE

Due To Avian Toxicity

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification

Net Weight

Furadan 10 G

Insecticide—Nematicide

For Agricultural or Commercial Use Only

EPA REG. NO. 279-2712 AA

EPA Est. 279-

Active Ingredient	By Wt.
*Carbofuran	10.0%
Inert Ingredients:	90.0%
	100.0%

*2,3-Dihydro-2,2-dimethyl-7-benzofuranyl methylcarbamate
U.S. Patent No. 3,474,171

ACCEPTED

APR - 4 1991

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 279-2712

KEEP OUT OF REACH OF CHILDREN WARNING

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

If in eyes: Flush with plenty of water for at least 15 minutes. Get medical attention.

If on skin: Wash immediately with soap and water. Remove contaminated clothing and wash before reuse.

Antidote

Note to Physician: Carbofuran is a reversible cholinesterase inhibitor. Do not use oximes such as 2-PAM. Start by giving 2 mg atropine intramuscularly. According to clinical response, continue until signs of atropinization occur (dry mouth or dilated pupils). If in eye, instill one drop of homatropine.

For Emergency Assistance Call (800) 331-3148.

See other panels for additional precautionary information.

PRECAUTIONARY STATEMENTS Hazards to Humans (and Domestic Animals)

Warning
Poisonous if swallowed. May be fatal or harmful as a result of skin or eye contact or by breathing dust. Causes cholinesterase inhibition. Warning symptoms of poisoning include weakness, headache, sweating, nausea, vomiting, diarrhea, tightness in chest, blurred vision, pinpoint eye pupils, abnormal flow of saliva, abdominal cramps, and unconsciousness. Atropine sulfate is an antidote.

Wear long-sleeved clothing and protective gloves when handling. Wash hands and face before eating or smoking. Bathe at the end of the work day. Change clothing daily and wash before reuse.

Environmental Hazards

This pesticide is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Birds killed by carbofuran pose a hazard to hawks and other birds-of-prey. Bury or otherwise dispose of dead birds to prevent poisoning of other wildlife. Cover or incorporate granules in spill areas. Runoff from treated areas may be hazardous to fish in neighboring areas. Do not apply directly to water. Do not contaminate wells, wetlands or any body of water by cleaning of equipment or disposal of waste.

Notice: It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species.

The use of Furadan 10 G may pose a hazard to the following Federally designated endangered/threatened species known to be found in certain areas within the named locations:

Attwater's Greater Prairie Chicken—Texas counties including Aransas, Austin, Brazoria, Colorado, Galveston, Goliad, Harris, Refugio and Victoria.

Aleutian Canada Goose—California counties including Colusa, Merced, Stanislaus and Sutter.

Kern Primrose Sphinx Moth—Walker Basin of Kern County, California.

This product may not be used in areas where adverse impact on the Federally designated endangered/threatened species noted above, is likely. Prior to making applications, the user of this product must determine that no such species are located in or immediately adjacent to the area to be treated. If the user is in doubt whether or not the above named endangered species may be affected, he should contact either the regional U.S. Fish and Wildlife Service office (Endangered Species Specialist) or personnel of the State Fish and Game office.

Carbofuran is a chemical which can travel (seep or leach) through soil and can contaminate groundwater, which may be used as drinking water. Carbofuran has been found in groundwater as a result of agricultural use. Users are advised not to apply carbofuran where the water table (groundwater) is close to the surface and where the soils are very permeable, i.e., well-drained soils such as loamy sands. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

DIRECTIONS FOR USE

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

Do not use this product on Long Island, N.Y.

FMC

FMC Corporation
Agricultural Chemical Group
Philadelphia PA 19103

1190

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STORAGE AND DISPOSAL

Pesticide Storage

Do not store in or around the home

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC (800) 331-3148.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal

Pesticide wastes are acutely hazardous. 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.

GENERAL INSTRUCTIONS

If prolonged intimate contact with corn and/or sorghum foliage will result in do not reenter treated fields within 14 days of application without wearing proper protective clothing. For all other situations, do not reenter fields less than 24 hours following application.

Cover or incorporate granules in spill areas. Do not plant with any crop for which carbofuran treatment is not registered for at least 10 months.

Field Corn, Popcorn, Sweet Corn—Conventional, Minimum and No Tillage

Insects Controlled	Rate of Application	Method of Application
Corn Rootworms (Northern, Southern and Western)	12 ounces per 1,000 linear feet of row	Apply at planting by directing the granules to flow into the seed furrow.
Flea Beetles		OR
Wireworms		Place the delivery tube behind the opening disks and in front of the furrow closure (wheels, disks or knives) so that the granules drop into the furrow and mix with the covering soil.
White Grubs (aid in control)		OR
1st generation European Corn Borer (aid in control)		Apply in a T-band by positioning bander in front of press-wheel or furrow closing wheels such that granules are deposited in a band over the open seed furrow and then covered with soil by presswheel, closing wheels and/or other closing devices. Incorporate into the top 1 inch of soil by use of special covering devices or by dragging a short length of chain.
Armyworm*		
Cutworms (suppression)		
Lesion Nematode (Northeast and Midwest corn states including Colorado and Wyoming)		
Seed Corn Maggot		

*Control of armyworm for approximately 4 to 6 weeks after planting. This treatment will reduce the losses due to Stalk Rot by reducing the incidence of insect wounds which permit entry by the Stalk Rot fungi.

Field Corn, Popcorn—Post Plant

Insects Controlled	Rate of Application	Method of Application
Corn Rootworm (Northern and Western)	12 ounces per 1,000 linear feet of row	Apply by side dressing both sides of the row and cultivate into the soil.

Field Corn—Foliar Application

Insects Controlled	Rate of Application	Method of Application
Southwestern Corn Borers European Corn Borers	10 pounds per acre	Apply by aircraft by broadcasting over the corn plants or with ground equipment by directing the granules into the corn whorls. Apply when eggs begin to hatch.

Do not make more than two foliar applications per season.

Corn Insecticide Applicator Settings

This product is a dense, free-flowing insecticide requiring accurate equipment calibration to apply the recommended amount per acre. Always calibrate your planter at the speed which you plan to travel during the planting operation. The following are approximate settings for guidance in calibration.

Applicator Gauge Setting

Application Rate	10 pounds/acre		
Planter Speed (MPH)	4	6	8
Equipment			
Allis Chalmers Gandy	5	5	5
IHC Cyclo Planter	18	23	26
Gate	1.6	2.0	2.4
Dial	6	9	4
John Deere			
Max Emerge (even number notches—0-10-20-30-40)	11	14	17
Max Emerge (odd number notches—5-15-25-35-45)	13	19	24
John Deere			
Range	1	1	2
Notch	26	33	10
Noble			
Round Opening	8	11	13
Rectangular Opening	11	15	20

Corn Application Rates

When the granular application equipment is set to deliver Furadan 10 G at a rate of 12 ounces per 1000 linear feet, the total amount applied per acre will vary depending on row spacing. Use the table below to determine your Furadan needs for each acre.

Row Spacing (Inches)	40	38	36	30	28
Furadan 10 G (lbs per acre)	10	10.5	11	13	14

Cotton

Insects Controlled	Rate of Application	Method of Application
Thrips	12 ounces per 1,000 linear feet of row	Apply directly into the seed furrow at planting.

Do not feed cotton forage.

Cranberries—Washington Only

Insects Controlled	Rate of Application	Method of Application
Black Vine Weevil	20 pounds per acre	Spread granules uniformly over soil surface using a rotary spreader. Make one application about June 15 to 25 and repeat one month later. Incorporate granules by following each application with sprinkler irrigation.

For use only on cranberry bogs that are sprinkler irrigated and are not flooded for purposes of irrigation or harvest. Do not apply within 60 days of harvest.

Cucurbits (Cucumber, Melons, Squash, Pumpkins)—Southeastern States Only

Insects Controlled	Rate of Application	Method of Application
Nematodes (Dagger Lesion and Root-Knot)	2 1/2 pounds per 1,000 linear feet of row	Apply in a 12 to 15 inch band and incorporate into the top 3 inches of soil.

Peanuts

Insects Controlled	Rate of Application	Method of Application
Thrips Potato Leafhopper Southern Corn Rootworm (aid in control - Southeastern states only)	5.3 to 10.7 ounces per 1,000 linear feet of row	Apply directly into the seed furrow at planting

Do not feed treated peanut forage to dairy animals or animals being finished for slaughter

Sorghum

Insects Controlled	Rate of Application	Method of Application
Corn Leaf Aphid Greenbug Yellow Sugarcane Aphid	9 to 12 ozs per 1,000 feet of row	Apply at planting by directing the granules to flow into the seed furrow
Chinch Bug Flea Beetle Southern Corn Rootworm Lesion Nematode Seed Corn Maggot Wireworm White Grubs (aid in control) Cutworms (aid in control)	12 ounces per 1,000 linear feet of row	<p>OR</p> <p>Place the delivery tube behind the opening disks and in front of the furrow closure (wheels, disks or knives) so that the granules drop into the furrow and mix with the covering soil</p> <p>OR</p> <p>Apply in a T-band by positioning bander in front of press wheel or furrow closing wheels such that granules are deposited in a band over the open seed furrow and then covered with soil by the presswheel, closing wheels and/or other closing devices. Incorporate into the top 1 inch of soil by use of special covering devices or by dragging a short length of chain</p>

Use only on grain sorghum or sorghum grown for forage

Do not graze or harvest sorghum grown for forage within 75 days of application

Where a rate range is indicated, use the higher rate when heavier pest infestations are anticipated

Soybeans

Insects Controlled	Rate of Application	Method of Application
Lesion Nematode Mexican Bean Beetle (larvae)	12 ounces per 1,000 linear feet of row	<p>Apply at planting by directing the granules to flow into the seed furrow</p> <p>OR</p> <p>Place the delivery tube behind the opening disks and in front of the furrow closure (wheels, disks or knives) so that the granules drop into the furrow and mix with the covering soil</p> <p>OR</p> <p>Apply in a T-band by positioning bander in front of press wheel or furrow closing wheels such that granules are deposited in a band over the open seed furrow and then covered with soil by the presswheel, closing wheels and/or other closing devices. Incorporate into the top 1 inch of soil by use of special covering devices or by dragging a short length of chain</p>

Sugar Beet

Insects Controlled	Rate of Application	Method of Application
Sugar Beet Root Maggot	6.5 ounces per 1,000 linear feet of row	Apply granules in a "modified in-furrow" application (Drop granules from a tube in a narrow band of 1 to 2 inches in front of the planter disks and allow some granules to fall into the seed furrow with seed)

Sunflowers (Confectionary and Oil)

Insects Controlled	Rate of Application	Method of Application
Sunflower Stem Weevil Grasshoppers Sunflower Beetle	12 ounces per 1,000 linear feet of row	<p>Apply at planting by directing the granules to flow into the seed furrow</p> <p>OR</p> <p>Place the delivery tube behind the opening disks and in front of the furrow closure (wheels, disks or knives) so that the granules drop into the furrow and mix with the covering soil</p> <p>OR</p> <p>Apply in a T-band by positioning bander in front of press wheel or furrow closing wheels such that granules are deposited in a band over the open seed furrow and then covered with soil by the presswheel, closing wheels and/or other closing devices. Incorporate into the top 1 inch of soil by use of special covering devices or by dragging a short length of chain</p>

Pine Seedlings in Pine Plantations

Insects Controlled	Rate of Application	Method of Application
Pines Weevil Pitch-Eating Weevil Nantucket Pine Tip Moth Pitch Pine Tip Moth	10 grams (1 tea-spoon) per seedling	Apply at transplanting. Distribute the granules in a 6 inch radius on the soil around each seedling. Cover granules with soil

Do not use at transplanting if seedlings were treated with Furadan 4F slurry root dip

Dealers Should Sell in Original Packages Only.

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions

Warranty: FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions

Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk

Use of Product: FMC's recommendations for the 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 use or the results to be obtained if not used in accordance with directions or established safe practice

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages

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