

Code 3669

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Lbs. Net Weight

Furadan® 15 Granules

REGISTERED
FEB 12 1981
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide registered under 279-3023

Insecticide-Nematicide

For Agricultural or Commercial Use Only

EPA Reg. No. 279-3023

EPA Est., 279-

Active ingredient:	15.0%
*Carbofuran	85.0%
Inert ingredients:	100.0%

*2,3-Dihydro-2,2-dimethyl-7-benzofuranyl methylcarbamate
Furadan®—FMC Trademark U.S. Patent No. 3,474,171

DIRECTIONS FOR USE

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

Storage and Disposal

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Pesticide that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Do not reuse empty container. Dispose of container in an incinerator or landfill approved for pesticide containers, or bury in a safe place. Consult Federal, State, or local disposal authorities for approved alternative procedures such as limited open burning.

Use Caution

Do not plant crops other than alfalfa, corn, peanuts, peppers, potatoes, rice, sorghum, strawberries, sugar beets, sugarcane and tobacco within 18 months of last application. Soybeans and oats may be planted the following season. Tomatoes, cabbage, peas, succulent beans and dry beans may be planted the following season provided the prior season's application did not exceed 8.7 lb./A of Furadan 15 Granules, 13 lb./A of Furadan 10 Granules, or 2 pt. 10 fl oz./A of Furadan 4 Flowable. Any other crop may be planted if it is not harvested or grazed.

Field Corn—Conventional, Minimum and No-Tillage

Corn Rootworms (Northern, Southern, and Western) Flea Beetles, aids in the control of first generation European Corn Borer, reduce losses due to Stalk Rot by reducing the incidence of insect wounds which permit entry by the Stalk Rot Fungus; Armyworm and Fall Armyworm control for approximately 4 to 6 weeks after planting—Use 6.7 lb. of Furadan 15 Granules per 13,000 linear feet (1 acre with 40 inch row spacing). Early season suppression of Common Stalk Borer—Use 13.3–20 lb. per 13,000 linear feet (1 acre with 40 inch row spacing). Apply in a 7 inch band ahead of the planter press wheel and incorporate into the top 1 inch of soil by use of special covering devices or by dragging a short length of chain. —OR—Direct the granules into the planter shoe with the seed. —OR—Place the applicator tube directly behind the planter shoe so that the granules drop into the furrow and mix with the covering soil.

Lesion Nematodes (Northeast and Midwest Corn States including Colorado and Wyoming)—Use 6.7 to 13.3 lbs. per 13,000 linear feet (one acre with 40 inch row spacing). Apply "at planting" as above (in a covered band or in the seed furrow).

European Corn Borer (first generation), Wireworm—Use 13.3–20 lb. per 13,000 linear feet (one acre with 40 inch row spacings) and apply "at planting" as above (in a covered band or in the seed furrow).

Southwestern Corn Borer (second to third generation)—Use 10-20 lbs. per 13,000 linear feet (1 acre with 40-inch row spacing) Southern Corn Billbug (Southeastern states), and to aid in the control of Leafhoppers and thereby reduce losses due to Maize Chlorotic Dwarf Virus and Corn Stunt diseases—Use 13.3–20 lb. per 13,000 linear feet (1 acre with 40-inch row spacing). Apply into the seed furrow as noted above.

Nematodes (Sting, Stunt, Stubby Root, Root Knot, Cagger, Lesion, Lance, and Spiral)—Use 10–13.3 lb. per 13,000 linear feet (one acre with 40 inch row spacing). Apply at planting time in a 7 to 15 inch band and incorporate into the top 3 inches of soil.

Field Corn—Post Plant

Northern and Western Corn Rootworm—Use 6.7 lb. per acre by banding over the row or by side dressing both sides of the row and cultivating into the soil.

Field Corn—Foliar Application

Southwestern Corn Borers (second to third generation) and European Corn Borers—Use 6.7 lb. per acre. Apply with 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 a foliar application if Furadan 15 Granules were applied at more than 6.7 lb. per acre at planting. Do not make more than two foliar applications per season.

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 or blunt object. 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 with soap and water.

Antidote

Note to Physician: Furadan (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 716-735-3765.

See Other Panels for Additional Precautionary Information.

PRECAUTIONARY STATEMENTS

Hazards to Humans (& Domestic Animals)

Warning

May be fatal if swallowed or absorbed through eyes. Do not get in eyes or on clothing. Avoid contact with skin. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse.

Environmental Hazards

This pesticide is toxic to fish and wildlife. Use with care when applying in areas frequented by wildlife or adjacent to any body of water. Birds feeding on treated areas may be killed. Keep out of lakes, ponds or streams. Cover or incorporate granules which are spilled during loading and which are visible on soil surfaces in turn areas.

FMC

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Agricultural Chemical Group
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Peanuts

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

In-furrow at planting application method:

Thrips, Potato Leafhopper and as an aid in the control of Southern Corn Rootworm in Southeastern States—Use in-furrow at planting, 3.3 to 6.7 lbs. per acre (36 inch row spacing); 3.5 to 6.7 ounces per 1000 linear feet of row

Row banding application method:

Nematodes (Root Knot, Sting, Stunt, Lesion, Ring) in Southeastern States and in the Southwestern States of Texas and Oklahoma; and in the Southeastern States to aid in the control of Potato Leafhopper and Southern Corn Rootworm and for the control of Thrips—Apply Furadan 15 Granules in a band over the row prior to planting and incorporate 3 inches into the soil. Use the rate indicated below for various band widths. Additional control measures may be needed late in the season for Potato Leafhopper.

*6" incorporation
deleted* →

Band Width	Rate/Acre (36 inch rows)	Rate/1000 linear feet
12 inches	13.3 to 26.7 lbs.	0.9 to 1.8 lbs.
18 inches	20 to 33.3 lbs.	1.33 to 2.3 lbs.

Peppers

Green Peach Aphid—(Delmarva Peninsula and South Jersey only). European Corn Borer—Make two applications of Furadan 15 Granules by sidedressing on either one or both sides of the row. Make a first application two to four weeks after transplanting using 13.3 lb per acre (equivalent to 1/2 lb. per 500 linear feet with 36 inch rows). Make the second application four to six weeks later using 20 lb. per acre (0.7 lb per 500 linear feet) Do not make the second application within 21 days of harvest.

*Removed
Geographical
Restrictions* →

Potatoes

Colorado Potato Beetle, European Corn Borer, Potato Flea Beetle, Potato Leafhopper, Green Peach Aphid (Northeast including Delmarva Peninsula States); Potato Tuberworm (Virginia only)—Use 1 1/2 pounds of Furadan 15 Granules per 1000 linear feet of row (20 pounds per acre on 36 inch row spacing). Apply directly into the bottom of the furrow during the planting operation.

Sorghum

Chinch Bug, Greenbug—Use only on grain sorghum or sorghum grown for forage. Do not graze or harvest sorghum grown for forage within 75 days of application.

For Greenbug—Use 6-8 ounces of Furadan 15 Granules per 1000 linear feet of row (5-6.7 lbs. per acre with 40 inch row spacing) applied directly into the seed furrow.—OR—Use 8 ounces of Furadan 15 Granules per 1000 linear feet of row applied in a 7 inch band over the row and incorporate the granules into the top 1 inch of soil by use of a press wheel, dragging a short length of chain or other suitable device.

For Chinch Bug—Use 8 ounces of Furadan 15 Granules per 1000 linear feet of row. Apply at planting as noted above.

Equivalent pounds of Furadan 15 Granules per acre for various row spacings are as follows:

	Amount of Furadan 15 G per 1000 Linear Feet of Row	Pounds of Furadan 15 Granules per Acre for Various Row Spacings				
		40"	36"	34"	30"	28"
In Furrow	6 Ounces	5	5.5	5.83	6.7	10
	8 Ounces	6.7	7.3	7.7	8.9	13.3
7" Band	8 Ounces	6.7	7.3	7.7	8.9	13.3

Sugar Beets

Sugar Beet Root Maggot—Use 13.3 lbs. of Furadan 15 Granules to 23,750 linear feet of row or 2.7 ounces per 300 feet (equivalent to 1 acre using 22 inch row spacing). Apply granules in a 6 to 7 inch band and incorporate into the top 1 inch of soil using a suitable device.

Sugarcane

Apply Furadan 15 Granules at the rate of 1.7 lb to 3.3 lb per 1000 linear feet of row (equivalent to 13.3 to 26.7 lbs. per acre based on 60 inch row spacings). Do not use in Hawaii

Plant cane: Nematodes (Root Knot and Stunt), Wireworm—Apply the above rate as a 15 inch band directly over the planted cane and cover with soil

Stubblecane: Wireworm (Florida only) Nematodes (Root Knot and Stunt)—Apply the above rate as a 15 inch band over the stubble row. Use anytime after harvest until regrowth reaches 10 inches. Cover with a 1 to 2 inch layer of soil. Covering with more than 2 inches of soil may reduce stand.

Tobacco—Burley

Flea Beetles—Use 20-26.7 lb per acre. Broadcast granules over the soil surface prior to transplanting and incorporate with a suitable device

Tobacco—Flue Cured

Nematodes (Root Knot and Stunt) Wireworms, Hornworms, Flea Beetles and to aid in the control of Budworms—Use 40 lbs. per acre. —OR—Use 26.7 lbs. per acre for full season control of Flea Beetles and approximately 60 days control of Hornworms. Apply Furadan 15 Granules before forming beds. Broadcast granules over the soil surface and incorporate 4 to 6 inches with suitable device. Form beds and plant as usual. This product may induce flecking of the bottom or lower leaves

Cottonwood

Cottonwood Twig Borer, Cottonwood Leaf Beetle, Clearwing Borer—In commercial plantations—Use 6.7-13.3 lb per acre (12 ft. row spacing) or 1.8 to 3.5 lb. per 1000 linear feet of row. Apply during June or July to the root zone of the cutting by the use of a granular subsoil applicator as a sidedress 10 to 12 inches from the trees in a continuous band on both sides of the trees. In Nursery plantings—Use 26.7 lbs per acre (40 inch row spacing) or 2 lbs. per 1000 linear feet of row. Apply during May or June to the root zone of the cutting, side-dressing 10 to 12 inches from the trees in a continuous band on both sides of the trees

Pine Seedlings

Pales Weevil and Pitch-Eating Weevil control in pine plantations—Use 7 grams (1/4 teaspoon) per seedling at transplanting. Distribute the granules in a 6 inch radius on the soil around each seedling. Cover granules with soil. Do not use at planting if seedlings were treated with Furadan 4 Flowable slurry root dip.

Southern Pine Seed Orchards

Seedbugs, Coneworms, Coneborers—Use 2.7 to 5.3 oz. per inch of tree diameter. Cone beetles—Use 5.3 ounces per inch of tree diameter. Broadcast with the drip area of the tree and incorporate with a suitable device. Make one (1) application in winter or early spring. Do not graze or feed orchard plants or plant parts.

Siberian Elm

Elm Leaf Beetle control by commercial applicators only and in the States of Colorado, Nebraska, Kansas, New Mexico, Arizona, Utah and Wyoming only—Apply Furadan 15 Granules, before insects appear in the spring, at the rate of 1/2 ounce per inch of trunk circumference. Measure the circumference (girth) of the tree 3 to 4 feet above the ground. Dig one hole for each inch of girth, 3 to 9 inches deep under the drip line of the tree. Thoroughly soak areas under the tree. Place granules required in each hole. Replace soil plug immediately and compress soil. Keep treated areas soaked with water for 14 days.

If Girth of tree is	Locate Holes away from trunk	Amount of Furadan 15 Granules
1 to 10 inches	1 ft.	1/2-3/4 oz.
14 to 20 inches	3 ft.	4 7/8-6.7 oz.
24 to 30 inches	6 ft. and 12 ft. (alternating)	8-13.3 oz.
44 to 60 inches	10 ft. and 12 ft. (alternating)	14.7-26.7 oz.
80 inches and larger	12 ft. and 20 ft. (alternating)	28.7 oz.

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 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 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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