

Furadan 10 Granules

Insecticide — Nematicide

EPA Reg. No. 279-2712 AA

EPA Est., 279-IL-1

Active ingredient:

*Carbofuran 10.0%

Inert ingredients: 90.0%

*2,3-dihydro-2,2-dimethyl-7-benzofuranyl methylcarbamate' 100.0%

Furadan — FMC trademark

U.S. Patent No. 3,474,171

KEEP OUT OF REACH OF CHILDREN.

WARNING

If swallowed, induce vomiting by sticking finger down throat or by giving soapy or strong salty water to drink. Repeat until vomit is clear. Never give anything by mouth to an unconscious person. Get medical attention. If in eyes, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention. **Note to physician:** Carbofuran is an acetylcholinesterase inhibitor. Atropine is antidotal. Give 2 mg. intramuscularly. If in eyes, use one drop of Homatropine. For Emergency Assistance - Call 716-735-3765

PRECAUTIONARY STATEMENTS

Hazard 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.

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.

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. Any other crop may be planted if it is not harvested or grazed.

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.

Dispose of 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.

Directions for Use

Field Corn — Conventional, Minimum & No-Tillage

Corn Rootworms (Northern, Southern & 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 fungi; Armyworm and Fall Armyworm control for approximately 4 to 6 weeks after planting — Use 7½ to 10 lbs. of Furadan 10 Granules 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.

Southwestern Corn Borer (second to third generation) — Apply 15 to 30 lbs. per acre into the seed furrow by placing the granular application tube directly behind the planter shoe.

European Corn Borer (first generation), Wireworm — Use 20 to 30 lbs. 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).

Nematodes (sting, stunt, stubby root, root knot, dagger, lesion, lance, and spiral) — Use 15 to 20 lbs. 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 & Western Corn Rootworm — Use 7½ to 10 lbs. per acre by banding over the row or by side dressing both sides of the row and cultivating into the soil.

Corn Applicator Indicator Setting

Furadan 10 Granules is a dense, free-flowing product which will require application equipment to be calibrated to apply the recommended amount per acre. The following are approximate settings for guidance in calibration:

Manufacturer and Type	Indicator Setting	
	7½ lbs./A	10 lbs./A
Noble (fiber glass)	9	12
Gandy (901 appl. with resilient Rotors at 4 mph)	15	17
Allis Chalmers (18" wheel with tire)	6	7
E-Z Flo (Model 201-5-25 fiber glass appl.)	9	12
John Deere	RI-N29	RI-N33
International Harvester — Gate No. 1	Dial 6	Dial 8

Peanuts

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

Row banding application method:

Nematodes (root knot, sting, stunt, lesion, ring) in Southeastern States and in Southwestern States of Texas and Oklahoma and for control of Thrips in Southeastern States — Apply Furadan 10 Granules in a band over the row prior to planting and incorporate 3 to 6 inches into the soil. Use the rate indicated below for various band widths.

Potato Leafhopper (Southeastern U.S. only) — To aid in control, apply Furadan 10 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.

Band Width	Rate/Acre (36 inch rows)	Rate/1000 linear feet
12 inches	20 to 40 lbs.	1½ to 2½ lbs.
18 inches	30 to 50 lbs.	2 to 3½ lbs.

In-furrow at planting application method:

Thrips, Potato Leafhopper and as an aid in the control of Southern Corn Rootworm in Southeastern States — Use Furadan 10 Granules in-furrow at planting, 5 to 10 lbs. per acre (36 inch row spacing); 1/3 to 2/3 lbs. per 1000 linear feet of row.

Peppers

Green Peach Aphid — (Delmarva Peninsula & South Jersey only), European Corn Borer — Make two applications of Furadan 10 Granules by sidedressing on either one or both sides of the row. Make a first application two to four weeks after transplanting using 20 lbs. per acre (equivalent to ¾ lb. per 500 linear feet with 38 inch rows). Make the second application four to six weeks later using 30 lbs. per acre (1 lb. per 500 linear feet). Do not make the second application within 21 days of harvest.

Potatoes

Colorado Potato Beetle, Potato Flea Beetle, Potato Leafhopper and Green Peach Aphid control in the Northeast including Delmarva Peninsula and the North-central States including Colorado and for Potato Tuberworm control in Virginia — Use 2½ pounds of Furadan 10 Granules per 1000 linear feet of row (30 pounds per acre on 38 inch row spacing). Apply directly into the bottom of the furrow during the planting operation.

Sorghum

Greenbug — Use only on grain sorghum or sorghum grown for forage.

Use 9-12 ounces of Furadan 10 Granules per 1000 linear feet of row (7.5-10 lbs. per 13,000 linear feet). Apply directly into seed furrow. — OR — Use 12 ounces Furadan 10 Granules per 1000 linear feet of row (10 lbs. per 13,000 linear feet). Apply in a 7 inch band over the row and incorporate granules into the top 1 inch of soil by use of a press wheel, dropping a short length of chain or other suitable device.

Pounds of Furadan 10 Granules to Apply Per Acre Using Various Row Spacings

In-furrow 7" Band	20"		30"		40"	
	15-20	10-13	15		7.5-10	10
	20					

Sugar Beets

Sugar Beet Root Maggot — Use 20 lbs. of Furadan 10 Granules to 23,750 linear feet of row or 4 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.



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Sugarcane

Apply Furadan 10 Granules at the rate of 2½ to 5 lbs. per 1000 linear feet of row (equivalent to 20 to 40 lbs. per acre based on 60 inch row spacings). Do not use in Hawaii.

Nematodes (root knot & stunt), **Wireworm** —

Plant cane: Apply the above rate as a 15 inch band directly over the planted cane and cover with soil.

Wireworm (Florida only), **Nematodes** (Root knot & stunt) —

Stubblecane: Apply the above rate as a 15 inch band over the stubble row. Use anytime after harvest until regrowth reaches 18 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 30 to 40 lbs. per acre. Broadcast granules over the soil surface prior to transplanting and incorporate with a suitable device.

Tobacco — Flue Cured

Nematodes (root knot & stunt), **Wireworms**, **Hornworms**, **Flea Beetles** and to aid in the control of **Budworms** — Use 60 lbs. per acre. —OR— Use 40 lbs. per acre for full season control of flea beetles and approximately 60 days control of hornworms. Apply Furadan 10 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.

Cottonwood

Cottonwood Twig Borer, **Cottonwood Leaf Beetle**, **Clearwing Borer** — **In commercial plantings** use 10 to 20 lbs. per acre (12 ft. row spacing) or 2¾ to 5½ lbs. 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 40 lbs. per acre (40 inch row spacing) or 3 lbs. per 1000 linear feet of row. Apply during May or June to the root zone of the cutting, sidedressing 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 10 grams (1 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 4 to 8 ounces per inch of tree diameter. **Cone beetles** - Use 8 ounces per inch of tree diameter. Broadcast within 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 10 Granules, before insects appear in the spring, at the rate of ½ 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 area 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 10 Granules
1 to 10 inches	1 ft.	0.5 to 5 ounces
14 to 20 inches	3 ft.	7 to 10 ounces
24 to 80 inches	6 ft. & 12 ft. (alternating)	12 to 20 ounces
44 to 80 inches	10 ft. & 12 ft. (alternating)	22 to 40 ounces
80 inches and larger	12 ft. & 20 ft. (alternating)	40 ounces

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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