

14-DEC-2007 2007-5488

14-MAR-2007 Preservative update.



GROUP	1A	INSECTICIDE
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FURADAN® 480 F

SYSTEMIC LIQUID INSECTICIDE

FOR INSECT CONTROL ON CERTAIN FIELD, FRUIT AND VEGETABLE CROPS

Contains Carbofuran
RESTRICTED

GUARANTEE: Carbofuran . . . 480 g/L

Contains sodium o-phenylphenate at 0.036% as a preservative.
REGISTRATION NO. 10828 PEST CONTROL PRODUCTS ACT

DANGER symbol..... POISON

KEEP OUT OF REACH OF CHILDREN
CALL A DOCTOR OR POISON CONTROL CENTER IN CASE OF ACCIDENT

(See rear panel for additional danger statements)

SHAKE WELL BEFORE USE. For easy shaking this over-sized container has purposely not been filled to the top but it contains the specified volume.

DO NOT STORE BELOW 2°C (35°F)

READ THE LABEL AND THE ATTACHED LEAFLET BEFORE USING

NET CONTENTS: 4 LITRES

Product Information : 1-888-283-6847

DISTRIBUTED BY
Bayer CropScience Inc.
Suite 100, 3131 114th Avenue S.E.
Calgary, Alberta T2Z 3X2

IN CASE OF SPILLS, POISONING OR FIRE, TELEPHONE EMERGENCY RESPONSE NUMBER
1-800-334-7577 (24 HOURS A DAY).

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

RESTRICTED USES

NATURE OF RESTRICTION: This product is to be stored separate from food or feed.

DIRECTIONS FOR USE

For complete directions for use refer to supplemental labeling accompanying this container. Read entire label directions closely.

WEAR GOGGLES, RUBBER GLOVES, RESPIRATOR AND PROTECTIVE CLOTHING AT ALL TIMES WHEN MEASURING, MIXING, SPRAYING OR CLEANING AND MAINTAINING SPRAY EQUIPMENT. Shake well before use. For easy shaking, this over-sized container has purposely not been filled to the top but it contains the specified volume. Use not less than 100 L of water per hectare and apply with a boom sprayer equipped with hydraulic or mechanical agitation and 0.3 mm screens; remove any felt filters. This product is compatible with all fungicides which are commonly used on these crops. Do not mix with Bordeaux and hydrated lime.

REENTRY: Do not reenter fields less than 48 hours following application, unless appropriate protective clothing is worn (i.e. long-sleeved shirt and long pants).

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Call a doctor or Poison Control Center in case of accident.

Poisonous if swallowed or inhaled. May be fatal or harmful as a result of eye or skin contact or by breathing spray mist.

Use a respirator of a type suitable for carbofuran protection, such as American Optical Respirator 6058 or Willson Agritox Respirator. Follow manufacturer's instructions for respirator care and use.

Do not get in eyes. Wear goggles at all times when measuring, mixing or applying. Prevent contact with the skin. Wear protective rubber gloves and long sleeved clothing at all times when measuring, mixing or cleaning and maintaining spray equipment. Wash hands and face after handling and before drinking, eating or smoking. Wash hands before relieving bladder. Bathe at the end of the workday. Change clothing daily and wash it before reuse. Change clothing immediately if carbofuran is spilled or sprayed on clothing, and wash all contaminated skin surfaces immediately with soap and water. Keep all articles of protective equipment clean.

ENVIRONMENTAL PRECAUTIONS:

Do not apply or allow to drift to areas occupied by unprotected human or beneficial animals. Do not contaminate feed or foodstuffs. Keep out of areas inhabited by fish, birds and wildlife, as this product is highly toxic to such animals.

Do not apply when crops are in bloom or allow spray to drift towards beehives as it is very poisonous to bees. Remove cattle before spraying.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at: www.croplife.ca.

FIRST AID: IF SWALLOWED, call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. IF INHALED, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice. IF ON SKIN OR CLOTHING, take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice. IF IN EYES, hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

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1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

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WEAR GOGGLES, RUBBER GLOVES, RESPIRATOR AND PROTECTIVE CLOTHING AT ALL TIMES WHEN MEASURING, MIXING, SPRAYING OR CLEANING AND MAINTAINING SPRAY EQUIPMENT. Shake well before use. For easy shaking, this over-sized container has purposely not been filled to the top but it contains the specified volume. Use not less than 100 L of water per hectare and apply with a boom sprayer equipped with hydraulic or mechanical agitation and 0.3 mm screens; remove any felt filters. This product is compatible with all fungicides which are commonly used on these crops. Do not mix with Bordeaux and hydrated lime.

REENTRY: Do not reenter fields less than 48 hours following application, unless appropriate protective clothing is worn (i.e. long-sleeved shirt and long pants).

AERIAL APPLICATION : GENERAL DIRECTIONS FOR USE AND PRECAUTIONS

FURADAN 480 F INSECTICIDE MAY BE APPLIED BY AIRCRAFT ONLY WHERE SPECIFICALLY INDICATED UNDER THE USE INSTRUCTIONS ON THIS LABEL. CLOSED COCKPITS ARE REQUIRED FOR ALL AERIAL APPLICATIONS OF FURADAN 480 F.

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label. Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. To avoid streaked, uneven or overlapped application, use appropriate marking devices. HUMAN FLAGGING IS PROHIBITED.

For minimum spray volumes refer to 'Recommended Applications' for specific uses on this label.

OPERATOR PRECAUTIONS:

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted. It is desirable that the pilot has communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear Personal Protective Equipment as outlined under PRECAUTIONS on this label during mixing/loading, cleanup and repair. All personnel on the job site must

wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

USE PRECAUTIONS:

EXERCISE EXTREME CAUTION DURING THE AERIAL APPLICATION OF ANY PESTICIDE: Drift of pesticides is not always visible with the human eye. Small spray droplets may drift into sensitive areas without obvious signs of danger. Apply only under conditions of good practice specific to aerial application as outlined in the *Basic Knowledge Requirements for Pesticide Education in Canada: Applicator Core* and *Aerial Module*, developed by CAPCO.

SPRAY DRIFT MANAGEMENT FOR AERIAL AND GROUND APPLICATIONS

For the protection of non-target habitats, overspray or drift to any body of water or other environmentally sensitive habitats must be avoided. Do not apply under conditions where drift to an unprotected person(s), occupied dwelling, or to food, forage, or other plantings can occur.

The interaction of many equipment- and weather-related factors determines the potential for spray drift. AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR. The best available application technique, which minimizes off-target drift, should be used.

The applicator is responsible for considering all these factors when making application decisions.

1. **DROPLET SIZE:** An important factor influencing drift is the droplet size. Small droplets (<150 to 200 microns) drift to a greater extent than large droplets. Within typical equipment specifications, applications should be made to deliver the largest droplet spectrum that provides sufficient control and coverage. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure.

CONTROLLING DROPLET SIZE - GENERAL TECHNIQUE

- Volume - Use high flow rate nozzles to apply the highest spray volume. Nozzles with higher rated flows produce larger droplets.
- Pressure - Use the lowest spray pressures recommended for the selected nozzle. Higher pressure reduces droplet size. When higher flow rates are needed use a higher capacity nozzle instead of increasing pressure.
- Nozzle Type - Select nozzle designed for the intended application.

CONTROLLING DROPLET SIZE - AIRCRAFT

- Number of nozzles - Use minimum number with the highest flow rate that give coverage.
- Nozzle orientation - Backwards, parallel to the airsteam. This will produce larger droplets than other orientations.
- Nozzle type - Use nozzle that is designed for intended purpose.

2. **SPRAY BOOM:** For aerial applications: the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used and must not exceed 75% of the wing span or rotor diameter.

For ground applications: Set the spray boom at the lowest possible height which provides uniform coverage to reduce exposure of droplets to evaporation and wind.

3. **SPRAY HEIGHT:** For aerial applications, spray should be released at the lowest height consistent with efficacy and flight safety. Applications more than 3 metres above the crop canopy should be avoided.
4. **WIND:** Do not apply during periods of dead calm (wind speed less than 5 km/hr), when winds are gusty or when wind speed is greater than 15 km/hour at flying height at the site of application. Do not spray when wind direction is toward any sensitive habitat area.
5. **TEMPERATURE INVERSIONS:** Do not make aerial or ground applications during temperature inversions. Drift potential is high during temperature inversions. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however if fog is not present, inversions can also be identified by the movement of smoke from a ground source. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical mixing.
6. **HUMIDITY AND TEMPERATURE:** Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift. Avoid spraying during conditions of low humidity and/or high temperature.

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that FURADAN 480 F Insecticide contains a Group 1A insecticide. Any insect population may contain individuals naturally resistant to FURADAN 480 F Insecticide and other Group 1A insecticides. The resistant individuals may dominate the insect population if this group of insecticides is used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance:

- Where possible, rotate the use of FURADAN 480 F Insecticide or other Group 1A insecticides with different groups that control the same pests in a field.
- Insecticide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.
- Before spraying, correctly identify the pest and ensure economic and agronomic thresholds are met as recommended by local provincial or IPM specialists. Observe provincial pest pressure guidelines.

- Monitor treated pest populations for resistance development. Do not use in areas where resistance to FURADAN 480 F has been identified.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact Bayer CropScience Inc. via internet at www.bayercropscience.ca or phone 1-888-283-6847.

RECOMMENDED APPLICATIONS

CROP	PEST	DOSAGE – FURADAN 480 F	REMARKS
Potato	Colorado potato beetle Potato flea beetle Potato leafhopper Tarnished plant bug	0.55 - 1.1 L/ha 1.1 L/ha	Apply as soon as insects reach threshold level. Use 800 to 1000 L of water per hectare at a minimum pressure of 875 kPa. For Colorado potato beetle, use the higher rate in Eastern Canada only. Consult pest management specialists regarding appropriate timing of applications. Do not apply later than 7 days before harvest. Do not make more than 2 applications in any season. Do not apply by air.
Corn Sweet Field* Silage* (*Western Canada Only)	European corn borer Western and Northern corn rootworm adults	1.1 L/ha 500 mL/ha	<p>PRODUCT MAY BE APPLIED BY GROUND OR AIR. Apply specified dosage in sufficient water for good coverage. Do not spray fields smaller than 5 ha by air. Do not apply to field or silage corn in Eastern Canada.</p> <p><u>European Corn Borer:</u> Spray not later than when first feeding is seen on foliage. For second brood borers in late plantings, apply before tassels show. Do not apply more than 2 times per season.</p> <p><u>Corn rootworms:</u> Spray when rootworm adults are feeding on silks prior to corn pollination. Pollination may be reduced by feeding from silk emergence until silks begin to dry. A repeat application may be needed if reinfestation occurs. Do not apply more than 2 times per season.</p> <p>For the timing of applications, follow customary schedule in your region or consult your local extension specialist for threshold levels. Do not apply within 7 days of harvest. Cobs, husks and stalks may then be fed to livestock.</p> <p>If prolonged direct contact with corn foliage will occur, do not reenter treated fields within 14 days of application without wearing appropriate protective clothing (i.e. long-sleeved shirt and long pants).</p>
Green Peppers	European corn borer	1.1 L/ha	<u>For use in Ontario Only:</u> Apply specified dosage per hectare in 1000 to 1250 L of water when the second generation of corn borer has hatched (usually during early August). Repeat at 7 day intervals. Do not make more than 3 applications per season. Do not apply within 2 days of harvest. Do not apply by air.
Sunflower	Sunflower beetle	275 mL/ha	<p>Apply when these insects are first noticed. Use not less than 100 L of water per hectare. Do not make more than 2 applications per season and DO NOT SPRAY AFTER PLANTS ARE MORE THAN 60 CM IN HEIGHT OR AFTER HEADS HAVE STARTED TO FORM.</p> <p>Do not apply within 60 days of harvest. Do not apply by air.</p> <p>Do not apply within 250 metres of Burrowing Owl nests.</p>

RECOMMENDED APPLICATIONS (cont'd)

CROP	PEST	DOSAGE - FURADAN 480 F	REMARKS
Canola (rapeseed)/ Mustard	Flea beetle	150 mL/ha	PRODUCT MAY BE APPLIED BY GROUND OR AIR. Apply about 2 weeks after seeding or when insects are noticed. For ground applications, use a minimum of 100 L of water per hectare. Do not apply within 60 days before harvest of canola or 21 days before harvest or grazing of mustard. Do not apply within 250 metres of Burrowing Owl nests.
	Red turnip beetle	275 mL/ha	
Raspberry (Field)	Bud or root weevil	1.1 - 2.5 L/ha	<u>For use in British Columbia only:</u> When buds are damaged, make application before May 7 to the lower 50 cm of canes and soil. Do not make more than 1 application per season. Do not apply within 56 days of harvest. Do not apply by air.
Strawberries	Root weevil Spittlebug	1.1 - 2.5 L in 1000 L of water/ha	<u>For use in British Columbia only:</u> Apply after harvest when fresh leaf notches caused by adult weevils are seen. Do not apply more than once per season. Do not apply by air.
	Strawberry weevil (Blosson clipper) Tarnished plant bug	1.1 L/ha	<u>For use in Eastern Canada only:</u> Apply specified dosage per hectare in sufficient water for good coverage. Make only one application just before first blossoms open. Do not apply later than first bloom. Do not apply by air.
Do not use FURADAN 480 F on strawberry varieties Cavendish, Annapolis or Kent because the use of FURADAN 480 F has been associated with calyx burn or discoloration after some applications. Before using FURADAN 480 F on a new variety check with your local Extension Specialist.			
Sugarbeets	Sugarbeet root maggot	2.34 L/ha	<u>For use in Western Canada only:</u> Apply in 200 L/ha of water as drench over the row at a very early stage of root maggot activity, usually the first week of June. Application must be followed by a light sprinkler irrigation to incorporate the FURADAN 480 F into the soil. Do not make more than one application per season. Do not apply within 120 days of harvest. Do not apply by air. Do not use on soils which are prone to puddling.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Call a doctor or Poison Control Center in case of accident. Poisonous if swallowed or inhaled. May be fatal or harmful as a result of eye or skin contact or by breathing spray mist.

Use a respirator of a type suitable for carbofuran protection, such as American Optical Respirator 6058 or Willson Agritox Respirator. Follow manufacturer's instructions for respirator care and use.

Do not get in eyes. Wear goggles at all times when measuring, mixing or applying. Prevent contact with the skin. Wear protective rubber gloves and long sleeved clothing at all times when measuring, mixing or cleaning and maintaining spray equipment. Wash hands and face after handling and before drinking, eating or smoking. Wash hands before relieving bladder. Bathe at the end of the workday. Change clothing daily and wash it before reuse. Change clothing immediately if carbofuran is spilled or sprayed on clothing, and wash all contaminated skin surfaces immediately with soap and water. Keep all articles of protective equipment clean.

ENVIRONMENTAL PRECAUTIONS :

Do not apply or allow to drift to areas occupied by unprotected human or beneficial animals. Do not contaminate feed or foodstuffs. Keep out of areas inhabited by fish, birds and wildlife, as this product is highly toxic to such animals.

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FIRST AID: IF SWALLOWED, call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. IF INHALED, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice. IF ON SKIN OR CLOTHING, take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice. IF IN EYES, hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Carbofuran causes reversible 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 antidotal. Give 2 mg atropine intramuscularly. If in eyes, instill one drop of Homatropine. Do not use oximes such as 2-PAM.

STORAGE: Keep in a safe cool place; prevent from freezing.

DISPOSAL

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Supplemental Label



EMERGENCY LABEL FOR CONTROL OF CABBAGE ROOT MAGGOT IN
TURNIPS AND RUTABAGAS IN BRITISH COLUMBIA
FROM APRIL 3 TO AUGUST 31, 2007.

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NATURE OF RESTRICTION: This product is to be stored separate from food or feed.

DIRECTIONS FOR USE – RESTRICTED USE

WEAR RESPIRATOR, COVERALLS OVER LONG SLEEVED SHIRT AND LONG PANTS, CHEMICAL RESISTANT GLOVES, SOCKS AND CHEMICAL RESISTANT FOOTWEAR DURING MIXING, LOADING, APPLICATION AND REPAIR. IN ADDITION, WEAR GOGGLES OR FACE SHIELD DURING MIXING AND LOADING. Shake well before use. For easy shaking, this over-sized container has purposely not been filled to the top but it contains the specified volume. Apply with a boom sprayer equipped with hydraulic or mechanical agitation and 0.3 mm screens; remove any felt filters. This product is compatible with all fungicides which are commonly used on these crops. Do not mix with Bordeaux and hydrated lime.

REENTRY: Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours except to employ techniques which are recognized to effectively reduce the presence of birds. Appropriate protective clothing (i.e. long-sleeved shirt and long pants) must be worn during these activities.

DO NOT APPLY BY AIR.

SPRAY DRIFT MANAGEMENT INSTRUCTIONS and RESISTANCE MANAGEMENT RECOMMENDATIONS: Please refer to full label booklet of FURADAN® 480 F SYSTEMIC LIQUID INSECTICIDE.

RECOMMENDED APPLICATION

CROP	PEST	DOSAGE - FURADAN 480 Flowable	REMARKS
Turnips Rutabagas	Root maggot	37.5 mL in 10 L of water per 100 m of row (i.e., 4.2 L of product in 1110 L of water per hectare with 90 cm row spacing or 5.25 L of product in 1300 L of water per hectare with 70 cm row spacing)	Seeded Rutabagas: Apply 10 days after seeding when first true leaves appear. Transplanted Rutabagas: Apply immediately after transplanting. If required, up to three (3) applications may be applied to rutabaga per season. Allow at least 20 days between applications. Turnips (purple tops): Apply one application after seeding. Follow provincial recommendations for correct timing. DO NOT USE MORE THAN 3 APPLICATIONS PER SEASON. DO NOT APPLY LATER THAN 40 DAYS BEFORE HARVEST. DO NOT APPLY PRIOR TO APRIL 3, 2007 OR AFTER AUGUST 31, 2007. Do not feed foliage of treated crop to livestock, but mature roots can be fed. Do not use on crops to be exported to the U.S.

SPECIAL DIRECTIONS FOR ROOT MAGGOT : As root maggots hatch and live around the stems of plants, it is important that the spray runs down the stem into the soil. Use one single nozzle over the centre of the row and apply a coarse spray at low pressure. As the leaves of well-developed plants should act as a funnel, do not spray a wider band than the width between the upright portions of the outer leaves.

GROWERS MUST EMPLOY TECHNIQUES (SUCH AS PROPANE GUNS) WHICH ARE RECOGNIZED TO EFFECTIVELY REDUCE BIRD USE IN TREATED AREAS FOR 2 DAYS AFTER PESTICIDE APPLICATION.

DO NOT APPLY WITHIN 24 HRS OF HEAVY RAINFALL WHICH MAY CAUSE PUDDLING.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Call a doctor or Poison Control Center in case of accident. Fatal or poisonous if swallowed or inhaled. **DO NOT** breathe sprays or mists. May be fatal or harmful as a result of eye or skin contact or by breathing spray mist.

Use a respirator of a type suitable for carbofuran protection, such as American Optical Respirator 6058 or Willson Agritox Respirator. Follow manufacturer's instructions for respirator care and use.

Do not get in eyes. Wear goggles or face shield during mixing and loading. Prevent contact with the skin. Wear coveralls over long sleeved shirt and long pants, chemical resistant gloves, socks and chemical resistant footwear during mixing, loading, application, clean-up and repair. Wash hands and face after handling and before drinking, eating or smoking. Wash hands before relieving

bladder. Bathe at the end of the workday. Change clothing daily and wash it before reuse. Change clothing immediately if carbofuran is spilled or sprayed on clothing, and wash all contaminated skin surfaces immediately with soap and water. Keep all articles of protective equipment clean.

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TOXICOLOGICAL INFORMATION: Carbofuran is a carbamate which is a cholinesterase inhibitor. Typical symptoms of overexposure to cholinesterase inhibitors include malaise, muscle weakness, dizziness and sweating. Headache, salivation, nausea, vomiting, abdominal pain and diarrhea are often prominent. A life-threatening poisoning is signified by loss of consciousness, incontinence, convulsions and respiratory depression with a secondary cardiovascular component. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate degree of exposure (baseline data are useful). However, if a blood sample is taken several hours after exposure, it is unlikely that blood cholinesterase activities will be depressed, due to rapid reactivation of cholinesterase. Atropine, only by injection, is the preferable antidote. Do not use pralidoxime. In cases of severe acute poisoning, use antidotes immediately after establishing an open airway and respiration. With oral exposure, the decision of whether to induce vomiting or not should be made by an attending physician.

STORAGE: Keep in a safe cool place; prevent from freezing.

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070207

Supplemental Label



SUPPLEMENTAL LABEL FOR EMERGENCY USE IN RUTABAGAS AND
TURNIPS GROWN IN NOVA SCOTIA FROM MAY 24 TO AUGUST 31, 2007.

GROUP 1A INSECTICIDE

FURADAN® 480 F SYSTEMIC LIQUID INSECTICIDE

Contains Carbofuran

RESTRICTED

GUARANTEE: Carbofuran . . . 480 g/L

Contains sodium o-phenylphenate at 0.036% as a preservative.

REGISTRATION NO. 10828 PEST CONTROL PRODUCTS ACT



DANGER

POISON

KEEP OUT OF REACH OF CHILDREN

Call a doctor or Poison Control Center in case of accident

Shake well before use. For easy shaking this over-sized container has
purposely not been filled to the top but it contains the specified volume.

DO NOT STORE BELOW 2°C

READ THE PRODUCT LABEL AND LEAFLET BEFORE USING

NET CONTENTS: 4 LITRES

Product Information : 1-888-283-6847

DISTRIBUTED BY

Bayer CropScience Inc.
Suite 100, 3131 114th Avenue S.E.
Calgary, Alberta T2Z 3X2

IN CASE OF SPILLS, POISONING OR FIRE, TELEPHONE EMERGENCY
RESPONSE NUMBER 1-800-334-7577 (24 HOURS A DAY).

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

NATURE OF RESTRICTION: This product is to be stored separate from food or feed.

DIRECTIONS FOR USE – RESTRICTED USE

WEAR RESPIRATOR, COVERALLS OVER LONG SLEEVED SHIRT AND LONG PANTS, CHEMICAL RESISTANT GLOVES, SOCKS AND CHEMICAL RESISTANT FOOTWEAR DURING MIXING, LOADING, APPLICATION AND REPAIR. IN ADDITION, WEAR GOGGLES OR FACE SHIELD DURING MIXING AND LOADING. Shake well before use. For easy shaking, this over-sized container has purposely not been filled to the top but it contains the specified volume. Apply with a boom sprayer equipped with hydraulic or mechanical agitation and 0.3 mm screens; remove any felt filters. This product is compatible with all fungicides which are commonly used on these crops. Do not mix with Bordeaux and hydrated lime.

REENTRY: Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours except to employ techniques which are recognized to effectively reduce the presence of birds. Appropriate protective clothing (i.e. long-sleeved shirt and long pants) must be worn during these activities.

DO NOT APPLY BY AIR.

SPRAY DRIFT MANAGEMENT INSTRUCTIONS and RESISTANCE MANAGEMENT RECOMMENDATIONS: Please refer to full label booklet of FURADAN® 480 F SYSTEMIC LIQUID INSECTICIDE.

RECOMMENDED APPLICATION

CROP	PEST	DOSAGE - FURADAN 480 Flowable	REMARKS
Rutabaga	Control of root maggot Reduction in numbers of wireworms	37.5 mL in 10 L of water per 100 m of row (i.e., 4.2 L of product in 1110 L of water per hectare with 90 cm row spacing or 5.25 L of product in 1300 L of water per hectare with 70 cm row spacing)	Seeded Rutabagas: Apply 10 days after seeding when first true leaves appear. Transplanted Rutabagas: Apply immediately after transplanting. If required, up to three (3) applications may be applied to rutabaga per season. Allow at least 20 days between applications. Turnips (purple tops): Apply one application after seeding.
Turnip	Control of root maggot		Follow provincial recommendations for correct timing. DO NOT USE MORE THAN 3 APPLICATIONS PER SEASON. DO NOT APPLY LATER THAN 40 DAYS BEFORE HARVEST. DO NOT APPLY PRIOR TO MAY 24, 2007 OR AFTER AUGUST 31, 2007. Do not feed foliage of treated crop to livestock, but mature roots can be fed. Do not use on crops to be exported to the U.S.

SPECIAL DIRECTIONS FOR ROOT MAGGOTS AND WIREWORM: As root maggots hatch and live around the stems of plants and wireworms attack the developing plant, it is important that the spray runs down the stem into the soil. Use one single nozzle over the centre of the row and apply a coarse spray at low pressure. As the leaves of well-developed plants should act as a funnel, do not spray a wider band than the width between the upright portions of the outer leaves. **GROWERS MUST EMPLOY TECHNIQUES (SUCH AS PROPANE GUNS) WHICH ARE RECOGNIZED TO EFFECTIVELY REDUCE BIRD USE IN TREATED AREAS FOR 2 DAYS AFTER PESTICIDE APPLICATION.**

DO NOT APPLY WITHIN 24 HRS OF HEAVY RAINFALL WHICH MAY CAUSE PUDDLING.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Call a doctor or Poison Control Center in case of accident. Fatal or poisonous if swallowed or inhaled. **DO NOT** breathe sprays or mists. May be fatal or harmful as a result of eye or skin contact or by breathing spray mist.

Use a respirator of a type suitable for carbofuran protection, such as American Optical Respirator 6058 or Willson Agritox Respirator. Follow manufacturer's instructions for respirator care and use.

Do not get in eyes. Wear goggles or face shield during mixing and loading. Prevent contact with the skin. Wear coveralls over long sleeved shirt and long pants, chemical resistant gloves, socks and chemical resistant footwear during mixing, loading, application, clean-up and repair. Wash hands and face after handling and before drinking, eating or smoking. Wash hands before relieving bladder. Bathe at the end of the workday. Change clothing daily and wash it before reuse. Change clothing immediately if carbofuran is spilled or sprayed on clothing, and wash all contaminated skin surfaces immediately with soap and water. Keep all articles of protective equipment clean.

ENVIRONMENTAL PRECAUTIONS :

Do not apply or allow to drift to areas occupied by unprotected human or beneficial animals. Do not contaminate feed or foodstuffs. Keep out of areas inhabited by fish, birds and wildlife, as this product is highly toxic to such animals.

Do not apply when crops are in bloom or allow spray to drift towards beehives as it is very poisonous to bees. Remove cattle before spraying.

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