

2021-2771

2022-03-09

This label has been updated according to the re-evaluation decision of Imidacloprid RVD2021-05. While users are encouraged to follow this updated label immediately, the previously approved label is valid until 19/05/2023 in accordance with the phase out period set out in the re-evaluation/special review decision of Imidacloprid RVD2021-05. This previously approved label will be provided upon request by emailing hc.pmra.info-arla.sc@canada.ca. In your email please include the product name and Registration number of the label you are requesting.



GROUP

4A

INSECTICIDE

GAUCHO[®] 480 FL INSECTICIDE

Gaicho 480 FL Insecticide is a systemic insecticide seed treatment for early season protection of canola, mustard (condiment type only) and rapeseed seed and seedlings against flea beetles. Gaicho 480 FL also provides early season control of wireworms in field and sweet corn. Use of Gaicho 480 FL as a seed treatment for field corn is restricted to Ontario only. Use of Gaicho 480 FL as a seed treatment for sweet corn is restricted to Ontario and Quebec only.

Suspension
COMMERCIAL

All seed treated with this product must be conspicuously coloured at the time of treatment.

ACTIVE INGREDIENT: Imidacloprid.....480 g/L

REGISTRATION NO. 26124 PEST CONTROL PRODUCTS ACT



CAUTION

POISON

READ THE LABEL AND BOOKLET BEFORE USING

PROTECT FROM FREEZING

Special Use Restrictions: This product contains no colourant. An appropriate colourant must be added when this product is applied. Regulations pertaining to the *Seeds Act* must be strictly adhered to when using this product. Gaicho 480 FL Insecticide can only be sold to commercial seed treaters who must comply with these regulations.

NET CONTENTS 10 L, 100 L, 1,000 L

Bayer CropScience
Suite 200, 160 Quarry Park Blvd. S.E.
Calgary, AB T2C 3G3

For product information, call: 1-800-283-6847
In case of spills, poisoning, fire or other emergencies,
call: 1-800-334-7577 (24 hours a day)

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GENERAL INFORMATION:

Gaucho 480 FL Insecticide is a systemic insecticide seed treatment for early season protection of canola, mustard (condiment type only) and rapeseed seed and seedlings against flea beetles. In areas where flea beetle populations are often high, the higher application rate is recommended. Gaucho 480 FL Insecticide provides early season control of wireworms in field and sweet corn. Use of Gaucho 480 FL Insecticide as a seed treatment for field corn is restricted to Ontario only. Use of Gaucho 480 FL as a seed treatment for sweet corn is restricted to Ontario and Quebec only.

Under high insect pressures, a foliar insecticide may be required, therefore monitor crop regularly for insect infestation levels.

DIRECTIONS FOR USE:

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests. DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Dispose of all excess treated seed. Leftover treated seed may be buried away from water sources in accordance with local requirements. Do not dispose of seed by double-sowing in headlands. Broadcast seeding is prohibited.

CANOLA, MUSTARD (CONDIMENT TYPE ONLY), RAPESEED AND CORN:

For use in commercial seed treatment facilities (and by mobile treaters) with closed-transfer, including closed mixing, loading, calibrating, and closed-treatment equipment only. No open transfer is permitted. Not for use on agricultural establishments in hopper-box, slurry-box, or other seed treatment applications at, or immediately before, planting. This product is to be used in treaters designed for pelleting or coating seed. Mix thoroughly before use, or use entire container at one time. All seed must be conspicuously coloured at the time of treatment in accordance with Seed Regulations.

Equipment used in seed treating plants can vary thus it is advised that a Bayer CropScience representative be contacted to discuss the use of Gaucho 480 FL Insecticide in the intended seed treater prior to use. Gaucho 480 FL Insecticide-treated seed may reduce seed flow in the seed drill. Recalibration of the seed drill may be required to obtain correct seeding rate before planting.

When tank-mixes are permitted, read and observe all label directions, including rates and restrictions for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

CANOLA, MUSTARD (CONDIMENT TYPE ONLY), AND RAPESEED.

For early season protection of seed and seedlings against flea beetles.

Mixing Instructions per 100 kg seed.

Gaucho 480 FL Application Rate	Component		Total Mixture
	Gaucho 480 FL	Water	
833.3 mL/100kg seed to 1666.6 mL/100kg seed	833.3 mL 1666.6 mL	83.3 mL 166.6 mL	916.6 mL 1833.2 mL

NOTE: A colourant must be added to this product to colour the seed in accordance with the *Pest Control Products Act and the Seeds Act and Regulations*. A blue colourant must be added when this product is applied to oilseed. A suitable seed colourant such as Magna-Coat Colourant must be applied to the seed during the pelleting or the coating process. Magna-Coat Polymer and Magna-Coat Colourant are also available from Gustafson. For assistance please contact a Gustafson representative.

CORN

For early season control of wireworms.

CROP	PEST	APPLICATION RATE	REMARKS
Field Corn (For use in Ontario Only)	Wireworms	27 mL product per 80,000 seeds (0.16 mg ai per kernel)	Dilute in sufficient water to achieve uniform distribution on the seed. Apply a total slurry volume of 100 mL per 80,000 seeds. Ensure that seed is adequately coloured.
Field Corn for Seed Production (For use in Ontario Only)	Wireworms	27 mL product per 80,000 seeds (0.16 mg ai per kernel)	Dilute in sufficient water to achieve uniform distribution on the seed. Apply a total slurry volume of 100 mL per 80,000 seeds. Ensure that seed is adequately coloured.
Sweet Corn (For use in Ontario and Quebec Only)	Wireworms	140 mL product per 100 kg of seed	Dilute in sufficient water to achieve uniform distribution on the seed. Apply a total slurry volume of 525 mL per 100 kg of seed. Ensure that seed is adequately coloured.

Pre-test the germination of a small sample of each seed lot with Gaucho 480 FL Insecticide prior to commercial application to the whole lot. Carry-over of Gaucho 480 FL Insecticide treated seed is not recommended. Gaucho 480 FL Insecticide can be used as an over-treatment.

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than Bayer CropScience under the User Requested Minor Use Label Expansion program. For these uses, Bayer CropScience has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

DIRECTIONS FOR USE: Gaucho 480 FL Insecticide is a systemic insecticide seed treatment for early season protection of edible podded beans and dry shelled beans from potato leafhopper. For use in commercial and on-farm seed treatment equipment. Mix thoroughly before use, or use entire container at one time. All seed must be conspicuously coloured at the time of treatment in accordance with *Seed Act and Regulations*. Gaucho 480 treated seed may reduce seed flow in the seed drill. Recalibration of the seed drill may be required to obtain correct seeding rate before planting. Pre-test the germination of a small sample of each seed lot with Gaucho 480 FL Insecticide prior to commercial application to the whole lot. Carry-over of Gaucho 480 FL Insecticide treated seed is not recommended. Gaucho 480 FL Insecticide can be used as an over-treatment.

For early season protection from potato leafhopper, apply Gaucho 480 FL at a rate of 130 mL per 100 kg of seed (62.4 g imidacloprid per 100 kg seed).

Edible podded beans, crop subgroup 6A (except peas)

Crop	Pest	Rate of Gaucho 480 FL
Bean (<i>Phaseolus</i> spp.) Includes runner bean, snap bean, wax bean Bean (<i>Vigna</i> spp.) Includes asparagus bean, Chinese longbean, moth bean, yardlong bean Jackbean	Potato Leafhopper	130 ml per 100kg seed (62.4 g a.i. per 100 kg seed)

Dry shelled beans, crop subgroup 6C (except soybeans and dry shelled peas)

Crop	Pest	Rate of Gaucho 480 FL
Bean (<i>Lupinus</i> spp.) Includes grain lupin, sweet lupin, white lupin, white sweet lupin Bean (<i>Phaseolus</i> spp.) Includes field bean (dry common and coloured) such as kidney, black	Potato Leafhopper	130 ml per 100kg seed (62.4 g a.i. per 100 kg seed)

cranberry pink and navy bean, lima bean, pinto bean, tepary bean Bean (<i>Vigna</i> spp.) Includes adzuki bean, blackeyed pea, catjang, cowpea, Crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean Broad bean (fava bean)		
Use Restriction: Do not handle more than 189 L of Gaucho 480 FL Insecticide per day while treating edible podded beans and dry shelled beans. This is equivalent to 145,000 kg of seed per day at a rate of 130 mL per 100 kg seed.		

METHOD OF APPLICATION:

Storage of Gaucho 480 FL Insecticide at low temperatures is not recommended. Prior to and during application, Gaucho 480 FL must be thoroughly agitated to ensure uniform mixing of the product. Due to the viscosity of the material, it should be kept above 10 °C prior to and during application. Do not apply direct heat to container.

RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that Gaucho 480 FL Insecticide contains a Group 4A insecticide. Any insect population may contain individuals naturally resistant to Gaucho 480 FL and other Group 4 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are 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 Gaucho 480 FL Insecticide or other Group 4 insecticides with different groups that control the same pests in a field.
- Use tank mixtures with insecticides from a different group when such use is permitted.
- Insecticide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.
- Monitor treated pest populations for resistance development.
- 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 at 1-800-283-6847 or at www.cropscience.bayer.ca.

USE RESTRICTIONS:

1. Do not use treated seed for food, feed or oil processing.
2. Do not graze or feed livestock on treated areas for four weeks after planting.
3. Mustard greens grown and harvested from Gaucho 480 FL Insecticide-treated mustard seed

must not be used for human consumption.

4. Treated canola, rapeseed or mustard (condiment type only) seed stored for periods in excess of 9 months may decrease in germination at a faster rate than untreated seed. Treated seed stored for more than 9 months should be tested for germination before planting. Do not store treated seed above 25°C or in direct sunlight.

LABELLING TREATED SEED:

All bags containing treated seed must be labelled or tagged as follows:

- This seed has been treated with Gaucho 480 FL Insecticide seed protectant which contains imidacloprid.
- Do not use for feed, food or oil processing. Store away from feeds and other foodstuffs.
- Toxic to birds, small wild mammals and aquatic organisms. Wear long-sleeves, long pants and chemical resistant gloves, socks and chemical-resistant footwear while handling treated seed. Do not use leather or cloth gloves.
- Closed cabs must be used for planting commercially treated and bagged seeds.
- Do not plant treated seeds by hand.

Additionally, all treated corn seed for sale or use in Canada must be labelled with the following information:

- Imidacloprid is toxic to bees. Dust generated during planting of treated seed may be harmful to bees and other pollinators.
- To help minimize the dust generated during planting, refer to the complete guidance “Pollinator Protection and Responsible Use of Treated Seed- Best Management Practices” on the Health Canada webpage on pollinator protection at www.canada.ca/pollinators.
- When using a seed flow lubricant with this treated seed, only a dust-reducing fluency agent is permitted. Talc and graphite are not permitted to be used as a seed flow lubricant for corn seed treated with this insecticide. Carefully follow use directions for the seed flow lubricant.
- Do not load or clean planting equipment near bee colonies, and avoid places where bees may be foraging, such as flowering crops or weeds.
- When turning on the planter, avoid engaging the system where emitted dust may contact honey bee colonies.
- Spilled or exposed seeds and dust must be incorporated into the soil or cleaned up from the soil surface.

Additionally, all treated legume seed for sale or use in Canada must be labelled with the following information:

- Imidacloprid is toxic to bees. Dust generated during planting of treated seed may be harmful to bees and other pollinators.
- To help minimize the dust generated during planting, refer to the complete guidance “Pollinator Protection and Responsible Use of Treated Seed- Best Management Practices” on the Health Canada webpage on pollinator protection at www.canada.ca/pollinators.
- Do not load or clean planting equipment near bee colonies, and avoid places where bees

- may be foraging, such as flowering crops or weeds.
- When turning on the planter, avoid engaging the system where emitted dust may contact honey bee colonies.
- Spilled or exposed seeds and dust must be incorporated into the soil or cleaned up from the soil surface.

ENVIRONMENTAL PRECAUTIONS:

Toxic to birds, small wild mammals and aquatic organisms. Toxic to certain beneficial arthropods (which may include predatory and parasitic insects, spiders, and mites). Do not apply directly to water or to areas where surface water is present. Do not contaminate water when disposing of equipment wash waters.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Imidacloprid is toxic to bees. Bees can be exposed to product residues in flowers, leaves, pollen and/or nectar resulting from seed treatment applications. When used according to label directions minimal exposure or risk is expected. Dust generated during planting of treated seed may be harmful to bees and other pollinators. To help minimize the dust generated during planting, refer to the complete guidance “Pollinator Protection and Responsible Use of Treated Seed- Best Management Practices” on the Health Canada webpage on pollinator protection at www.canada.ca/pollinators . When using a seed flow lubricant with corn seed treated with Gaucho 480 FL Insecticide, only a dust-reducing fluency agent is permitted. Talc and graphite are not permitted to be used as a seed flow lubricant for corn seed treated with this insecticide. Carefully follow use directions for the seed flow lubricant. Do not load or clean planting equipment near bee colonies, and avoid places where bees may be foraging, such as flowering crops or weeds. When turning on the planter, avoid engaging the system where emitted dust may contact honey bee colonies.

Spilled or exposed seeds and dust must be incorporated into the soil or cleaned up from the soil surface.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

Harmful if swallowed, absorbed through skin or inhaled. Avoid breathing vapour or spray mist. When handling Gaucho 480 FL Insecticide or Gaucho 480 FL Insecticide-treated seed, work in a well-ventilated area.

Use good personal hygiene, washing hands and exposed skin before eating, drinking or smoking. No food, drink or tobacco should be allowed in areas of chemical storage or use.

Personal protective equipment and engineering controls:

Crop	Personal protective equipment and engineering controls
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<p>Canola, mustard (condiment type only), rapeseed, corn</p>	<p>For use in commercial seed treatment facilities (and by mobile treaters) with closed-transfer, including closed mixing, loading, calibrating, and closed-treatment equipment only. No open transfer is permitted. Protective eye wear should be worn when handling this product. During mixing, loading, application, bagging, sewing and stacking, wear coveralls over long-sleeved shirt, long pants, chemical-resistant gloves, socks and chemical-resistant footwear. When cleaning seed treatment equipment, wear chemical-resistant coveralls over long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides. When handling and planting treated seeds, wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and chemical-resistant footwear. Closed cabs must be used for planting commercially treated and bagged seeds. Do not plant treated seeds by hand.</p>
<p>Edible beans, dry shelled beans</p>	<p>Protective eye wear should be worn when handling this product. When treating seeds, handling and planting treated seeds, wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and chemical-resistant footwear. When cleaning equipment in commercial seed treatment facilities, wear chemical-resistant coveralls over long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides OR a NIOSH-approved canister approved for pesticides. Closed cabs must be used for planting commercially treated and bagged seeds. Do not plant treated seeds by hand.</p>

If this pest control product is to be used on a commodity that may be exported and you require information regarding Maximum Residue Limits for an importing country, please contact Bayer CropScience Canada Inc. at 1-888-283-6847 or www.cropscience.bayer.ca.

TOXICOLOGICAL INFORMATION:

Treat poisoning victims symptomatically.

FIRST AID:

IF SWALLOWED: Call a poison control center 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 center or doctor. Do not give anything by mouth to an unconscious person.

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 the eye. Call a poison control centre or doctor for treatment advice.

IF ON SKIN: 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 INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.

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

STORAGE AND DISPOSAL:

STORAGE: Store product in original container only, away from other pesticides, fertilizer, food or feed. Keep container closed. Do not store Gaucho 480 FL Insecticide in direct sunlight. Do not store Gaucho 480 FL Insecticide above 35°C.

DISPOSAL OF CONTAINER:

FOR NON-RETURNABLE CONTAINERS:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.

FOR RECYCLABLE CONTAINERS:

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

- 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 RETURNABLE CONTAINERS:

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

FOR REFILLABLE CONTAINERS:

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

TRIPLE RINSE INSTRUCTIONS FOR CONTAINER DISPOSAL (FOR RECYCLABLE AND DISPOSABLE CONTAINERS ONLY): This container should be triple-rinsed prior to its disposal. The rinsate can be added to the seed treatment provided the total volume of water does not exceed 6 % of the container size. Add 1/3 of the rinse water to the container and swish the contents thoroughly. Empty the rinsate into the seed treater holding tank and repeat this process

two more times making sure the total volume of rinsate does not exceed 6%. Make sure rinsate is thoroughly mixed with seed treatment before treating. Close the container.

CAUTION: Do not dilute beyond 6% or excess seed wetness may result in seed handling difficulties. Using excess water can also cause Gaucho 480 FL to thin resulting in settling of solids in the product. Be sure to adjust the undiluted application rate up by 6% to compensate for the dilution of the product caused by the addition of rinsate.

DISPOSAL OF UNUSED, UNWANTED PRODUCT:

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.

Seed Quality: Treatment of highly mechanically damaged seed, or seed of known low vigour and poor quality may result in reduced germination and/or reduction of seed and seedling vigour. If seed lot quality is unknown, conduct a germination test on a small portion of seed before committing the total seed lot to a selected chemical treatment.

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.