



GROUP	7	M	FUNGICIDE
GROUP	4		INSECTICIDE

GAUCHO® CS FL

Gaicho CS FL is a systemic insecticide and fungicide seed treatment for early season protection of canola, mustard (condiment and oilseed types) and rapeseed seed and seedlings against flea beetles. For control of seed rot, damping off, seedling blight and early season root rot caused by *Pythium*, *Rhizoctonia* and *Alternaria* on canola, rapeseed and mustard (condiment and oilseed types). Also controls seed borne Blackleg of canola and rapeseed. For protection of seeds and emerging seedlings only.

COMMERCIAL

GUARANTEE:

Imidacloprid.....285.7 g/L
 Carbathiin..... 47.6 g/L
 Thiram.....95.3 g/L

REGISTRATION NO. 27174 PEST CONTROL PRODUCTS ACT



CAUTION

POISON

READ THE LABEL AND ATTACHED BOOKLET BEFORE USING

PROTECT FROM FREEZING

NET CONTENTS: 10, 100, 1000 litres

Product Information : 1-888-283-6847

BAYER CROPSCIENCE INC.
 100 – 3131 114th Avenue SE
 Calgary, Alberta T2Z 3X2

In case of spills, poisoning or fire, telephone emergency response number 1-800-334-7577 (24 hours a day).

GENERAL INFORMATION:

Gaicho CS FL is a systemic insecticide and fungicide seed treatment. The insecticide, imidacloprid is for early season protection of canola, mustard (condiment and oilseed types) and rapeseed seed and seedlings from flea beetles. In areas where flea beetle populations are often high, higher application rates of the insecticide, imidacloprid, are recommended.

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

Gaicho CS FL seed treatment contains the fungicides carbathiin and thiram. These fungicides control seed rot, damping off, seedling blight and early season root rot caused by *Pythium*, *Rhizoctonia* and *Alternaria* on canola, rapeseed and mustard (condiment and oilseed types). Also controls seed borne Blackleg of canola and rapeseed. For protection of seeds and emerging seedlings only.

DIRECTIONS FOR USE:

For use in commercial seed treatment facilities only. Not for use on agricultural establishments in hopper-box, slurry-box or other seed treatment applications at, or immediately before, planting. Mix thoroughly before use, or use entire container at one time. Gaicho CS FL seed treatment can be applied at 1400 to 2100 mL per 100 kg of seed. For areas where flea beetle populations are often high, tank mix Gaicho CS FL seed treatment with Gaicho 480 FL according to the directions in the table below.

MIXING INSTRUCTIONS PER 100 KG SEED:

Gaicho CS FL Application Rate	Imidacloprid Applied	Gaicho CS FL	Water	Total Mixture
1400 mL	400 g	1400 mL	84 mL	1484 mL
2100 mL	600 g	2100 mL	126 mL	2226 mL

TANK MIX WITH GAUCHO 480 FL:

Tank Mix Application Rate	Imidacloprid Applied	Gaicho CS FL	Gaicho 480 FL	Water	Total Mixture
1400 mL Gaicho CS FL plus 833.3 mL Gaicho 480 FL	800 g	1400 mL	833.3 mL	134 mL	2367.3 mL

Be sure to adjust the application rate up by 6% when diluting the product to triple rinse the container for disposal. Please refer to Triple Rinsing Instructions for rinsate instructions.

NOTE: Magna-Coat Products including Magna-Coat Colourant, Magna-Coat Polymer and MagnaBritener C are also available from Bayer CropScience. These products are recommended for use with Gaicho CS FL seed treatment and for tank mixes of Gaicho CS FL seed treatment and Gaicho 480 FL. For assistance please contact a Bayer CropScience representative.

Equipment used in seed treating plants can vary thus it is advised that a Bayer CropScience Technical Representative be contacted to discuss the use of Gaucho CS FL seed treatment in the intended seed treater prior to use. Recalibration of the seed drill may be required to obtain correct seeding rate before planting.

METHOD OF APPLICATION:

Storage of Gaucho CS FL seed treatment at low temperatures is not recommended. Prior to and during application, Gaucho CS FL seed treatment 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 CS FL seed treatment contains a Group 4 insecticide and Group 7 and M fungicides. Any insect or fungal population may contain individuals naturally resistant to Gaucho CS FL seed treatment and other Group 4 insecticides or Group 7 or M fungicides. Other resistance mechanisms that are not linked to the site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance management strategies should be followed. A gradual or total loss of pest control may occur over time if these insecticides/fungicides are used repeatedly in the same fields.

To delay insecticide/fungicide resistance:

- Where possible, rotate the use of Gaucho CS FL seed treatment or other Group 4 insecticides and Group 7 or M fungicides with different groups that control the same pests in the field.
- Use tank mixtures with insecticides/fungicides from a different group when such use is permitted.
- Insecticide/fungicide 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/fungal populations for resistance development.
- If fungal disease continues to progress after treatment, with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
- 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. 1-888-283-6847.

TRIPLE RINSING INSTRUCTIONS FOR CONTAINER DISPOSAL (FOR RECYCLABLE AND NON-RETURNABLE 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 volume. Use 2%

of the container size 3 times to triple rinse. Add the appropriate volume of 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% of the container size. Make sure rinsate is thoroughly mixed with seed treatment before treating. Replace the lids on the empty containers and deliver to an approved pesticide container collection site. If no site is available make the empty container unsuitable for further use. (See Disposal Section)

CAUTION: Do not dilute beyond 6% or excess seed wetness may result in seed handling difficulties. Using excess water can also cause Gaucho CS FL seed treatment 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.

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 or harvested from Gaucho CS FL seed treatment-treated seed must not be used for human consumption.
4. Treated canola, rapeseed or mustard (condiment and oilseed types) 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 CS FL seed protectant, which contains imidacloprid, carbathiin and thiram. Do not use for feed, food or oil processing. Store away from feeds and other foodstuffs.”

ENVIRONMENTAL PRECAUTIONS:

This product is highly toxic to birds and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present. Do not contaminate water when disposing of equipment wash waters. Cover or incorporate spilled treated seeds. Left over treated seed should be double-sown around the headland, or buried away from water sources.

PRECAUTIONS:

1. KEEP OUT OF REACH OF CHILDREN.
2. Harmful if swallowed, absorbed through skin or inhaled. Avoid breathing vapour or spray mist. When handling Gaucho CS FL seed treatment or Gaucho CS FL-treated seed, work in a well-ventilated area and wear chemical resistant gloves. Do NOT use leather or cloth gloves. DO NOT GET on skin.

3. Protective eyewear should be worn when handling this product. DO NOT GET into eyes. The operator is advised to wear goggles to protect eyes from possible splashing. In case of contact with eyes, flush immediately with running water for at least 15 minutes and seek medical attention.
4. Wear a suitable dust mask when handling Gaucho CS FL seed treatment or Gaucho CS FL-treated seed.
5. Because of possible unpleasant side effects, alcoholic beverages should be avoided for 24 hours before or after working with Gaucho CS FL seed treatment or treated seed.
6. Use good personal hygiene, washing hands and exposed skin with warm water and soap before eating, drinking or smoking. No food, drink or tobacco should be allowed in areas of chemical storage or use.
7. 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 website at: www.croplife.ca.

SYMPTOMS OF POISONING:

Skin contact may cause irritation and dermatitis. Alcohol intake within 24 hours of contact with thiram may cause flushing, sweating, headache and nausea.

TOXICOLOGICAL INFORMATION:

NOTE TO PHYSICIANS: Treat symptomatically. There is no specific antidote. If convulsions are present, DIAZEPAM is the anticonvulsant of choice. If reaction with alcohol occurs treat as disulfiram-alcohol reaction.

FIRST AID:

IF SWALLOWED: If ingestion is suspected, call a physician or Poison Control Centre IMMEDIATELY bringing the product label with you. Drink one or two glasses of water and INDUCE VOMITING by touching back of throat with finger or if available administer syrup of Ipecac (adult or child 12 years or older 30 mL; child under 12, 15 mL) followed by water to enhance vomiting. If vomiting does not occur in twenty minutes, repeat the dose once. Do not give anything by mouth or attempt to induce vomiting if person is unconscious.

IF IN EYES: Wash IMMEDIATELY with running water for 15 minutes. Obtain medical attention IMMEDIATELY.

IF ON SKIN: Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation persists. If signs of intoxication (poisoning) occur, get medical attention IMMEDIATELY.

IF INHALED: Remove victim to fresh air or uncontaminated area. If not breathing give artificial respiration. Get medical attention IMMEDIATELY.

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

STORAGE:

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

DISPOSAL:

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.

FOR NON-RETURNABLE CONTAINERS:

Do not reuse this container for any purpose. Before disposing of the container it should be triple rinsed. See section “TRIPLE RINSING INSTRUCTIONS FOR CONTAINER DISPOSAL”

1. Triple- or pressure-rinse the empty container. Add the rinsings to the mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to disposal.
3. Make the empty, rinsed 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 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 use this container for any other purpose.

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. The user assumes the risk to persons or property that arises from any such use of this product.

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