





**CONTENTS**

DIRECTIONS FOR USE.....2

WITHHOLDING PERIODS (WHP) .....3

EXPORT OF TREATED PRODUCE .....3

GENERAL INSTRUCTIONS .....3

Mixing.....3

Application .....3

Sowing of treated seed .....3

Seed quality .....3

Storage of treated seed .....3

INSECTICIDE RESISTANCE WARNING .....4

COMPATIBILITY .....4

PRECAUTIONS.....4

PROTECTION OF LIVESTOCK.....4

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT .....4

STORAGE AND DISPOSAL.....4

SAFETY DIRECTIONS.....4

FIRST AID .....4

SAFETY DATA SHEET .....4

EXCLUSION OF LIABILITY .....4

GHS STATEMENTS.....5



**POISON**  
**KEEP OUT OF REACH OF CHILDREN**  
**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

# Gaucho® 600

**RED FLOWABLE SEED TREATMENT INSECTICIDE**

**ACTIVE CONSTITUENT: 600 g/L IMIDACLOPRID**

**GROUP 4A INSECTICIDE**

**For the control of various insect pests in a range of crops, protection against insect pests of stored cereal grains and the prevention of spread of barley yellow dwarf virus in cereal crops, as specified in the DIRECTIONS FOR USE table**

## DIRECTIONS FOR USE

CROP	PEST	RATE	CRITICAL COMMENTS
Faba beans	Aphids	120 mL/100 kg of seed	Gaucho will protect seedlings from early season aphid infestation. Gaucho does not affect the viability of rhizobia when Gaucho is mixed with inoculant.
Field peas		60 mL/100 kg of seed	
Lentils		240 mL/100 kg of seed	
Canola	Aphids	400 mL/100 kg of seed	Gaucho will protect canola seedlings from early season aphid damage.
Lupins	Redlegged earth mite	300 mL/100 kg of seed	Gaucho will protect emerging seedlings for 3 -4 weeks after sowing. Crops must be monitored in the first 4 weeks of emergence to ensure Gaucho performance. For autumn sowing: After a pasture phase sow Gaucho treated seed following a well timed spring spray (prior to the development of diapause eggs) of Le-mat® 290 SL Insecticide. After a cropping phase a spring spray is not usually required, however if monitoring in spring finds moderate mite populations, a spring spray should be applied. For spring sowing: After a pasture phase apply a spray of Le-mat prior to sowing Gaucho treated seed. Gaucho does not affect the viability of rhizobia when Gaucho is mixed with inoculant and seed is sown immediately into a moist soil.
	Blue oat mite		
Cereals	Feeding damage caused by wheat aphid and corn aphid	120 or 240 mL/100 kg of seed	Use higher rate for increased length of control and in areas of high risk.
	Spread of barley yellow dwarf virus		In high risk areas with over 500 mm rain or moderate risk areas with over 400 mm rain in seasons following summer rains, a synthetic pyrethroid top-up spray should be applied 7 to 8 weeks after sowing.
	Protection against insect pests of stored grains: Granary weevil ( <i>Sitophilus granarius</i> ) Indian meal moth	120 mL/100 kg of seed	Gaucho will control insect pests during the storage of cereal grains to be used for seed only. Seed treated with Gaucho is not to be used for human consumption or animal feed.



CROP	PEST	RATE	CRITICAL COMMENTS
Cereals Continued	( <i>Plodia interpunctella</i> ) Lesser grain borer ( <i>Rhyzopertha dominica</i> ) Rice weevil ( <i>Sitophilus oryzae</i> ) Rust-red flour beetle ( <i>Tribolium castaneum</i> ) Sawtoothed grain beetle ( <i>Oryzaephilus surinamensis</i> ) Tropical warehouse moth ( <i>Ephestia cautella</i> )	Refer previous page	Refer previous page

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION**

**WITHHOLDING PERIODS (WHP)**

**Harvest**

Canola, cereals, faba beans, field peas, lentils & lupins: NOT REQUIRED WHEN USED AS DIRECTED

**Grazing**

Canola: DO NOT GRAZE OR CUT FOR STOCK FOOD WITHIN SIX WEEKS OF SOWING

Cereals: DO NOT GRAZE OR CUT FOR STOCK FOOD WITHIN NINE WEEKS OF SOWING

Faba beans, field peas, lentils & lupins: DO NOT GRAZE OR CUT FOR STOCKFEED WITHIN 16 WEEKS OF SOWING

**EXPORT OF TREATED PRODUCE**

Growers should note that MRLs or import tolerances do not exist in all markets for edible produce treated with Gaicho. If you are growing edible produce for export, please check with Bayer CropScience Pty Ltd for the latest information on MRLs and import tolerances before using Gaicho.

**GENERAL INSTRUCTIONS**

**Mixing**

Flowable formulations will settle over time. Prior to pouring or pumping Gaicho from the container, either shake container vigorously or operate pump by-pass to ensure thorough mixing of the contents. When preparing mixtures the following mixing order applies: flowable fungicides, coating agents (e.g. Peridiam) then Gaicho and stir until homogeneous. Add any emulsifiable liquid last whilst slowly stirring.

**Application**

Calibrate commercial seed treatment equipment to ensure the seed throughput is mixed with the correct dose of slurry seed treatment. Ensure the seed treatment mixture is applied to the maximum number of seeds when initially applied to the seed. Retain seed in mixing chamber until good seed to seed coverage is achieved. Do not overmix seed as a detrimental effect on treatment quality may result.

Use a range of 400 mL - 600 mL of total volume (e.g. Gaicho plus water) with each 100 kg of seed. Do not use a volume of more than 600 mL with each 100 kg of seed.

**Sowing of treated seed**

Check flow rate of seed through sowing machinery before sowing to ensure the desired seeding rate is achieved. Drilling for seed sowing is recommended.

**Seed quality**

Gaicho seed treatment should not be used on seed with more than 12% moisture content, or on sprung, sprouted, damaged or severely pinched seed, or seed of poor viability. If in doubt, have a germination test carried out on the seed before treatment to ensure that it is of acceptable standard. Treating with Gaicho as directed may raise the moisture level of the seed by up to 0.6%, depending on conditions at treatment.

**Storage of treated seed**

Do not store treated seed near foodstuffs or where likely to prove hazardous to humans or animals. If the seed is not used immediately after treatment it should be stored in a dry, well ventilated place. Although Gaicho has no effect on the viability of treated seed, subsequent germination can be adversely affected by poor storage conditions such as high moisture combined with high temperatures. No liability can therefore



be accepted for the performance of stored treated seed. Gaicho used as directed will have no effect on the storage life of treated sound seed.

**INSECTICIDE RESISTANCE WARNING**

<b>GROUP</b>	<b>4A</b>	<b>INSECTICIDE</b>
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For insecticide resistance management, Gaicho is a Group 4A insecticide. Some naturally occurring insect biotypes resistant to Gaicho and other Group 4A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Gaicho and other Group 4A insecticides are used repeatedly. The effectiveness of Gaicho on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Bayer CropScience accepts no liability for any losses that may result from the failure of Gaicho to control resistant insects. Gaicho may be subject to specific resistance management strategies. For further information contact your local supplier, Bayer CropScience representative or local agricultural department agronomist.

**COMPATIBILITY**

For information on the compatibility of Gaicho with other products, contact your local Bayer CropScience representative.

**PRECAUTIONS**

When treated seed is stored, it should be kept apart from other grain, and the bags or other containers should be clearly marked to indicate the contents have been treated with this product. Do NOT allow seed treated with this product to contaminate seed intended for human consumption. Do NOT use treated seed for human consumption. Bags which have held treated seed are not to be used for any other purpose.

**PROTECTION OF LIVESTOCK**

Seed treated with this product must not be used for animal consumption or poultry feed or mixed with animal feed. Do NOT allow seed treated with this product to contaminate seed intended for animal consumption.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

Highly toxic to aquatic and terrestrial life. Do NOT contaminate ponds, waterways and drains with this product, used containers or bags which have held treated seed. Do NOT feed treated seed or otherwise expose to wild or domestic birds. Any spillages of treated seed, however minor, must be cleaned up immediately, preferably by recovery and re-use. If disposal is required, ensure treated seeds are thoroughly buried and not accessible to birds and other wildlife.

**STORAGE AND DISPOSAL**

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

The method of disposal of the container depends on the container type. Read the STORAGE AND DISPOSAL instructions on the label that is attached to the container.

**SAFETY DIRECTIONS**

Harmful if swallowed. Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When opening the container and using the product, wear elbow-length PVC gloves. Wash hands after use. After each day's use, wash gloves.

**FIRST AID**

If poisoning occurs contact a doctor or Poisons Information Centre (telephone 13 11 26).

**SAFETY DATA SHEET**

Additional information is listed in the Safety Data Sheet, which can be obtained from [www.crop.bayer.com.au](http://www.crop.bayer.com.au).

**EXCLUSION OF LIABILITY**

This product must be used strictly as directed, and in accordance with all instructions appearing on the label and in other reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

Gaicho® is a Registered Trademark of the Bayer Group.

APVMA Approval No.: 52320/58491

FOR 24 HOUR SPECIALIST ADVICE IN EMERGENCY ONLY PHONE 1800 033 111
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**GHS STATEMENTS**

•Harmful if swallowed. •May cause an allergic skin reaction.  
•Avoid breathing spray mist. •Do not eat, drink or smoke when using this product. •IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell. Rinse mouth. •IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. •Wash contaminated clothing before reuse.