

Product Name: GENFARM CLOTHI-I INSECTICIDE
APVMA Approval No: 89924 / 126369



Label Name:	GENFARM CLOTHI-I INSECTICIDE
Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENT: 360 g/L CLOTHIANIDIN 240 g/L IMIDACLOPRID
Mode of Action:	GROUP 4A INSECTICIDE
Statement of Claims:	For the control of various insect pests in a range of crops, as specified in the DIRECTIONS FOR USE table
Net Contents:	5 L - 1000 L
Restrains:	
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	Harvest: NOT REQUIRED WHEN USED AS DIRECTED Grazing: Maize, sorghum, sweetcorn: DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 4 WEEKS AFTER SOWING

Grass pasture: DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 6 WEEKS AFTER SOWING
Canola, forage brassica, broadleaf pasture: DO NOT GRAZE OR CUT FOR STOCKFOOD FOR 8 WEEKS AFTER SOWING

Trade Advice:

General Instructions:

GENERAL INSTRUCTIONS

Pasture seed, canola, forage brassicas, summer crops

Mixing and seed treatment

Prior to pouring, shake container vigorously, then add the required quantity of GENFARM CLOTHI-I INSECTICIDE to sufficient water to give even coverage of the seed to be treated. Place seed in mixing equipment and rotate. Mix GENFARM CLOTHI-I INSECTICIDE with sufficient water to give even coverage of seed and spray onto seed. The quantity of water used for mixing will vary depending on type of equipment and type of seed, refer to Nutrien Ag Solutions for specific treatment information. Store treated seed under cover in cool, dry conditions. Do not treat seed with poor viability. Do not store treated seed near foodstuffs or where likely to prove hazardous to humans or animals. Do not carry over maize, sorghum, sunflower or sweet corn seed from one season to the next season. The insecticidal activity of GENFARM CLOTHI-I INSECTICIDE on the seed is maintained for a minimum of 12 – 18 months.

Flow rate: GENFARM CLOTHI-I INSECTICIDE treated seed may slow flow rate of seed. Check flow rate of seed through sowing machinery before sowing to ensure the desired seeding rate is achieved.

Seed quality

GENFARM CLOTHI-I INSECTICIDE seed treatment should only be used on high quality seed which meets or exceeds accepted seed quality parameters. Treating with GENFARM CLOTHI-I INSECTICIDE as directed may raise the moisture level of the seed by up to 1.5%, depending on conditions at treatment. The use of GENFARM CLOTHI-I INSECTICIDE mixed with water at recommended rates will have no effect on the storage life of treated sound seed.

Compatibility

GENFARM CLOTHI-I INSECTICIDE is compatible with Thiram, and P-Pickle T® Liquid Fungicidal Seed Dressing for use. Do not use more than 600 mL of total mixture /100 kg seed (i.e. GENFARM CLOTHI-I INSECTICIDE + Thiram or P-Pickle T plus water). After treating seed with a mixture of GENFARM CLOTHI-I INSECTICIDE and P-Pickle T allow seed to dry.

For information on the compatibility of GENFARM CLOTHI-I INSECTICIDE with other products, contact your local Nutrien Ag Solutions representative.

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 GENFARM CLOTHI-I INSECTICIDE 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.

Resistance Warning:

INSECTICIDE RESISTANCE WARNING GROUP 4A INSECTICIDE

For insecticide resistance management, GENFARM CLOTHI-I INSECTICIDE is a Group 4A insecticide. Some naturally occurring insect biotypes resistant to GENFARM CLOTHI-I INSECTICIDE and other Group 4A insecticides may exist through normal genetic variability

	<p>in any insect population. The resistant individuals can eventually dominate the insect population if GENFARM CLOTHI-I INSECTICIDE and other Group 4A insecticides are used repeatedly. The effectiveness of GENFARM CLOTHI-I INSECTICIDE on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Nutrien Ag Solutions Limited accepts no liability for any losses that may result from the failure of GENFARM CLOTHI-I INSECTICIDE to control resistant insects. GENFARM CLOTHI-I INSECTICIDE may be subject to specific resistance management strategies. For further information contact your local supplier, Nutrien Ag Solutions representative or local agricultural department agronomist.</p>
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Precautions:	<p>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.</p> <p>Re-handling Do not allow re-handling of treated seed unless wearing cotton overalls, over normal clothing, buttoned to the neck and wrist and chemical resistant gloves. Clothing must be laundered after each day's use</p>
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Protections:	<p>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.</p> <p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT Very toxic to aquatic life. DO NOT contaminate ponds, watercourses 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 seed are thoroughly buried and not accessible to birds and other wildlife.</p> <p>PROTECTION OF BEES AND OTHER INSECT POLLINATORS This product is highly toxic to bees. Pollinators can be exposed to treated seed dust when it is carried by air or when it is deposited onto flowering crops, flowering weeds or water. Very dry and windy conditions can favour dust transport. For planters that discharge dust into the air, including those using pneumatic vacuum seed metering devices, deflector equipment should be installed to reduce emission of dust and the potential for off-field deposit of dust onto flowering crops or flowering weeds. For planters that discharge dust into the air, DO NOT perform seeding operations under very dry or windy conditions.</p>
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Storage and Disposal:	<p>Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight.</p> <p>This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately.</p> <p>If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked</p>
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and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

Refillable Containers (11L, 1000 L)

Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

Safety Directions:

Harmful if swallowed. Harmful if inhaled. Avoid contact with skin. Do not inhale. When preparing the product for use and using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat and elbow-length chemical resistant gloves. If product on skin, immediately wash area with soap and water. Wash hands after use. After each day's use wash gloves and contaminated clothing.

First Aid Instructions:

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

First Aid Warnings:

DIRECTIONS FOR USE

CROP	PEST	RATE	CRITICAL COMMENTS
Canola, forage brassica	Wireworm	500 mL/ 100 kg seed	GENFARM CLOTHI-I INSECTICIDE will provide protection from wireworm for 3-4 weeks after sowing. GENFARM CLOTHI-I INSECTICIDE will not protect seedlings from heavy wireworm populations and under these conditions an alternative control option should be considered.
	Cutworm		GENFARM CLOTHI-I INSECTICIDE will provide protection from cutworm for 3-4 weeks after sowing.
	Aphids		GENFARM CLOTHI-I INSECTICIDE will provide protection from early season aphid damage for 3-4 weeks after sowing.
	Lucerne flea		Suppression only of lucerne flea.
	Redlegged earth mite		GENFARM CLOTHI-I INSECTICIDE will protect emerging seedlings from mite damage for 3-4 weeks after sowing. Monitoring should commence within this period to determine the need for supplementary control measures. Use GENFARM CLOTHI-I INSECTICIDE as part of an integrated mite management program which may include: For autumn sowing: After a pasture phase sow GENFARM CLOTHI-I INSECTICIDE treated seed following a well- timed spring insecticide spray (prior to the development of diapause eggs). After a cropping phase a spring insecticide spray is not usually required, however if monitoring in spring finds moderate mite populations, a spring insecticide spray should be applied. For spring sowing: At the end of a pasture phase monitor for mite activity and if necessary apply an insecticide spray prior to sowing GENFARM CLOTHI-I INSECTICIDE treated seed.
	Blue oat mite		
Maize, Sweet corn	Wireworm Cutworm Aphids	1.7 mL/ 1000 seeds	GENFARM CLOTHI-I INSECTICIDE will protect emerging seedlings from wireworm, cutworm and early season aphid damage for 3-4 weeks after sowing.
Sorghum	Wireworm Cutworm Aphids	500 mL/ 100 kg seed	GENFARM CLOTHI-I INSECTICIDE will not protect seedlings from heavy wireworm populations and under these conditions an alternative control option should be considered.
Sunflower	Wireworm Cutworm	500 mL/ 100 kg seed	
Pasture (grass and broadleaf)	Broadleaf pasture Lucerne flea Redlegged earth mite Blue oat mite Cutworm Grass pasture Lucerne flea Redlegged earth mite Blue oat mite Cutworm Yellowheaded pasture cockchafer, African black beetle	500 mL/ 100 kg seed	Suppression only of lucerne flea. GENFARM CLOTHI-I INSECTICIDE will protect emerging seedlings from mite damage for 3-4 weeks after sowing. Monitoring should commence within this period to determine the need for supplementary control measures. Use GENFARM CLOTHI-I INSECTICIDE as part of an integrated mite management program – see Critical Comments under canola and forage brassica. GENFARM CLOTHI-I INSECTICIDE will provide protection from cockchafer and African black beetle damage for 3-4 weeks after sowing. Ensure that sowing occurs in optimum conditions and be aware of paddock history to avoid sowing into high populations. GENFARM CLOTHI-I INSECTICIDE will not control heavy populations of cockchafers or African Black Beetle.

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