



Australian Pesticides &  
Veterinary Medicines Authority

Product Name: RENO 350 FS Insecticide Seed Treatment

APVMA Approval No: 95895/147487

Label Name:	RENO 350 FS Insecticide Seed Treatment
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENT: 350 g/L THIAMETHOXAM
Mode of Action:	GROUP 4A INSECTICIDE
Statement of Claims:	For treatment of Cereal crop seed for the control of Aphids and Wireworm, and Stored Grain Pests in stored cereal planting seed as per the Directions for Use
Net Contents:	CONTENTS: 1L – 1000L
Restraints:	DO NOT use treated seed for animal or human consumption
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	Cereals: HARVEST: NOT REQUIRED WHEN USED AS DIRECTED GRAZING: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 8 WEEKS AFTER PLANTING

Trade Advice:	
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General Instructions:	<p><b>GENERAL INSTRUCTIONS</b></p> <p><b>Application</b>  For best results, treat only seed of high germination and vigour. Treatment of highly mechanically scarred or damaged seed or seed known to be of low vigour and poor quality may result in reduced germination and/or reduction of seed and seedling vigour. Due to seed quality, crop or variety sensitivity, and seed storage conditions beyond the control of UPL Australia, no claims are made to guarantee the germination of seed or propagating material for all crop seed when treated with Reno 350 FS Insecticide Seed Treatment.</p> <p>Treatment in small lots by the farmer. May be applied by shaking with seed in a tin, enclosed drum, plastic bag or cement mixer.</p> <ol style="list-style-type: none"> <li>1. Premix RENO 350 FS with water to a total volume of not less than 5 mL nor more than 10 mL/kg seed.</li> <li>2. Apply solution to seed and vigorously mix for 1 to 2 minutes.</li> </ol> <p>Treatment of large seed lots by commercial seed treatment equipment.  For large scale seed treatment, the product should be applied diluted with water in specialised seed treatment equipment. As for all such seed treatments, a good flow and metering system for the initial prepared solution is important. Depending on the type of seed treatment equipment, it may be necessary to increase the recommended amount of water slightly in order to ensure an optimal flow of the solution and an even treatment of seed.</p> <p>Prepare the solution as follows;</p> <ol style="list-style-type: none"> <li>1. Fill the solution tank with the required volume of water and mix with the appropriate volume of RENO 350 FS. Total volumes of not less than 500 mL nor more than 1 L water/100 kg seed are recommended where RENO 350FS is applied alone. If additional seed treatments are applied in combination with RENO 350 FS a higher total application volume may be required to ensure even coverage of seed.</li> <li>2. Switch on the stirring system and stir.</li> </ol>
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Resistance Warning:	<p><b>INSECTICIDE RESISTANCE WARNING</b>  <b>GROUP 4A INSECTICIDE</b></p> <p>For insecticide resistance management RENO 350 FS Insecticide Seed Treatment is a Group 4A insecticide. Some naturally occurring insect biotypes resistant to RENO 350 FS Insecticide Seed Treatment and other Group 4 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if RENO 350 FS Insecticide Seed Treatment or other Group 4 insecticides are used repeatedly. The effectiveness of RENO 350 FS Insecticide Seed Treatment on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, UPL Australia Pty Ltd accepts no liability for any losses that may result from failure of RENO 350 FS Insecticide Seed Treatment to control resistant insects.</p> <p>RENO 350 FS Insecticide Seed Treatment may be subject to specific resistance management strategies. For further information contact your supplier, UPL Australia Pty Ltd representative or local agricultural department agronomist.</p> <p><b>Aphid Resistance Management</b>  When cereal seed has been treated with RENO 350 FS Insecticide Seed Treatment, the first foliar insecticide spray must be from a different insecticide group (i.e., not Group 4A).</p>
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Precautions:	<p>DO NOT allow treated seed to contaminate grain or other seed intended for animal or human consumption.</p> <p>DO NOT feed treated seed, or otherwise expose, to wild or domestic birds.</p>
Protections:	<p>Protection of Birds: Treated seed may be harmful to seed eating birds and should be properly sown and completely covered by soil. Excess seed is not to be left in areas accessible to birds. Any spillage of treated seed which occurs either during the seed treatment process or in field operations must be cleaned up immediately, preferably by recovery and re-use.</p> <p>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. Bags which have held treated seed should not be used for any other purpose.</p> <p><b>PROTECTION OF LIVESTOCK</b></p> <p>DO NOT feed treated seeds to animals, including poultry.</p> <p><b>PROTECTION OF HONEY BEES AND POLLINATORS</b></p> <p>Toxic to bees and other pollinators. Care must be taken to avoid drift onto adjacent areas. DO NOT plant treated seeds in case of strong wind.</p> <p>When opening the seed bags or during filling or emptying of the drilling machine, work up-wind to avoid dust exposure.</p> <p>When using a pneumatic vacuum drilling machine, the machine airflow with dust from treated seeds should be directed to the surface or into the soil, eg using deflectors.</p> <p>The use as a seed treatment will not damage bees and other pollinators if label recommendations are followed.</p> <p><b>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</b></p> <p>DO NOT contaminate streams, rivers or waterways with the product, used containers or bags which have held treated seeds.</p>
Storage and Disposal:	<p>Store in closed original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight.</p> <p><b>Non-refillable packs</b></p> <p>Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. 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 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.</p> <p><b>Refillable packs</b></p> <p>Empty contents fully into application equipment. Close all valves and return to point of sale for refill or storage.</p>
Safety Directions:	<p>Will irritate the skin. Avoid contact with skin. When opening the container and using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length PVC gloves. Wash hands after use. After each day's use, wash gloves and contaminated clothing.</p>
First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126, New Zealand 0800 764 766.</p>

First Aid Warnings:	
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## DIRECTIONS FOR USE

CROP	PEST	RATE	CRITICAL COMMENTS
Barley, Wheat,	<p><b>Control of aphids including</b> Wheat/Oat Aphid (<i>Rhopalosiphum padi</i>), Corn Aphid (<i>Rhopalosiphum maidis</i>), Green Peach Aphid (<i>Myzus persicae</i>)^, Cowpea Aphid (<i>Aphis craccivora</i>) Russian Wheat Aphid (<i>Diuraphis noxia</i>)</p> <p><b>Reduced spread of</b> Barley Yellow Dwarf Virus (BYDV), Cereal Yellow Dwarf Virus (CYDV)</p> <p><b>Control of wireworm including</b> False Wireworm (<i>Pterohelaeus</i> spp.), True Wireworm (<i>Agrypnus variabilis</i>)</p>	100 to 200 mL/ 100 kg seed	<p>RENO 350 FS will protect cereal seedlings from early season aphid feeding damage and damage caused by wireworm. Use the higher rate in areas where higher pest pressure is expected or a longer period of control is required.</p> <p>Protection of crops by early aphid infestation will reduce the spread of BYDV and CYDV. Crops should be monitored and sprayed as needed should there be later infestations by aphids.</p> <p>^Note: This use is subject to a CropLife resistance management strategy. Refer to <a href="http://www.croplife.org.au">www.croplife.org.au</a> for more information.</p>
Barley, Oats, Triticale, Wheat	<p><b>Control of adult insects and progeny in storage</b> Lesser Grain Borer (<i>Rhyzopertha dominica</i>), Rice Weevil (<i>Sitophilus oryzae</i>), Saw-toothed Grain Beetle (<i>Oryzaephilus surinamensis</i>), Flat Grain Beetle (<i>Cryptolestes ferrugineus</i>)</p> <p><b>Control of progeny of grain insects in storage</b> Rust Red Flour Beetle (<i>Tribolium castaneum</i>)</p> <p><b>Suppression of adult grain insects in storage</b> Rust Red Flour Beetle (<i>Tribolium castaneum</i>)</p>	30 mL/100 kg seed	<p>RENO 350 FS will provide protection from the listed stored grain pests for up to 9 months.</p> <p>RENO<sup>®</sup> 350 FS should be used as part of an integrated silo management plan. Grain intended for treatment should be of high quality and free of infestation.</p> <p>If adult Rust Red Flour Beetles were to be detected after cleaning, the bulk should be disinfested by an approved fumigation or other registered treatment before application of RENO<sup>®</sup> 350 FS.</p>

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