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

# EverGol® Energy

**SEED TREATMENT AND IN-FURROW FUNGICIDE**

**ACTIVE CONSTITUENTS: 76.8 g/L PROTHIOCONAZOLE**  
**61.4 g/L METALAXYL**  
**38.4 g/L PENFLUFEN**

**GROUP 3 | 4 | 7 FUNGICIDE**

**For the suppression or control of various diseases of wheat, barley, oats and triticale as specified in the DIRECTIONS FOR USE table**

## DIRECTIONS FOR USE

CROP	DISEASE	APPLICATION METHOD	RATE	CRITICAL COMMENTS
Wheat, barley, triticale, oats	Crown rot, natural field infestation ( <i>Fusarium pseudograminearum</i> ) – suppression	Seed treatment only	260 mL/ 100 kg seed	<p><b>Seed treatment only:</b> EverGol Energy is applied to seed prior to sowing. Ensure even coverage of seed.</p> <p><b>In-furrow application only:</b> Do NOT apply EverGol Energy to solid fertilizer. Apply in mixture with water, or another compatible in-furrow product or liquid fertilizer direct to the planting row.</p> <p>Refer to GENERAL INSTRUCTIONS – ‘Application’ for detailed application instructions. EverGol Energy seed treatment or in-furrow application should be used in conjunction with sound agronomic practices aimed at reducing crown rot inoculum levels.</p> <p>EverGol Energy will suppress crown rot and its symptoms. Suppression of crown rot by EverGol Energy is characterised by a reduction in seedling damping off, an increase in above ground biomass and reduced early leaf sheath browning. EverGol Energy in-furrow application will generally result in a lower level of crown rot suppression than when applied as a seed treatment at the registered rate.</p>
		In-furrow application only	300 mL/ha	
	Loose smut ( <i>Ustilago</i> spp.)	Seed treatment only	130 mL/ 100 kg seed	<p>EverGol Energy is applied to seed prior to sowing. Ensure even coverage of seed.</p> <p>Refer to GENERAL INSTRUCTIONS – ‘Application’ for detailed application instructions.</p>
Barley	Covered smut ( <i>Ustilago segetum</i> )		65 mL/ 100 kg seed	
Wheat	Flag smut, seed and soil borne ( <i>Urocystis agropyri</i> )		130 mL/ 100 kg seed	<p><b>Smut:</b> For control of smut, EverGol Energy should be applied as a seed treatment. In-furrow only treatments of EverGol Energy may not adequately control this disease.</p>
Wheat, barley	Fusarium head blight and crown rot, seed borne only ( <i>Fusarium</i> spp.) – suppression			<p><i>Critical comments continued on next page</i></p>



CROP	DISEASE	APPLICATION METHOD	RATE	CRITICAL COMMENTS
Wheat	White grain disorder ( <i>Eutiarosporella</i> spp.) – suppression		65 mL/ 100 kg seed	<p><b>Fusarium head blight and crown rot, seed borne only:</b> Treating seed infected with <i>Fusarium</i> spp. will reduce fungal colonisation on germinating seeds and consequently help reduce seedling blight and levels of crown rot inoculum in paddocks. EverGol Energy will <b>not</b> protect established plants from new infections at this rate. Refer to ‘Crown rot (<i>Fusarium pseudograminearum</i>), natural field infestation’ above for suppression of crown rot arising from field infection by <i>Fusarium</i> spp.</p> <p><b>White grain disorder:</b> Treating seed infected with <i>Eutiarosporella</i> spp. will reduce fungal colonisation on germinating seeds and consequently help reduce seedling blight caused by this pathogen. EverGol Energy will <b>not</b> protect established plants from new infections.</p>
Wheat	Common bunt ( <i>Tilletia</i> spp.)	Seed treatment only	65 mL/ 100 kg seed	EverGol Energy is applied to seed prior to sowing. Ensure even coverage of seed.
Wheat, barley, triticale, oats	Rhizoctonia root rot ( <i>Rhizoctonia solani</i> )	Seed treatment only	130 – 260 mL/ 100 kg seed	Refer to ‘GENERAL INSTRUCTIONS – ‘Application’ for detailed application instructions.
	Pythium root rot ( <i>Pythium</i> spp.)		100 mL/ 100 kg seed	<p><b>Common bunt:</b> For control of common bunt, EverGol Energy should be applied as a seed treatment. In-furrow only treatments of EverGol Energy may not adequately control this disease.</p> <p><b>Rhizoctonia:</b> Use the higher specified rates in situations conducive to greater risk of rhizoctonia root rot damage and/or higher yielding situations. EverGol Energy application via seed treatment should be used in conjunction with sound agronomic practices aimed at reducing rhizoctonia root rot levels. EverGol Energy will suppress rhizoctonia root rot and its symptoms. Suppression of rhizoctonia root rot by EverGol Energy is characterised by a reduction in root damage, an increase in root growth and an increase in above-ground biomass.</p> <p><b>Pythium:</b> EverGol Energy will suppress pythium root rot and its symptoms. Suppression of pythium root rot by EverGol Energy is characterised by a reduction in seedling damping off and an increase in above-ground biomass.</p>
	Pythium root rot ( <i>Pythium</i> spp.)	In-furrow application only	300 mL/ha	<p>Do NOT apply EverGol Energy to solid fertilizer. Apply in mixture with water, or another compatible in-furrow product or liquid fertilizer (refer to the compatibility section of the label) direct to the planting row.</p> <p>Refer to ‘GENERAL INSTRUCTIONS ‘Application’ for detailed application instructions.</p> <p>EverGol Energy will suppress pythium root rot and its symptoms. Suppression of pythium root rot by EverGol Energy is characterised by a reduction in</p>



CROP	DISEASE	APPLICATION METHOD	RATE	CRITICAL COMMENTS
				seedling damping off and an increase in above-ground biomass.

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

**WITHHOLDING PERIODS**

**Harvest: NOT REQUIRED WHEN USED AS DIRECTED**

**Grazing: DO NOT GRAZE OR CUT FOR STOCK FOOD PLANTS GROWN FROM TREATED SEED, OR GROWN IN AREAS TREATED VIA THE IN-FURROW APPLICATION METHOD, WITHIN 6 WEEKS OF SOWING**

**GENERAL INSTRUCTIONS**

**Seed treatment**

Seed should be graded and clean i.e. free of dust and other extraneous material. The presence of dust will result in substantial amounts of EverGol Energy adhering to the dust rather than the seed. This will result in patchy and uneven coverage of the seed potentially causing reduced disease control.

EverGol Energy should be mixed with water to give even coverage of seed. The quantity of water used for mixing will vary depending on type of equipment and quality of seed. A guide to the volume of mixture required for even coverage is 400 – 600 mL (i.e. EverGol Energy plus water) with each 100 kg of seed. Lower mixture volumes can be used where professional application equipment that provides excellent seed coverage is used by experienced operators. The mixture should be stirred gently on a regular basis. Only plant treated seed using equipment that buries seed in the soil.

**In-furrow application**

Liquid in-furrow/injection of EverGol Energy refers to application in a water mixture or liquid fertilizer plus water mixture placed within the sowing furrow. In-furrow application is commonly targeted 1 – 3 cm below or beside the seed. If applying with fertiliser, separation should be at least 2 cm or as recommended by the fertiliser supplier. Do not apply EverGol Energy to solid fertilizer. Check the output of all nozzles/drippers as recommended under calibration of in-furrow equipment.

**Calibration of in-furrow application equipment**

Check the output of all nozzles/drippers at the planned operating pressure using water first. Then use appropriate PPE equipment to check the output with EverGol Energy added to the liquid fertilizer plus water solution or to water (if no liquid fertilizer is used), to ensure the correct rate of fertilizer, water and fungicide are applied. Consistent repeatable output when mixing with liquid fertilizers may be improved by adding more water to increase output volume, however final calibration of each in-furrow outlet should be checked using the final dilution ratio (EverGol Energy in liquid fertilizer and water, or EverGol Energy in water only). The liquid solution should be applied in the same furrow as the seed, observing the separation distances indicated above.

**Mixing**

**Instructions when mixing EverGol Energy with water for in-furrow application**

Half fill the spray tank with clean water and/or liquid fertiliser and start agitation. Shake container several times to ensure EverGol Energy is fully in suspension. Add the required volume of EverGol Energy as recommended in the directions for use table. Continue agitation while filling the remainder of the tank. The mixture should be gently stirred with continuous agitation.

**Seed quality**

EverGol Energy 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 an acceptable standard.

Treating with EverGol Energy as directed will raise the moisture level of the seed by up to 0.6%, depending on weather conditions at time of treatment. The use of EverGol Energy mixed with water at recommended rates will have no effect on the storage life of treated sound seed.

**Storage of treated seed**

Treated seed may be held over for sowing in the following season. If the seed is not used immediately after treatment it should be stored in a dry, well ventilated place. Although EverGol Energy has no effect on the viability of treated seed, subsequent germination can be adversely affected by insect pest damage and poor storage conditions such as high moisture combined with high temperatures. No liability can therefore be



accepted for the performance of stored treated seed. For information on storing treated seed contact the Bayer Crop Science Technical Enquiry Hotline 1800 804 479 or your local Bayer Crop Science representative.

**Labelling of treated seed**

Label treated seed with the appropriate precautions using printed sacks, labels or bag tags.

**Cleaning up**

Equipment should be thoroughly cleaned with water. In the event of changing from this water based flowable formulation to a solvent-based liquid formulation, it is essential to rinse equipment with methylated spirits after thoroughly cleaning with water. If changing from a solvent based liquid to this water based flowable, thoroughly clean with methylated spirits then rinse with water. Failure to do so may result in clogging of equipment.

**Application equipment**

Rinse all equipment with clean water immediately after use and dispose of rinsings according to State/Territory legislative requirements.

**FUNGICIDE RESISTANCE WARNING**

GROUP	3	4	7	FUNGICIDE
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EverGol Energy is a member of DMI, phenylamide and carboxamide groups of fungicides. For fungicide resistance management the product is a Group 3, a Group 4 and a Group 7 fungicide. Some naturally occurring individual fungi resistant to the product and other Group 3, Group 4 and Group 7 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product and other Group 3, Group 4 and Group 7 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Bayer Crop Science accepts no liability for any losses that result from failure of this product to control resistant fungi.

**COMPATIBILITY**

When applied as a seed treatment EverGol Energy is compatible with Jockey® Stayer®, Baytan® T and Gaucho®. When applying EverGol Energy onto seed it is recommended that the total mixture (product + water) should be no more than 600 mL/100 kg seed. For the latest compatibility recommendations contact the Bayer Crop Science Technical Enquiry Hotline 1800 804 479 or your local Bayer Crop Science representative.

**PRECAUTION**

Do not use treated seed for human or animal consumption. Do not allow seed treated with this product to contaminate seed intended for human or animal consumption.

**Re-entry and re-handling**

Do not allow re-handling of treated seed until dry unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

When using for in-furrow treatment, do not enter treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

**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**

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product, used containers or bags which have held treated seeds. 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**

**Product and Original Container**

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

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.

**Treated Seed and Containers of Treated Seed**

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

**SAFETY DIRECTIONS**

May irritate the eyes. Avoid contact with eyes and skin. When preparing the product for use and using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow length chemical resistant gloves and impervious foot wear. Wash hands after each use. After each day's use, wash gloves and contaminated clothing.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone: Australia 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.

EverGol® Jockey® Stayer®, Baytan® and Gaucho® are Registered Trademarks of the Bayer Group.

APVMA Approval No.: 83953/117055

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

**GHS STATEMENTS**

•Suspected of causing cancer.  
•Do not handle until all safety precautions have been read and understood. •IF exposed or concerned: Get medical advice/attention. •Store locked up.