



EverGol[®] Energy

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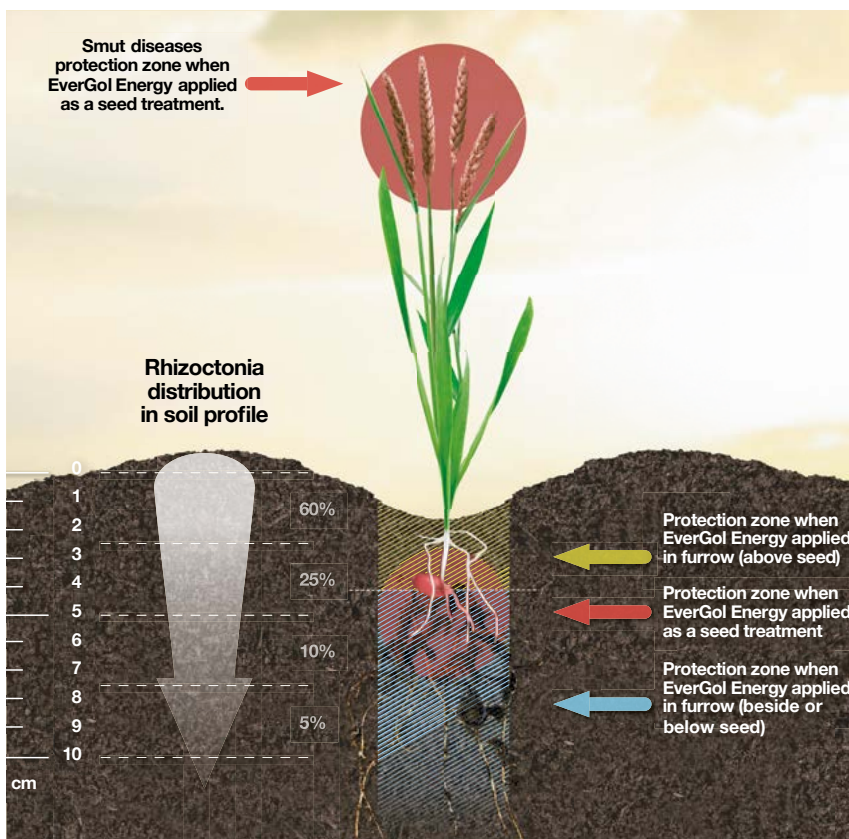
Split application techniques to improve rhizoctonia control

Benefits of split treatment use

- » Reduced disease severity – split applications are more efficient in reducing the impact of rhizoctonia than stand-alone seed or in-furrow treatments, as they provide better overall protection of the root zone
- » Crown and seminal root protection – split applications protect both the developing crown and seminal roots
- » Multiple application methods – operational flexibility.



Fig1. Evergol Energy plant protection zones



Multiple application methods

Combining an in-furrow application with a seed treatment or surface band of EverGol Energy will better protect the root system against rhizoctonia compared to standalone seed or in-furrow treatments.

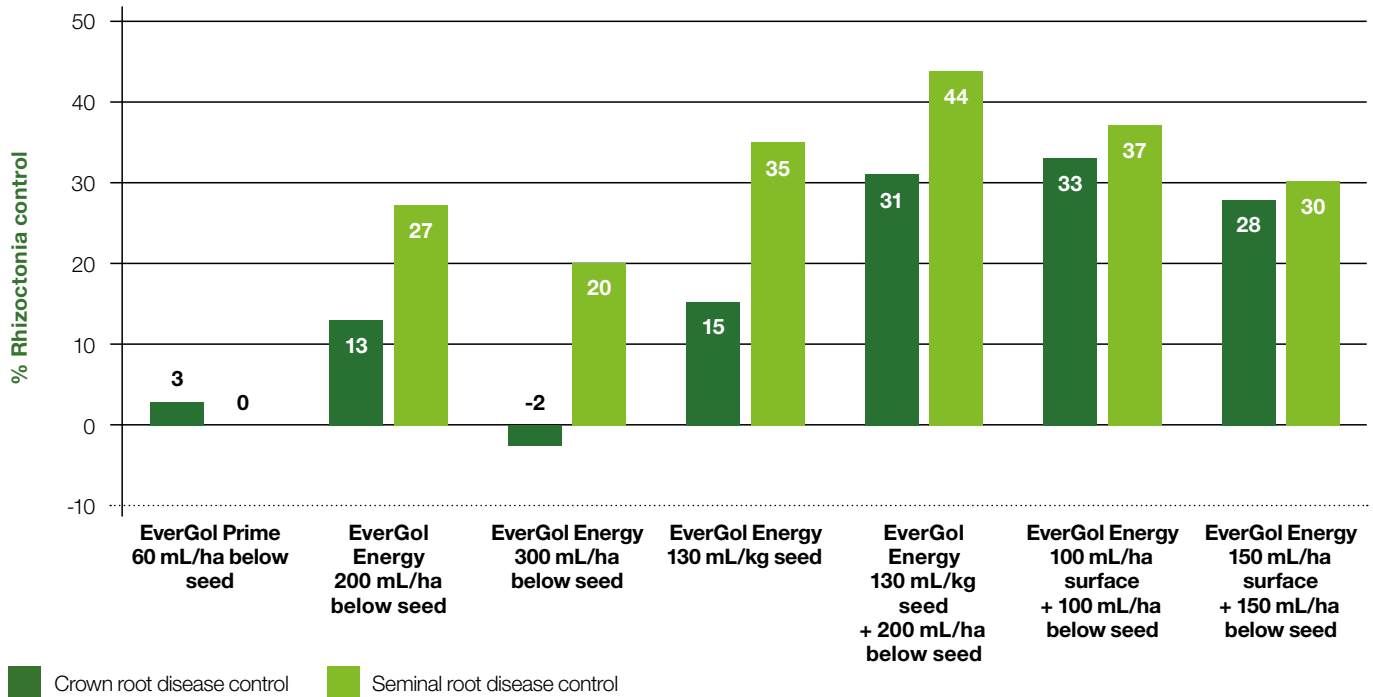
It is the only product available registered for the management of *Rhizoctonia solani* in cereal* crops by targeting rhizoctonia throughout the root profile. It can be applied above the seed as a surface band, as a seed treatment, and in-furrow beside or below the seed.

When used as a standalone seed treatment, EverGol Energy provides protection against a range of seed borne diseases and rhizoctonia. By adding an in-furrow application rhizoctonia suppression can be significantly improved.

*EverGol Energy is registered for use in wheat, barley, triticale and oats.



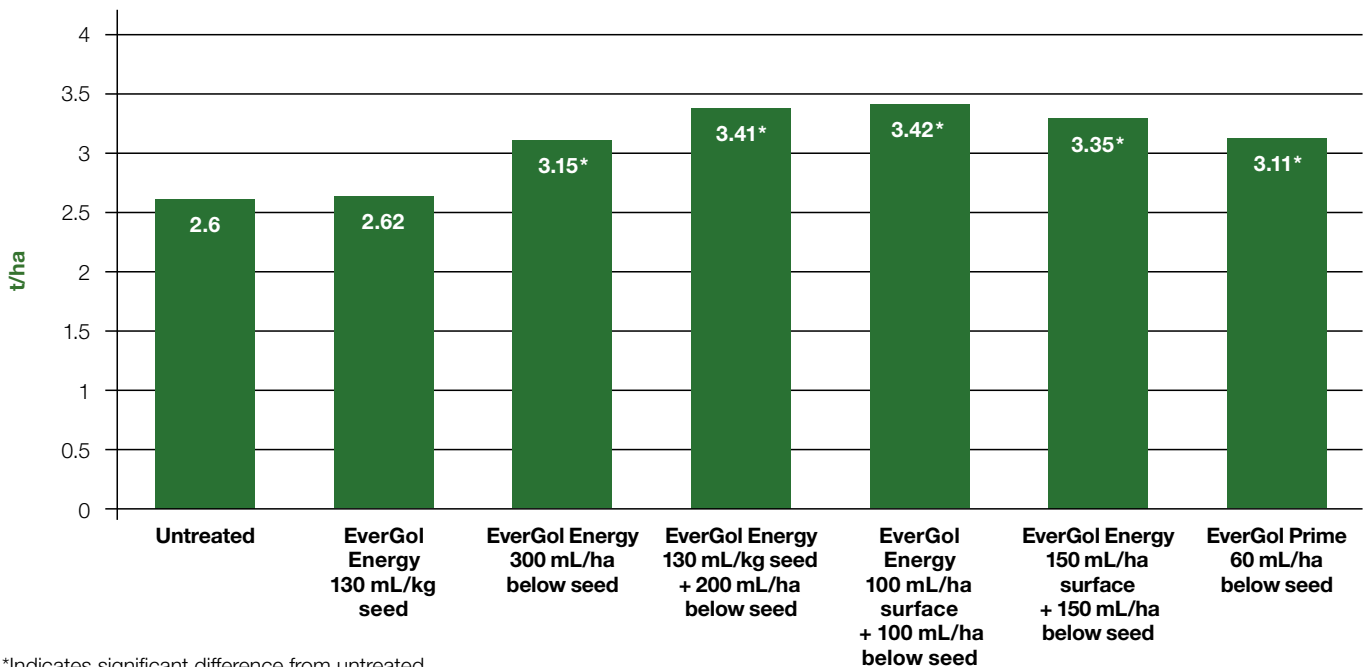
Split applications of EverGol Energy maximise rhizoctonia control



Meta data analysis of 3 trials

Trial ID: 17SA14, 17SA15, 17WA51

Split applications of EverGol Energy maximise yield in barley



Trial ID: 17WA51



Summary of in-furrow options**

Crop	Pest	Application method	Rate	Critical comments
Wheat, barley, triticale, oats	Crown rot, natural field infestation (<i>Fusarium pseudograminearum</i>) – suppression Pythium root rot (<i>Pythium</i> spp.)	In-furrow application only	300 mL/ha	<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.</p> <p>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>Refer to GENERAL INSTRUCTIONS – ‘Application’ for detailed application instructions.</p> <p>Do NOT apply EverGol Energy to solid fertiliser. Apply in a mixture with water, or another compatible in-furrow product or liquid fertiliser (refer to the compatibility section of the label) direct to the planting row.</p> <p>EverGol Energy in-furrow only application will generally result in a lower level of crown rot suppression than when applied as a seed treatment at the registered rate.</p> <p>EverGol Energy will suppress pythium 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>
	Rhizoctonia root rot (<i>Rhizoctonia solani</i>) – suppression	In-furrow application only	200-300 mL/ha	<p>EverGol Energy will suppress rhizoctonia root rot and its symptoms. Suppression is characterised by a reduction in root damage, an increase in root growth and an increase in above ground biomass.</p> <p>EverGol Energy seed treatment or in-furrow application should be used in conjunction with sound agronomic practices aimed at reducing rhizoctonia inoculum levels.</p> <p>Split-application methods combining an in-furrow application with a seed treatment or surface band will result in better overall protection of the root system and therefore better suppression of rhizoctonia root rot than standalone seed or in-furrow treatments at equivalent rates.</p> <p>Use the higher rates in situations conducive to greater risk of rhizoctonia root rot damage and/or higher yielding situations.</p> <p>Refer to GENERAL INSTRUCTIONS – ‘Application’ for detailed application instructions.</p>
	In-furrow application plus seed treatment	200 mL/ha in-furrow plus 130 mL/100 kg seed		
	In-furrow application plus surface band	100-150 mL/ha in-furrow plus 100-150 mL/ha surface band		

**Refer to EverGol Energy label for a complete guide to use.





EverGol Energy at a glance

In addition, EverGol Energy is registered for the control of smut diseases (including bunt in wheat) and pythium root rot. It also provides suppression of crown rot, fusarium head blight and white grain disorder. EverGol Energy contains three active ingredients; penflufen, which protects high performing root systems, prothioconazole and metalaxyl, which broaden activity against a range of seed and soil borne disease including smuts and bunt in wheat, rhizoctonia, pythium and crown rot.

Active ingredients	Prothioconazole 76.8 g/L, Group 3: DMI Metalaxyl 61.4 g/L, Group 4: Phenylamide Penflufen 38.4 g/L, Group 7: SDHI (Carboximide)
Crop usage	Wheat, barley, triticale and oats
Application Rate Summary*	<p>Seed treatment only: 65 – 260 mL/100 kg seed</p> <p>In-furrow only (beside or below seed): 300 mL/ha</p> <p>In-furrow + seed treatment: 200 mL/ha beside or below seed + 130 mL/100 kg seed</p> <p>In-furrow + surface band: 100 – 150 mL/ha beside or below seed + 100 – 150 mL/ha above seed</p>
Formulation	Flowable suspension for seed treatment (FS)
Pack sizes	10 L & 100 L

*Refer to the label for individual crop use recommendations.

Other key benefits of EverGol Energy

- » No restrictions in post-emergent fungicide application – there is minimal translocation of prothioconazole, metalaxyl and penflufen, so there are no restrictions on fungicide options for fungicide resistance management
- » Improved flexibility – EverGol Energy is physically compatible with liquid fertilisers, including; Flexi-N®, UAN, Flexi-NS, Easy N®, Intake® Combi and Intake Hiload Gold for in-furrow applications
- » No delay in crop emergence – EverGol Energy has excellent crop safety.



www.crop.bayer.com.au

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