

Evaluation Report for Category C, Subcategory 3.10 Application

Application Number: 2012-1751
Application: Tank-mixes
Product: EverGol Energy
Registration Number: 30364
Active ingredients (a.i.): Penflufen, prothioconazole, metalaxyl
PMRA Document Number: 2209210

Background

EverGol Energy was first registered in Canada on May 17, 2012. This seed treatment fungicide contains 38.4 g penflufen, 76.8 g prothioconazole and 61.4 g metalaxyl per litre. It is currently registered for control of various seed-borne and soil-borne diseases on cereals, corn and legume vegetables. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this Cat C.3.10 is to add one tank-mix partner, Allegiance FL, to the EverGol Energy label for control of early-season *Phytophthora* on soybean.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since application rates for the new use are within previously registered rates.

Value Assessment

EverGol Energy is registered at 65 mL/100 kg seed on soybean, which delivers 4.0 g metalaxyl/100 kg seed. The primary purpose of metalaxyl in this formulation is to control soil-borne diseases caused by *Pythium* spp. This rate is, however, insufficient for control of early-season *Phytophthora* on soybean. Consequently, a tank-mix of EverGol Energy at 65 mL/100 kg seed plus Allegiance FL (Reg. No. 26674) at 35 mL/100 kg seed is proposed to support the above claim.

The proposed tank-mix will deliver a total of 15.0 g metalaxyl/100 kg seed, which is equivalent to the low end of the registered metalaxyl rate range in Allegiance FL for control of early-season *Phytophthora* on soybean, i.e. 14.6–29.5 g metalaxyl/100 kg seed. The proposed application rate of metalaxyl in the tank-mix is consistent with the currently registered use pattern for metalaxyl (Allegiance FL) for control of early-season *Phytophthora* on soybean. This tank-mix will allow growers to adjust their application rate depending on their plant protection needs.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to add the tank-mix partner Allegiance FL to the EverGol Energy label for control of early-season *Phytophthora* on soybean.

References

- 2187356 2012, EverGol Energy, Reg. No. 30364: Tank-Mixture with Allegiance FL (Reg. No. 26674) for the Control of Early-Season Phytophthora in Soybean, DACO: 10.1,10.2.2,10.2.3.1,10.2.3.3(D)

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