

## Evaluation Report for Category B, Subcategory 4.6 Application

**Application Number:** 2014-4409  
**Application:** Fulfill conditions of registration on a product with full registration  
**Product:** EverGol Xtend C Seed Treatment Fungicide  
**Registration Number:** 31404  
**Active ingredients (a.i.):** Penflufen and Trifloxystrobin  
**PMRA Document Number :** 2518360

### Background

EverGol Xtend C Seed Treatment Fungicide (Registration Number 31404; guarantee 154 g/L penflufen and 154 g/L trifloxystrobin) was first granted a full registration for use in Canada in 2014. The conditions of full registration included confirmatory field trials to support certain pest/crop combinations.

### Purpose of Application

The purpose of this application was to address conditions of full registration for the end-use product EverGol Xtend C Seed Treatment Fungicide.

### Chemistry, Health and Environmental Assessments

Chemistry, health and environmental assessments were not required for this application.

### Value Assessment

A total of five efficacy trials on lentil conducted in Saskatchewan in 2012 and 2013 were submitted to address conditions of registration for the control of seed rot and post-emergence damping-off caused by *Botrytis cinerea* on beans, peas, and soybean. Under apparently low levels of disease pressure, the combination of penflufen and trifloxystrobin provided statistically significant reductions in seedling blight of up to 93%. In addition, trifloxystrobin alone showed high levels of efficacy that were comparable to the combination treatment.

One efficacy trial on alfalfa conducted in Saskatchewan in 2010 was also submitted to address the conditions of registration for the claim of control of seed rot caused by *B. cinerea* on alfalfa. Disease pressure was high. Twenty one days after first emergence, the seedling population in the combination treatment containing penflufen and trifloxystrobin was nearly three-folds higher than in the inoculated control population.

The results from efficacy trials are determined to be sufficient to fully address the conditions for registration of these two claims on the EverGol Xtend C Seed Treatment Fungicide product label.

## Conclusion

The PMRA has completed a review of the information provided in support of EverGol Xtend C Seed Treatment Fungicide and determined that it satisfactorily addressed all conditions of full registration.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
2461790	2014, Penflufen Fungicide. Conditions of Registration for EverGol Xtend & EverGol Xtend C. DACO 10.2.3.1, 10.2.3.3

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