Health Canada Santé Canada

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: **2016-0530**
Application: New or Changes to Product Labels – New pests
Product: Switch 62.5 WG Fungicide
Registration Number: 28189
Active ingredients (a.i.): Cyprodinil (CYP) + fludioxonil (FLD)
PMRA Document Number : 2631115

Background

Switch 62.5 WG Fungicide is a broad-spectrum fungicide in a wettable granule formulation that contains the active ingredients cyprodinil and fludioxonil. It is currently registered in Canada for the control or suppression of certain fungal diseases on many crops, including vegetables, grapes and berries.

Purpose of Application

The purpose of this application is to expand the registration of Switch 62.5 WG Fungicide for the control of white mold on Crop Group 1B, and for the control of *Cylindrocarpon* and *Rhizoctonia* on ginseng at the rates of 775 – 975 g/ha.

Chemistry, Health and Environmental Assessment

A chemistry assessment was not required since there was no change to product chemistry. Health and environment assessments were not required since the use pattern remained unchanged.

Value Assessment

Scientific rationales were provided in support of the use claims. Switch 62.5 WG Fungicide is currently registered for the control of white mold on certain legume vegetables. The efficacy of each active ingredient in the Switch formulation was also confirmed against *Sclerotinia* diseases on various crops as reported in the USA. The value of Switch 62.5 WG on *Sclerotinia* white mold has been established.

It is also expected that Switch 62.5 WG will control rhizoctonia root rot and suppress cylindrocarpon root rot on ginseng with the proposed rates since fludioxonil is currently registered for these two diseases on ginseng at these rates. Although the contribution from cyprodinil against both root rot pathogens is unknown, while treating for other ginseng diseases listed on the label, Switch 62.5 WG will also provide control of rhizoctonia root rot and suppression of cylindrocarpon root rot if present. If only treating for *Rhizoctonia* and/or *Cylindrocarpon*, the growers should use Scholar 50WP or other fungicides registered for the targeted diseases.

Canada

The registration of these new uses will provide Canadian growers with a new end use product to manage these important diseases on root vegetables and ginseng.

Conclusion

Based on scientific rationales and the weight of evidence, the claims of control of white mold on root vegetables (Crop Group 1B) and rhizoctonia root rot on ginseng are supported. A claim of suppression of cylindrocarpon root rot on ginseng is also supported.

References

2604012 2016, Efficacy Summary, DACO: 10.2.3.1
2611870 2016, Value summary, DACO: 10.2.3.1

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