Health Canada Santé Canada

Evaluation Report for Category B, Subcategory 3.9, 3.10, 3.11 Application

Application Number: 2022-0387
Application: New or Changes to Product Labels – Level of control, new pest and tank mixes
Product: Evito 480 SC Fungicide
Registration Number: 30408
Active ingredients (a.i.): Fluoxastrobin
PMRA Document Number: 3363851

Background

Evito 480 SC Fungicide is a broad-spectrum foliar fungicide containing 480 g/L fluoxastrobin as the active ingredient. It is registered for use on wheat (spring, durum and winter), barley, triticale, rye, oat, rapeseed/canola (Crop Subgroup 20A), dried shelled pea and bean (Crop Subgroup 6C), corn (field, seed and sweet), soybean, potato, tomato, pepper and strawberry to control or suppress various fungal diseases.

Purpose of Application

The purpose of this application is to amend the label of Evito 480 SC Fungicide: 1) to upgrade the claim for septoria leaf blotch on wheat when used at the high label rate of 292 mL/ha applied twice at a 14- to 21-day interval; 2) to add the claim of control of black dot on potato when used according to the existing label directions of 278 mL/ha; and 3) to add a new tank mix partner for resistance management of late blight and for control of early blight on potato.

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, including host crop, application rates and timings, of the component product remained unchanged.

Value Assessment

Results from 12 field trials (six on wheat and six on potato) conducted in Canada (AB, MB and ON), the U.S., and Poland in 2008 - 2020 were submitted in support of the proposed use claims. The efficacy results from field trials confirmed that two applications of Evito 480 SC Fungicide at a rate of 292 mL/ha controlled septoria leaf blotch on wheat, and at the labelled rate of 278 mL/ha controlled black dot on potato.

Canada

A new tank mix fungicide on potato is added to the Evito 480 SC Fungicide label based on the current registration and the use history information submitted. The registration of these new uses will provide Canadian growers with more options to manage these diseases in their fungicide spray programs for wheat and potato.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found the information sufficient to support the following claims on the Evito 480 SC Fungicide label:

1) Control of septoria leaf blotch on wheat when used at 292 mL/ha applied twice at a 14- to 21-day interval;
2) Control of black dot on potato when used according to the existing label directions of 278 mL/ha; and
3) Addition of a new tank mix partner with Evito 480 SC Fungicide for resistance management of late blight and for control of early blight on potato.

References

3314392 2022, Summary of Value for Upgrade from Suppression to Control for *Septoria* on Wheat and addition of Black Dot of Potato to the Evito 480 SC Fungicide Label, DACO: 10.1, 10.2.1,10.2.2,10.2.3,10.2.3.1,10.2.3.3(D),10.2.4,10.3,10.3.2(B),10.3.3,10.4,10.5.1,10.5.2, 10.5.3,10.5.4,10.5.5

3314394 2015, Evito Marketing Comparison, DACO: 10.2.3.3(D)

3314395 2015, Evito Marketing Comparison, DACO: 10.2.3.3(D)

3314396 2020, F1179aa / Efficacy / Wheat, DACO: 10.2.3.3(D)

3314397 2019, 2021 PPA Manitoba, DACO: 10.2.3.3(D)

3314398 2020, S1671aa / Efficacy / Wheat., DACO: 10.2.3.3(D)

3314399 2014, To evaluate the efficacy of 2 formulations ARY-0569-002 and ARY-0569-003 at 3 dose rates against foliar diseases on wheat., DACO: 10.2.3.3(D)

3314400 2020, F1179aa / Efficacy - Black Dot / Potato., DACO: 10.2.3.3(D)

3314401 2020, F1179aa / Efficacy - Black Dot / Potato., DACO: 10.2.3.3(D)

3314402 2020, S1671aa / Efficacy / Wheat., DACO: 10.2.3.3(D)

3314403 2008, Evito fungicide efficacy trials for *Rhizoctonia solani* and *Colletotrichum coccodes*, Othello WA 2008., DACO: 10.2.3.3(D)

3314406 Jason Ingram & Thomas F. Cummings & Dennis A. Johnson, 2011, Response of *Colletotrichum Coccodes* to Selected Fungicides Using a Plant Inoculation Assay and Efficacy of Azoxystrobin Applied by Chemigation, DACO: 10.2.3.3(D)

3314407 2021, 2021 PPA Manitoba, DACO: 10.2.3.2(D),10.2.3.3(D)

3314408 2021, FIELD DEVELOPMENT DATA SUMMARY (History of Use), DACO: 10.2.4