

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2014-4124/2014-4147/2014-4161
Application: New or Changes to Product Labels – New pests
Product: Caramba Fungicide
Registration Number: 29767
Active ingredients (a.i.): Metconazole (GHA)
PMRA Document Number: 2497443

Background

Caramba Fungicide is a broad-spectrum fungicide that contains the active ingredient metconazole. It is currently registered in Canada for the control or suppression of certain leaf diseases in cereal grains including barley, wheat, triticale, oats and rye; for control of Asian soybean rust in soybean; and for control of cercospora leaf spot in sugar beets.

Purpose of Application

The purpose of this application is to expand the registration of Caramba Fungicide for the control of powdery mildew and stripe rust in barley, rye and wheat; and stem rust and septoria glume blotch in wheat at the rates of 0.5 – 0.7 L/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

Value information that includes benefit information, scientific rationales and results of 30 efficacy trials conducted in Canada and in the USA were reviewed to support the use claims. Overall, Caramba Fungicide demonstrated an acceptable level of disease control for powdery mildew, stem rust, and stripe rust and septoria / stagonospora leaf blotch in specific cereal grains. The efficacy of Caramba was comparable to that achieved by commercial standards (i.e., Folicur, Headline EC, Prosaro or Tilt) in the same field trials.

Although Caramba is not identified as a priority in the Canadian Grower Priority Database (CGPD), powdery mildew in barley and wheat is identified in the CGPD as intermediate priorities, especially in areas where barley and wheat are grown under irrigation or under high humidity. The registration of these new uses will provide Canadian growers with a new product to manage these important diseases.

Conclusion

The supporting evidence confirmed the value of Caramba Fungicide on the control of powdery mildew and stripe rust in barley, rye and wheat; and stem rust and septoria glume blotch in wheat. All claims are supported as proposed.

References

2458577	2014, CARAMBA for Control of Leaf Diseases in Cereals (Label Expansion), DACO: 10.1
2458578	2014, Trials Conducted in Canada, DACO 10.2.3.2
2458579	2014, Trials Conducted in US, DACO 10.2.3.2

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