



Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2006-0136
Application: Category B, subcategory 3.12 (New site or host)
Product: Banner Maxx
Registration Number: 27003
Active ingredients (a.i.): Propiconazole at 14.3%
PMRA Document Number: 1394902

Background

Banner Maxx was first registered in January 4, 2002. It is currently registered for the control of dollar spot, anthracnose, red thread, brown patch, leaf spot and melting-out, summer patch, gray and pink snow mold, *Fusarium* patch, and yellow patch on turf. Banner Maxx was registered to replace Banner 130EC, which is no longer available. Banner 130EC had turf and ornamental uses on the label.

Purpose of Application

The purpose of this application was to amend the registration of Banner Maxx to add the use on ornamentals that was previously registered on the Banner 130EC label. The following diseases are being claimed: control of anthracnose on dogwood and maple; apple scab on crabapple, nonbearing apple and pyracantha; powdery mildew on roses, azalea and rhododendron; and black spot on roses. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the Banner Maxx product label.

Chemistry Assessment

A chemistry assessment was not required for this submission.

Health Assessments

The addition of nursery crops to the Banner Maxx Fungicide label fits within the existing use pattern for propiconazole. As such, no increase in exposure is expected for workers mixing/loading and applying or entering treated areas is expected.

Environmental Assessment

The addition of nursery crops to the Banner Maxx Fungicide label fits within the existing use pattern for propiconazole. Therefore, no increase in the environmental exposure is expected. The requested container size is not expected to have significant impact on the environment.

Value Assessment

A total of three bridging trials conducted in 2005 were submitted to confirm equivalence of Banner 130EC and Banner Maxx. Disease pressure was very low or failed to develop in the test plants so no meaningful comparisons among the treatments could be made. One bridging trial on ornamentals with adequate disease pressure was identified as a deficiency.

In response, the applicant provided a rationale. While the bridging trials were not able to demonstrate product equivalence due to low disease pressure, it did confirm that Banner Maxx was not phytotoxic to the tested ornamentals. Based on the applicant's explanation about the formulation change, the efficacy of Banner Maxx is expected to be comparable to, or better than, Banner 130EC. In addition, various diseases on many different plant species are controlled by Topas (Reg. No. 24030), Tilt (Reg. No. 19346) and Alamo (Reg. No. 25798) which contain the same active ingredient, propiconazole. Since equivalence of the two formulations had been demonstrated with certain turf diseases and since product failure on ornamentals has not been reported in the US for Banner Maxx, it can be expected that Banner Maxx would be effective on anthracnose, apple scab, black spot and powdery mildew on ornamentals.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Banner Maxx to add the claim for anthracnose, apple scab, powdery mildew and black spot for certain ornamentals.

References

PMRA # 1337675. Rationale to add nursery crops to the Banner Maxx Fungicide label. November 24, 2006. Syngenta Crop Protection Canada. Unpublished. 2 pp.

PMRA # 1384897. Letter: Jim Chaput to Pierre Beauchamp. August 16, 2006. 2 pp.

ISSN: 1911-8082

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