

Evaluation Report for Category B, Subcategory 3.11 and 3.12 Application

Application Number: 2011-1686
Application: New or Changes to Product Labels-New Pests, New Site or Host
Product: Alias 240 SC Systemic Insecticide
Registration Number: 28475
Active ingredients (a.i.): Imidacloprid (IMI)
PMRA Document Number: **2262022**

Background

Alias 240 SC Systemic Insecticide is an agricultural product containing the active ingredient, imidacloprid, formulated as a suspension. Alias 240 SC Systemic Insecticide was first registered on November 20, 2006, for use as an insecticide on various terrestrial food and feed crops by soil or direct applications and for potato pieces treatment.

Purpose of Application

The purpose of this application was to add the claim of protection against wireworm in/on wheat (durum, spring, winter), barley and oats, in addition to adding soybean aphid, bean leaf beetle, seedcorn maggot and wireworm control in/on soybeans to the Alias 240 SC Systemic Insecticide label.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

The addition of new pests and crops to the product label for Alias 240 SC Systemic Insecticide does not impact the toxicological profile of this product.

A qualitative human health risk evaluation was completed for Alias 240 SC Systemic Insecticide, as a seed treatment on cereals and soybeans. Worker exposure is not expected to increase over the exposure from the currently registered products containing imidacloprid provided that personal protective measures are adhered to.

No new food residue data were submitted to support the amendment of the Alias 240 SC Systemic Insecticide label. Based on previously submitted and reviewed field trial data, the requested label amendments will not have any impact on the expected magnitude of imidacloprid residues in/on wheat (durum, spring, winter), barley, oats, and dry soybeans.

Residues of imidacloprid will be covered by the established MRLs (EMRL 2011-51) in/on cereals (CG 15), and by the proposed MRL (PMRL2010-63) in/on dry soybeans. Therefore, the dietary exposure to cereals and soybeans treated with Alias 240 SC Systemic Insecticide will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

No increase in environmental risk is expected for the active ingredient imidacloprid from the use of Alias 240 SC Systemic Insecticide as a seed treatment on wheat (durum, spring, winter), barley, oats and soybeans.

Value Assessment

The information on file and rationales supported the addition of the following to the label of Alias 240 SC Systemic Insecticide: control of wireworms on cereals (wheat (durum, spring and winter)), control of soybean aphid, bean leaf beetle, seedcorn maggot and wireworms on soybeans, as well the following tank mixtures: Raxil T Fungicide or Raxil MD Seed Treatment Fungicide for cereals, and Apron Maxx RTA Seed Treatment Fungicide or 100 Apron Maxx RFC Seed Treatment Fungicide for soybean. The supported rates are 40-125 mL product/100 kg seed for cereals (wheat (durum, spring, winter), barley, oats) and 260-520 mL product/100 kg seed for soybeans.

Conclusion

The PMRA has conducted a review of the available information and has determined that the addition of wireworm in/on wheat (durum, spring, winter), barley and oats, and soybean aphid, bean leaf beetle, seedcorn maggot and wireworm control in/on soybeans to the Alias 240 SC Systemic Insecticide label is acceptable.

References

None

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