Evaluation Report for Category B, Subcategory 2.3, 2.4 Application

Application Number: 2013-1644
Application: B.2.3 (Product chemistry – identity of formulants)
B.2.4 (Product chemistry – proportion of formulants)
Product: Albaugh 2,4-D Amine 600
Registration Number: 31332
Active ingredients (a.i.): 2,4-D (present as amine salts)
PMRA Document Number : 2302279

Purpose of Application

The purpose of this application was to register a new end-use product, Albaugh 2,4-D Amine 600 based on the precedent registered product, IPCO 2,4-D Amine 600 (Reg. No. 17511). This product is used for post-emergence weed control in small grain cereals, field corn, forage sorghum, forage millet, established pastures & rangeland, grass crops for forage & seed production, asparagus, strawberries, raspberries, cranberries, bearing fruit trees, turf, golf courses, established fairways, lawns, parks, stubble land, roadsides and uncropped land.

Chemistry Assessment

Albaugh 2,4-D Amine 600 is formulated as a solution containing 2,4-D present as dimethylamine salt at a nominal concentration of 560 g/L. This end-use product has a density of 1.160 g/mL and pH of 6.90. The chemistry requirements for this product have been fulfilled.

Health Assessments

Albaugh 2,4 D Amine 600 is toxicologically equivalent to the precedent product, subsequently no toxicological data were submitted or requested.

The proposed uses of Albaugh 2,4-D Amine 600 fits within the registered use pattern for 2,4-D (present as dimethylamine salt) . The potential exposure for mixers, loaders, applicators and postapplication re-entry workers is not expected to exceed the current exposure to registered products provided all label statements, precautions and directions are followed.

No new residue data were submitted in support of the registration of the new end-use product Albaugh 2,4-D Amine 600 for use on wheat, barley, rye, field corn, forage sorghum, forage millet, established pastures, rangeland (without legumes), grass crops for forage and seed production, stubble land, roadsides, uncropped land turf, established fairways, golf courses, lawns, parks, asparagus (in Eastern Canada), strawberries (in Eastern Canada), raspberries (in Eastern Canada), cranberries and bearing fruit trees (apple, peach, pear, plum, apricot, sweet and sour cherry). Residue data on file are adequate to support the uses. The registration of Albaugh

2,4-D Amine 600 is not expected to have an impact on dietary exposure to 2,4-D and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The uses, application rates and mitigative measures (including spray buffer zones for ground and aerial application) for Albaugh 2,4-D Amine 600 are the same as the registered product. On this basis, there is no additional environmental risk expected with the use of the proposed Albaugh 2,4-D Amine 600.

Value Assessment

It is anticipated that the performance of Albaugh 2,4-D Amine 600 would be agronomically equivalent to the cited precedent product IPCO 2,4-D Amine 600 based on the similarity of the two products.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, Albaugh 2,4-D Amine 600, and has found the information sufficient to support post-emergence weed control in small grain cereals, field corn, forage sorghum, forage millet, established pastures & rangeland, grass crops for forage & seed production, asparagus, strawberries, raspberries, cranberries, bearing fruit trees, turf, golf courses, lawns, parks, stubble land, roadsides and uncropped land.

References

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