



Evaluation Report for Category B, Subcategory B.4.1 Conversion or Extension to Ltd or Term-Conversion Application

Application Number: 2005-3965
Application: Evaluation Report for Category B, Subcategory B.4.1 Conversion or Extension to Ltd or Term-Conversion
Product: Marks 2,4-D 2EH 564
Registration Number: 27859
Active ingredients (a.i.): 2,4-D present as ethyl hexyl ester at 564 g a.i./L
PMRA Document Number: 1402870

Background

Marks 2,4-D 2EH 564 has been registered since February 28, 2005. Marks 2,4-D 2EH 564 is registered for control of broadleaf weeds in wheat, barley, rye (not underseeded with legumes), fall rye, winter wheat, field corn, Grass crops (forage and seed production), established pastures and rangeland (without legumes), asparagus (Eastern Canada only), cranberry, strawberry (Eastern Canada only), raspberries (Eastern Canada only), bearing fruit trees (apple, peach, pear, plum, apricot, sweet and sour cherry) and noncrop areas. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Marks 2,4-D 2EH 564 was granted a conditional registration. The reason for conditional registration was insufficient data to support aerial application.

Purpose of Application

The purpose of this application was to convert the conditional registration to full registration.

Chemistry, Health and Environmental Assessment

The only remaining requirement to support Marks 2,4-D 2EH 564 for full registration was submission of value data to support aerial application. Chemistry, Health and Environmental assessments are already complete for this product.

Value Assessment

The value information provided in support of this application consisted of 4 trials conducted in 2005 over 4 locations in the prairie provinces. In these trials, the performance of Marks 2,4-D 2EH 564 applied in a typical ground application water volume was compared to that applied in a typical aerial application water volume for five weeds and two crops.

A review of this information indicated the efficacy and crop tolerance of the subject product is comparable when applied with ground or aerial application equipment.

Conclusions

The PMRA has completed an evaluation of the subject application and has found the information sufficient to support the conversion of the conditional registration of Marks 2,4-D 2EH 564 to full registration status.

References

- PMRA #1102696. 10.1. Value Summary (2,4-D DMA 470 & 2,4-D 3EH 564). Latter, D.W. Report Date: 2005-12-01.
- PMRA # 1102298. Report No: W/B-1 Title: Evaluation of the Efficacy and Phytotoxicity of 2,4-D DMA 470 and 2,4-D 2EH 564 Applied at Aerial Application Rates, by Ground Sprayer. Author: Wright, B. Report Date: 2005-10-06 No. of Pages: 46.
- PMRA #1102299. Report No: W/B-2 Title: Evaluation of the Efficacy and Phytotoxicity of 2,4-D DMA 470 and 2,4-D 2EH 564 Applied at Aerial Application Rates, by Ground Sprayer. Author: McMillan, G. Report Date: 2005-10-21 No. of Pages: 27.
- PMRA # 1102300. Report No: W/B-3 Title: Evaluation of the Efficacy and Phytotoxicity of 2,4-D DMA 470 and 2,4-D 2EH 564 Applied at Aerial Application Rates, by Ground Sprayer (wheat and barley). Author: Vakulabharanam, V. Report Date: 2005-11-02. No. of Pages: 32.
- PMRA # 1102301. Report No: W/B-4 Title: Evaluation of the Efficacy and Phytotoxicity of 2,4-D DMA 470 and 2,4-D 2EH 564 Applied at Aerial Application Rates, by Ground Sprayer (wheat and barley). Author: Vakulabharanam, V. Report Date: 2005-11-02. No. of Pages: 26.

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