

Evaluation Report for Category C, Subcategory 3.11 Application

Application Number: 2006-3444, 2006-3446 and 2006-3447
Application: Evaluation Report for Category C, Subcategory 3.11
Product: Solution herbicide AC 299,263 120 AS (2006-3444), Herbicide Adrenalin SC (2006-3446), Herbicide Solo WDG (2006-3447) 26705 (2006-3444), 27879 (2006-3446), 25496 (2006-3447)
Registration Number: 26705 (2006-3444), 27879 (2006-3446), 25496 (2006-3447)
Active ingredients (a.i.): Imazamox (sous forme de sel d'ammonium) à 120 g/L (2006-3444), Imazamox à 20 g/L et 2,4-D (sous forme de [2-éthylhexyl]ester) à 560 g/L (2006-3446), Imazamox à 70 % e.a (2006-3447).
PMRA Document Number: 1383277

Background

Imazamox is registered as an aqueous solution (AC 299,263 120 AS) and as a wettable dispersible granule (Solo WDG). The imazamox 120AS formulation is also a component of the registered premix product Adrenalin SC, which also contains the herbicide 2,4-D ester. All products, AC 299,263 120 AS, Solo WDG, and Adrenalin SC, are registered for selective post-emergence grassy and broad-leaved weed control for use in the Prairie Provinces and Peace River region of British Columbia only. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this application was to amend the herbicide products AC 299,263 120 AS (PCP 26705; Sub. No. 2006-2925), Solo WDG (PCP 25496; Sub. No. 2006-2924) and Adrenalin SC (PCP 27879; Sub. No. 2006-2921) to add control claims for volunteer canary seed (*Phalaris canariensis*) and barnyard grass (*Echinochloa crusgalli*) with an application rate of 20 g a.e./ha of imazamox.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since the only change to the use pattern was removal of the previously registered higher rate of 25 g a.i./ha and use of Impact Herbicide as the alone herbicide. The host crop and the application timing remain the same.

Value Assessment

Efficacy for volunteer canary seed and barnyard grass was visually assessed throughout the growing season in 3 single season trials conducted in Saskatchewan and Manitoba over two years. Data collected supported control claims for volunteer canary seed and barnyard grass.

Conclusions

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of the imazamox products; AC 299,263 120 AS, Solo WDG, and Adrenalin SC, to add control claims for volunteer canary seed and barnyard grass.

References

A. LIST OF STUDIES/INFORMATION SUBMITTED BY REGISTRANT

VALUE

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|--------------|---|
| PMRA 1247385 | Application for control of Canary Seed Grass (<i>Phalaris canariensis</i>) and Barnyard Grass (<i>Echinochloa crusgalli</i>) by AC 299,263 120 AS Herbicide Solution, Solo WDG Herbicide and Adrenalin SC Herbicide. Value Summaries: Reg. Doc #2006/7007087. |
| PMRA 1247387 | Raw Data. Application for control of Canary Seed Grass (<i>Phalaris canariensis</i>) and Barnyard Grass (<i>Echinochloa crusgalli</i>) by AC 299,263 120 AS Herbicide Solution, Solo WDG Herbicide and Adrenalin SC Herbicide. |

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