

Evaluation Report for Category B, Subcategory 3.1 Application

Application Number: 2023-4785
Application: New or Changes to Product Labels – Application Rate Increase or Decrease
Applicant: FMC of Canada Limited
Product: SZ-75 Herbicide
Registration Number: 33832
Active ingredient(s) (a.i.): 75% Sulfentrazone
PMRA Document Number : 3524059

Purpose of Application

The purpose of this application was to decrease the application rate of SZ-75 Herbicide for the control of lamb's-quarters, redroot pigweed and Powell (green) pigweed from 187 g/ha (140 g a.i./ha) to 140 g/ha (105 g a.i./ha).

Chemistry, Health and Environmental Assessment

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, or use pattern.

Value Assessment

The applicant submitted value information that included scientific rationales and data from small-scale efficacy trials conducted between 2021 and 2022 in Saskatchewan and Ontario. The value information demonstrated that an application of SZ-75 Herbicide at 140 g/ha (105 g a.i./ha) and applied as per label directions can be expected to provide acceptable control of lamb's-quarters, redroot pigweed and Powell (green) pigweed. The application rate reduction from 187 g/ha to 140 g/ha for the control of lamb's-quarters, redroot pigweed and Powell (green) pigweed is therefore supported.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the lower rate of 140 g/ha of SZ-75 Herbicide for the control of lamb's-quarters, redroot pigweed and Powell (green) pigweed.

References

- 3499769 2023, SZ-75 Herbicide (PCP 33832): Value Summary -Control of Lambs-quarters, Redroot Pigweed, and Powell Pigweed (Green Pigweed), DACO: 10.1, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.3.2, 10.4, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5
- 3499773 2023, Appendix Trial Reports - SZ-75 Herbicide - Add weeds at low rate, DACO: 10.2.3.3

3499785 2023, Authority 480 Herbicide (PCP 29012): Value Summary - Control of Lambs-quarters, Redroot Pigweed, and Powell Pigweed (Green Pigweed), DACO: 10.1, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.3.2, 10.3.3, 10.4, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5

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