



Evaluation Report for Category C, Subcategory 3.1 Application

Application Numbers: 2010-1866
Applications: Category C.3.1
Products: Liberty 150 SN Herbicide & Crop Desiccant MP
Registration Number: 24081
Active ingredients (a.i.): Glufosinate ammonium
PMRA Document Number : 1960351

Background

LIBERTY 150 SN Herbicide and Crop Desiccant MP provides control of a broad spectrum of grassy and broadleaf weeds in canola varieties and hybrids that are specially developed to be tolerant to glufosinate ammonium. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product labels.

Purpose of Application

The purpose of this application was to amend the registration of Liberty 150 SN Herbicide & Crop Desiccant MP to increase the maximum rate when applied in tank mix with Centurion or Select Herbicides, from 3.33 L/ha to 4.0 L/ha.

Chemistry Assessment

A chemistry assessment was not required as there was no change to product chemistry.

Health and Environmental Assessments

Health and environmental assessments were not required as the rate of 4.0 L/ha is presently labelled for use on glufosinate ammonium tolerant canola.

Value Assessment

The information provided for review including data and scientific rationales presented by Bayer CropScience Canada were reviewed and found to be supportive of the increase in the Liberty 150 SN Herbicide & Crop Desiccant MP rate when in tank mix with Select or Centurion Herbicide. The higher rate of Liberty 150 SN Herbicide & Crop Desiccant MP is registered for use on glufosinate-tolerant canola, and would not be expected to cause unacceptable crop injury at this rate when tank mixed with Select or Centurion Herbicides. Also, since the tank mix of Select or Centurion Herbicide is presently registered as a tank mix with Liberty 150 SN Herbicide & Crop Desiccant MP on glufosinate-tolerant canola, it is expected that the higher rate of Liberty 150 SN Herbicide & Crop Desiccant MP tank mixed with Select or Centurion Herbicide would be efficacious. The increase in rate acceptable from a VSAD perspective.

Conclusion

The Agency has completed an assessment of the subject application and has found the information sufficient to amend the registration of Liberty 150 SN Herbicide to allow a higher rate of 4 L/ha in tank mix with Select or Centurion Herbicide.

References

A. List of Studies/Information Submitted by Registrant

Value Assessment

PMRA No. 1189607 Part 10 Liberty Herbicide, AgrEvo Canada (1999), 269 pp.
PMRA No. 1901488 Libert 150 SN + Select or Centurion Herbicide Tank Mixture,
Bayer CropScience Canada (2010), 13 pp.

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