

Evaluation Report for Category B, Subcategory B.3.7, B.3.12 Application

Application Number: 2015-5261
Application: Changes to Product Label - Pre-Grazing Interval, New Site or Host
Product: Liberty 150 SN Herbicide
Registration Number: 28837
Active ingredients (a.i.): Glufosinate-ammonium
PMRA Document Number: 2681594

Purpose of Application

The purpose of this application was to amend the product label of Liberty 150 SN Herbicide to include application to glufosinate-ammonium tolerant soybeans in the Prairie Provinces and Peace River Region of British Columbia, and to add the grazing interval associated with the treated soybeans.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

The amendment for the end-use product Liberty 150 SN Herbicide includes adding glufosinate-ammonium tolerant soybeans as a new site. A quantitative risk assessment for aerial applicators was conducted and no risk of concern is expected from the use of Liberty 150 SN Herbicide. For ground application, the addition of glufosinate-ammonium tolerant soybeans to the use of Liberty 150 SN Herbicide is not expected to result in potential occupational or bystander exposure over the registered uses of glufosinate-ammonium. No health risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

No residue data for glufosinate-ammonium were submitted to support the addition of glufosinate-ammonium tolerant soybeans as a new host to the Liberty 150 SN Herbicide label and to add the grazing interval associated with the treated soybeans. Previously reviewed residue data from field trials conducted in/on glufosinate-ammonium tolerant soybeans and confined crop rotational residue data were reassessed in the framework of this petition. No data are required given that the use pattern, including application timing, rate, preharvest interval (PHI), and restrictions for crop rotation and livestock feeding/grazing are the same as those on currently registered end-use products containing glufosinate-ammonium. Based on this assessment, dietary exposure to glufosinate-ammonium, including the metabolite 3-methylphosphinico-propionic acid (Hoe 061517), is not expected to increase and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

No environmental data were required for the use expansion of Liberty 150 SN Herbicide on glufosinate-ammonium tolerant soybeans grown in the Prairie Provinces and Peace River Region of British Columbia. No additional risk to the environment is expected from the use of this product on glufosinate-ammonium tolerant soybeans because the method of application, the rate of application and the number of applications are within those registered for use on other crops. Environmental concerns have been mitigated through adequate statements and spray buffer zones on the product label.

Value Assessment

A detailed scientific rationale was submitted and data on file were referenced in order to bridge the currently registered use of a product containing glufosinate-ammonium on soybeans to the use of Liberty 150 SN Herbicide on glufosinate-ammonium tolerant soybeans in the Prairie Provinces and Peace River Region of BC. The information provided is supportive of the label amendments for Liberty 150 SN Herbicide.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the amendments to the Liberty 150 SN Herbicide label.

References

PMRA Document Number	Reference
2566896	2015, Liberty 150 SN Herbicide: Use in Glufosinate-ammonium Tolerant Soybean - DACO 0.17.1 - General Data Bridging Rationale, DACO: 10.2,10.3

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