

Evaluation Report for Category B, Subcategory B.3.11 Application (New or Changes to Product Label – New Pests)

Application Number: 2018-2255
Application: Category B.3.11 (New or changes to product label – New pests)
Product: SB-01 Herbicide
Registration Number: 30803
Active ingredient (a.i.): chlorimuron-ethyl and flumioxazin
PMRA Document Number: 2915961

Background

SB-01 Herbicide, co-formulated with 5.14% chlorimuron-ethyl (Group 2) and 40.59% flumioxazin (Group 14), is registered for control of certain broadleaf weeds in soybean. 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 registration of SB-01 Herbicide to include claims of control of palmer amaranth and waterhemp (including biotypes resistant to herbicide Groups 2, 5, and 9) and suppression of volunteer canola (including glyphosate, glufosinate, and imidazolinone tolerant varieties) at the label rate of 176 g/ha.

Chemistry, Health, and Environmental Assessments

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

Value Assessment

Value information cited for review included a scientific rationale and data from previously submitted field trials. This information demonstrated that the application of SB-01 Herbicide as per the label instructions can be expected to provide acceptable control of palmer amaranth and waterhemp (including biotypes resistant to herbicide Groups 2, 5, and 9).

The requested label amendment will provide growers another option to manage palmer amaranth and waterhemp at the early field season in soybean.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the claims of control of palmer amaranth and waterhemp (including biotypes resistant to herbicide Groups 2, 5, and 9) with SB-01 Herbicide applied as per the label instructions.

References

List of Studies/Information Submitted by Registrant

- | | |
|----------------|---|
| PMRA # 2517375 | 2015, Value summary for Flumioxazin 51 WDG Herbicide - Addition of new weeds, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3, 10.2.4, 10.5.1, 10.5.2, and 10.5.3. |
| PMRA # 2651040 | 2016, Value summary for Flumioxazin 51 WDG Herbicide - Addition of weed claims, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.3.3, 10.5.1, 10.5.2, and 10.5.3. |

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