

Evaluation Report for Category B, Subcategory B 3.11 Application

Application Number: 2022-1450
Application: New Changes to Product Labels – New Pests
Product: CS-100-50 Herbicide
Registration Number: 32739
Active ingredients (a.i.): 17.71% w/w pyroxsulam, 8.83% w/w tribenuron-methyl
PMRA Document Number : 3388454

Background

CS-100-50 Herbicide (Reg. No. 32739) is a wettable granule formulation containing 17.71% w/w pyroxsulam and 8.83% w/w tribenuron-methyl, and is registered for the post-emergent control and suppression of certain broadleaf and grass weed species in durum, spring and winter wheat in the Prairie Provinces and the interior of British Columbia. 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 the subject application is to amend the CS-100-50 Herbicide label to include the control of narrow-leaved hawk's beard, the suppression of Persian darnel and white cockle, the inclusion of field corn as a rotational crop and add clarifying text to the geographic use zone in British Columbia.

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 addition of narrow-leaved hawk's beard as a weed controlled and Persian darnel and white cockle as weeds suppressed to the CS-100-50 Herbicide label provides growers with an additional option to manage a broader spectrum of weeds using a herbicide that contains more than one active ingredient; contributing to resistance management practices. Further, the addition of field corn as a crop that may be planted 10 months after application allows farmers greater flexibility to manage rotational crops in their production system.

The applicant submitted value information that included data from small plot field trials conducted in 2017 and 2018. The trial data demonstrated an adequate level of efficacy of CS-100-50 Herbicide on rosette stage narrow-leaved hawk's beard. Additionally precedent registrations supported the inclusion of Persian darnel and white cockle as weeds suppressed by CS-100-50 Herbicide and field corn as a rotational crop. Further, clarifying that the Peace River region is a part of the interior of British Columbia was also supported.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information to be sufficient to support the inclusion of narrow-leaved hawk's beard as a weed controlled, Persian dandelion and white cockle as weeds suppressed, field corn as a rotational crop and clarifying text to the geographic use zone in British Columbia on the CS-100-50 Herbicide label.

References

- 3340520 2022, CS-100-50 Herbicide and CS-75-50 Herbicide for Control of Narrow-leaved Hawk's Beard in Wheat (Spring, Durum and Winter), DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3(B)

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