



Evaluation Report for Category B, Subcategory B.3.10 Application (New or Changes to Product Label – Tank Mixes)

Application Number: 2022-5446
Application: Category B.3.10 (New or changes to product label – Tank mixes)
Product: Badge Herbicide
Registration Number: 16164
Active Ingredients (a.i.): Bromoxynil present as the ester and MCPA present as the 2-ethylhexyl ester each at 225 g a.e./L
PMRA Document Number: 3433685

Background

Badge Herbicide is registered for post-emergent control of broadleaf weeds in wheat (spring, durum, and winter), barley, oats, flax, corn, fall rye, canary seed, and seedling and established grasses. It is recommended for application alone or in tank mix with listed herbicides. 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 Badge Herbicide to include a tank mix option, specifically with Fluroxypyr 180 EC Herbicide at 0.6 L/ha for use in spring and durum wheat and barley to control the weeds controlled by Badge Herbicide alone plus cleavers (1-4 whorls), round-leaved mallow (1-6 leaf), volunteer flax (1-12 cm), chickweed (up to 8 cm), hempnettle (2-6 leaf), stork's-bill (1-8 leaf), and wild buckwheat (1-8 leaf).

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

Based on the trial data and the registrations of Badge Herbicide and Fluroxypyr 180 EC Herbicide, the control of weeds controlled by Badge Herbicide applied alone plus cleavers (1-4 whorls) and volunteer flax (1-12 cm) is supported for Badge Herbicide applied in the tank mixture with Fluroxypyr 180 EC Herbicide at 0.6 L/ha.

The expansion of the Badge Herbicide label to include the option of applying the tank mixture with Fluroxypyr 180 EC for use on spring and durum wheat and barley provides users additional flexibility to employ Badge Herbicide for additional control of cleavers (1-4 whorls) and volunteer flax (1-12 cm) in these crops.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Badge Herbicide to include its application in the tank mixture with Fluroxypyr 180 EC Herbicide for use in spring and durum wheat and barley.

References

List of Studies/Information Submitted by Registrant

PMRA No.	References
3211128	2020, CA-HE-2020-FLUROX-Barley (Elm Creek, MB, CA), DACO: 10.2.3.3(B).
3211129	2020, CA-HE-2020-FLUROX-WHT (Connell, WA, US), DACO: 10.2.3.3(B).
3211130	2020, CA-HE-2020-FLUROX-WHT (Elm Creek, MB, CA), DACO: 10.2.3.3(B).
3211131	2020, CA-HE-2020-FLUROX-WHT (Minto, MB, CA), DACO: 10.2.3.3(B).
3211132	2020, CA-HE-2020-FLUROX-WHT 1 (Bonners Ferry, ID, US), DACO: 10.2.3.3(B).
3211133	2020, CA-HE-2020-FLUROX-WHT 2 (Bonners Ferry, ID, US), DACO: 10.2.3.3(B).
3211134	2020, Final Report _CA-HE-2020-FLUROX-WHT (Josephburg, AB, CA), DACO: 10.2.3.3(B).
3211135	2020, Final Report _CA-HE-2020-FLUROX-WHT 1 (Portage La Prairie, MB, CA), DACO: 10.2.3.3(B).
3211136	2020, Final Report _CA-HE-2020-FLUROX-WHT 2 (Portage La Prairie, MB, CA), DACO: 10.2.3.3(B).
3396974	2022, 16164_Badge_Tank_Mix_PART 10_Value_Report_29, Sep2022, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3.1, 10.2.3.3(B), 10.3.1, 10.3.2, 10.3.3, 10.4, 10.5.1, 10.5.2, 10.5.3, 10.5.4, and 10.5.5.

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