

Clethodim 360EC Herbicide

Evaluation Report for Category B Streamlined, Subcategory 3.10 Application

Application Number: 2023-1967
Application: Category B, Subcategory 3.10 Application (new or changes to product labels – tank mixes)
Product: Clethodim 360EC Herbicide
Registration Number: Reg. No. 31496
Active ingredient (a.i.): clethodim
PMRA Document Number: 3516602

Purpose of Application

The purpose of this application was to amend the registration of Clethodim 360EC Herbicide per the following:

1. Amend “red garden (table) beet” to read as “garden (table) beet”;
2. Where Buctril M is listed, add “bromoxynil + MCPA” as a tank mix partner (in flax);
3. Where Lontrel 360 Herbicide is listed, add Lontrel XC Herbicide & Lontrel 72 Herbicide (in flax and canola);
4. Add the 3-way tank mix of Clethodim 360EC Herbicide + Interline Herbicide or Liberty 150 SN Herbicide + Facet L (in glufosinate-ammonium tolerant canola);
5. Where Pursuit is listed, add “imazethapyr” as a tank mix partner (in field pea).

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and Environmental assessments were not required since the use pattern, including host crops, application rates and timings of the product, remained unchanged.

Value Assessment

Labelling the general active ingredient names for bromoxynil + MCPA and imazethapyr as tank mix partners for use with Clethodim 360EC Herbicide, as well as other Lontrel end-use products, allows growers to select their preferred and/or available bromoxynil + MCPA, imazethapyr and Lontrel herbicide to use with Clethodim 360EC Herbicide. Tank mixing allows growers to apply the tank mix partners at the same time, reducing labour, fuel consumption, soil compaction and crop damage, and helps manage herbicide resistance.

A rationale, in conjunction with precedent product registrations, demonstrated that acceptable value (efficacy and crop tolerance) would be expected when Clethodim 360EC Herbicide is applied in tank mixture with bromoxynil + MCPA, imazethapyr and select Lontrel herbicide end-use products, as well as with Interline Herbicide or Liberty 150 SN Herbicide + Facet L. With respect to the removal of “red” from “red garden (table) beet”, given that colour variation can exist within the same labelled beet species, there are no concerns with the removal of “red” from the labelled host crop name.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Clethodim 360EC Herbicide to include the requested label amendments.

References

PMRA Doc Number	Reference
3474808	2023, Daco 10 Efficacy Data Waiver Request Rationale & Value For The Addition Of Specific Tank Mix Partners To The Clethodim 360 Herbicide (Reg. No. 31496) Label, DACO: 10.2, 10.5.

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