



Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2023-0166
Application: New or Changes to the Product Label – New Pests
Product: Voraxor
Registration Number: 33968
Active ingredients (a.i.): 125 g/L Trifludimoxazin, 250 g/L Saflufenacil
PMRA Document Number: 3443976

Background

Voraxor (Reg. No. 33968; registrant BASF Canada Inc.) is a suspension concentrate, Group 14 herbicide containing 250 g/L saflufenacil and 125 g/L trifludimoxazin and is registered for pre-seed, pre-emergent or chemfallow application for burndown control of several broadleaf weeds in cereal crops (wheat, barley), pulse crops (dried field peas, lentils chickpeas, faba beans), field corn and soybean. It is recommended that Voraxor be tank mixed with Zidua SC (Reg. No. 32542; registrant BASF Canada Inc.) ± glyphosate for broader-spectrum weed control. 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 is to amend the Voraxor label to include early season residual suppression of wild mustard, volunteer canola and Russian thistle when Voraxor is applied in tank mix with Zidua SC. Additionally, it was requested that all weeds for which this tank mixture provides early season residual suppression be listed out under the tank mix section of the Voraxor label.

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 an early season residual suppression claim for wild mustard, volunteer canola and Russian thistle provides growers with the ability to control a wider spectrum of flushing weeds in labelled crops after herbicide application.

The applicant submitted value information that included scientific rationales and data from small-scale efficacy trials conducted between 2019 and 2022 in Manitoba, Saskatchewan and Alberta. The value information demonstrated that an application of Voraxor in tank mixture with Zidua SC at registered application rates and applied per label directions can be expected to provide acceptable early season residual suppression of volunteer canola, wild mustard and Russian thistle and therefore these weeds are supported for inclusion on the Voraxor product label accordingly.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the inclusion of early season residual suppression of volunteer canola, wild mustard and Russian thistle by a tank mixture application of Voraxor + Zidua SC applied per label directions.

References

- 3426313 2023, Voraxor Herbicide (Trifludimoxazin + Saflufenacil): Application to Amend the Early Season Residual Suppression Weed Claims for the Labelled Tank Mix of VORAXOR and ZIDUA SC, DACO: 10.1, 10.2, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3(B), 10.3.1, 10.3.2, 10.4, 10.5, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5
- 3426315 2023, Field Trial Reports - Voraxor, DACO: 10.2.3.3(B)

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