

## Evaluation Report for Category B, Subcategory 3.12 Application

**Application Number:** 2021-5984  
**Application:** Changes to Product Label – New Site or Host  
**Product:** Voraxor  
**Registration Number:** 33968  
**Active ingredients (a.i.):** Saflufenacil and trifludimoxazin  
**PMRA Document Number:** 3418398

### Purpose of Application

The purpose of this application was to amend the registration of Voraxor to add preplant or postplant pre-emergent application for control of broadleaf weeds in chickpea and faba bean.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

A toxicology assessment was not required for this application.

The amendment of the Voraxor label to add a preplant or postplant pre-emergent application for control of broadleaf weeds in chickpea and faba bean is not expected to result in increased occupational or bystander exposures relative to the registered uses of trifludimoxazin and saflufenacil. A qualitative risk assessment for mixer, loader, applicator, bystander, and postapplication worker indicated that no health risks of concern are expected from the new use, provided that workers follow the label directions and wear the personal protective equipment identified on the label.

No new residue data for saflufenacil and trifludimoxazin in chickpeas and faba beans were submitted to support the use expansion of these active ingredients on the Voraxor label. Previously reviewed residue data from field trials conducted in/on legume vegetables (Crop Group 6) were re-assessed in the framework of this application. Residues of both active ingredients were <LOQ in/all matrices following application rates that were 2.1 – 2.9 fold the rates on the Voraxor label. Therefore, the expanded use pattern will not increase dietary exposure to saflufenacil and trifludimoxazin. No risks of health concern are anticipated for any segment of the population, including infants, children, adults and seniors.

## **Environmental Assessment**

The use of Voraxor on chickpeas and faba beans is not expected to result in risks for the environment when used as directed on the label.

## **Value Assessment**

The expansion of the use pattern of Voraxor to include chickpea and faba bean as host crops provides growers another option to burndown control broadleaf weeds with soil residual activity in these crops. The inclusion of chickpea and faba bean as plant-back and rotational crops as per the label provides growers more flexibility to manage the rescue crop if the planted host fails as well as the rotational crop in the following season.

Value information submitted for review included a scientific rationale and data from replicated field trials conducted in the Canadian Prairies in 2021. Tolerance data, including visual crop percent injury and yield data, collectively demonstrated that chickpea and faba bean as host crops exhibited adequate margins of tolerance to Voraxor applied as per the label instructions. The scientific rationale, in conjunction with the existing registration of Voraxor, supported the inclusion of chickpea and faba bean as plant-back crops in case of host crop failure and rotational crops that can be planted anytime in the following season.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to amend the registration of Voraxor to include use on chickpeas and faba beans.

## References

| <b>PMRA Document Number</b> | <b>Reference</b>  |
|-----------------------------|---|
| 3287459                     | 2021, Petition for application: Addition of chickpea and faba bean on the Voraxor Label, DACO: 10.1,10.2,10.2.1,10.2.2,10.3,10.3.1,10.3.2,10.3.2(A), 10.3.3,10.4,10.5,10.5.2,10.5.3,10.5.4,10.5.5 |
| 3287463                     | 2021, Individual trial reports - chickpea, DACO: 10.3.2(A)  |
| 3287464                     | 2021, Individual trial reports - faba bean, DACO: 10.3.2(A)   |
| 3287466                     | 2021, Use Site Description: Voraxor for Burndown and Residual Weed Control in Chickpeas and Faba Beans, DACO: 5.2   |

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