



Evaluation Report for Category L, Subcategory 1.2 Application

Application Number: 2024-0633
Application: Application subject to Proprietary Interests in Pesticide Data (PIIP) policy – Equivalency/Data Compensation Assessment
Applicant: Trustchem North America Inc
Product: TRUSTCROP IMAZAMOX 700 WG HERBICIDE
Registration Number: 35546
Active ingredient (a.i.): Imazamox
PMRA Document Number : 3697834

Purpose of Application

The purpose of this application was to register the commercial class end-use product, TRUSTCROP IMAZAMOX 700 WG HERBICIDE, to control labelled weeds, as an early post-emergent treatment in soybeans (Eastern Canada only) and in field peas, soybeans, imazamox tolerant canola, imazamox tolerant lentils, imazamox tolerant sunflowers and imazamox tolerant canola quality *Brassica juncea* in the prairie provinces and interior of British Columbia (including the Peace River Region), based on a registered precedent product.

Chemistry Assessment

TRUSTCROP IMAZAMOX 700 WG HERBICIDE is formulated as water dispersible granules containing imazamox at a concentration of 70 %. This end-use product has a density of 0.95 – 1.09 g/mL and pH of 3.72 – 3.79. The required chemistry data for TRUSTCROP IMAZAMOX 700 WG HERBICIDE have been provided, reviewed and found to be acceptable.

Health Assessments

TRUSTCROP IMAZAMOX 700 WG HERBICIDE was considered toxicologically equivalent to the precedent product; therefore, no toxicology data were required. TRUSTCROP IMAZAMOX 700 WG HERBICIDE is considered to be of low acute toxicity by the oral, dermal and inhalation routes. It is considered to be mildly irritating to the eyes and minimally irritating to the skin. It is not considered to be a potential dermal sensitizer.

The use pattern of TRUSTCROP IMAZAMOX 700 WG HERBICIDE is comparable to the registered use pattern of the precedent products. *Therefore, potential exposure for mixers, loaders, applicators, bystanders and postapplication workers is not expected to exceed the current exposure to the registered products of this active ingredient. No health risks of concern are expected for workers and bystanders when label directions, precautions and restrictions are followed.*

No new residue data for imazamox were submitted or were required to support the registration of TRUSTCROP IMAZAMOX 700 WG HERBICIDE. Previously reviewed residue data were re-assessed in the framework of this application.

The use directions on the TRUSTCROP IMAZAMOX 700 WG HERBICIDE label, including the target crops, method (ground), rates and timing of application, geographic restrictions, preharvest intervals, feeding restrictions, and crop rotation restrictions are comparable to those on the labels of the precedent end-use products.

Based on this assessment, residues are not expected to be greater than those from the currently registered uses and will be covered by the established maximum residue limits (MRLs). Consequently, dietary exposure to residues of imazamox is not expected to increase with the registration of the new end-use product TRUSTCROP IMAZAMOX 700 WG HERBICIDE and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The application rate and use pattern for TRUSTCROP IMAZAMOX 700 WG HERBICIDE is within the currently registered use pattern for the active imazamox. Risk to the environment is acceptable when the TRUSTCROP IMAZAMOX 700 WG HERBICIDE is used in accordance with the label, which includes statements to mitigate risks to the environment.

Value Assessment

The availability of TRUSTCROP IMAZAMOX 700 WG HERBICIDE as a selective postemergent herbicide provides growers with an alternative option to control certain broadleaf weeds and grasses in soybeans in Eastern Canada only and field peas, soybeans, imazamox tolerant canola, imazamox tolerant lentils, imazamox tolerant sunflowers, and imazamox tolerant canola quality *Brassica juncea* in the Prairie provinces and interior of British Columbia (including the Peace River Region) only. Registration of a generic product may increase competition in the market, which may result in a reduction in purchasing cost of similar products, thus lowering growers' overall input costs.

The formulation of TRUSTCROP IMAZAMOX 700 WG HERBICIDE was compared to the precedent products. It was concluded that the performance of TRUSTCROP IMAZAMOX 700 WG HERBICIDE would be agronomically equivalent to that of the precedent products. Therefore, all labelled uses and claims for Easy Herbicide are supported for inclusion since they are registered for the precedent products.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the registration of TRUSTCROP IMAZAMOX 700 WG HERBICIDE.

References

**PMRA
Document**

Number	Reference
3555788	2023, Enforcement analytical method, DACO: 3.4.1
3555790	2023, color, DACO: 3.5.1
3555791	2023, Physical state, DACO: 3.5.2
3555792	2023, odor, DACO: 3.5.3
3555793	2024, Formulation type, DACO: 3.5.4
3555794	2024, Container material and description, DACO: 3.5.5
3555795	2023, Density, DACO: 3.5.6
3555796	2023, pH, DACO: 3.5.7
3555797	2023, Oxidizing, DACO: 3.5.8
3555798	2024, Viscosity, DACO: 3.5.9
3555799	2023, storage stability, DACO: 3.5.10
3555800	2023, flammability, DACO: 3.5.11
3555801	2023, explodability, DACO: 3.5.12
3555802	2023, miscibility, DACO: 3.5.13
3555803	2023, corrosion characteristics, DACO: 3.5.14
3692719	2025, Updated manufacturing process, DACO: 3.2.2, CBI

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