Health Canada Santé Canada

Evaluation Report for Category L, Subcategory 1.2 Application

Application Number:	2024-2777
Application:	Application Subject to Protection of Proprietary Interests in Pesticide Data (PPIP) Policy – Equivalency/Data Compensation Assessment
Applicant:	Zhongshan Chemical Canada Corp.
Product:	BOSS WDG Fungicide
Registration Number:	35712
Active ingredient (a.i.):	Boscalid

PMRA Document Number : 3735187

Purpose of Application

The purpose of this application was to register a new end-use product containing boscalid, BOSS WDG Fungicide, based on a registered precedent product.

Chemistry Assessment

BOSS WDG Fungicide is formulated as wettable granules containing boscalid at a concentration of 70%. This end-use product has a density of 0.6-0.7 g/cm^3 and a pH of 4-7. The required chemistry data for BOSS WDG Fungicide have been provided, reviewed and found to be acceptable.

Health Assessments

BOSS WDG fungicide was considered toxicologically equivalent to the registered precedent product; therefore no toxicology data were required or were submitted. BOSS WDG fungicide is considered to be of low acute toxicity by the oral, dermal and inhalation routes of exposure in rats. It is considered to be moderately irritating to the eyes and minimally irritating to the skin of the rabbits. It is not considered to be a skin sensitizer.

The use pattern of BOSS WDG Fungicide is comparable to the use pattern of the registered precedent product. *Therefore, potential exposure for mixers, loaders, applicators, bystanders and postapplication workers is not expected to exceed the current exposure to the registered products of boscalid. No health risks of concern are expected for workers and bystanders when label directions, precautions and restrictions are followed.*

No new residue data for boscalid were submitted or are required to support the registration of BOSS WDG Fungicide. Previously reviewed residue data were re-assessed in the framework of this application.

The use directions on the BOSS WDG Fungicide label, including the target crops, methods (ground and aerial), spray volumes, rates and timing of application, preharvest intervals, feeding restrictions, and crop rotation restrictions are comparable to those on the label of the registered

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precedent product.

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 boscalid is not expected to increase with the registration of BOSS WDG Fungicide and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The use of BOSS WDG Fungicide on food crops, and oil seed and fibre crops, is within the currently registered use pattern for boscalid. Therefore, the environmental risk is acceptable when BOSS WDG Fungicide is used in accordance with the label, which includes updated statements to mitigate risks to the environment.

Value Assessment

BOSS WDG Fungicide is expected to perform similarly to the registered precedent product based on a comparison of their respective formulations. The comparison of formulations supports extrapolation of all disease claims and use directions from the precedent product label to the BOSS WDG Fungicide label.

The registration of BOSS WDG Fungicide will provide Canadian growers with an additional product option for managing common and economically important diseases on labelled crops.

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 BOSS WDG Fungicide.

References

PMRA Document Number	Reference
3609054	2024, Formulation Process and Flow Chart of Boscalid 70% WDG, DACO: 3.2,3.2.1,3.2.2,3.2.3 CBI
3609056	2024, Physical and Chemical Characterization of Boscalid 70% WDG, DACO: 3.4.1,3.5,3.5.1,3.5.10,3.5.14,3.5.2,3.5.3,3.5.4,3.5.5,3.5.6,3.5.7,3.5.8
3609057	2024, Boscalid 70% WDG (BOSS WDG FUNGICIDE) Physical and Chemical Property Waiver Requests, DACO: 3.5.11,3.5.12,3.5.13,3.5.15,3.5.16,3.5.9
3727306	2025, Enforcement Analytical Method -Address deficiency Sub No. 2024-2777,

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