

Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2020-0314
Application: Changes to Product Labels-New Site or Host (Best Fit: Revision of MRLs)
Product: Luna Privilege
Registration Number: 30509
Active ingredient (a.i.): Fluopyram
PMRA Document Number : 3213096

Purpose of Application

The purpose of this application was to amend the maximum residue limits (MRLs) for fluopyram on corn (field, pop, sweet).

Health Assessments

Previously reviewed residue data from field trials conducted in/on corn (field corn and sweet corn) were re-assessed in relation to setting maximum residue limits (MRL) on corn. In addition, processing studies in treated corn were also re-assessed to determine the potential for concentration of residues of fluopyram into processed commodities.

Maximum Residue Limits

The recommendation for maximum residue limits (MRLs) for fluopyram was based upon the previously submitted field trial data, and the guidance provided in the [OECD MRL Calculator](#). MRLs to cover residues of fluopyram in/on crops and processed commodities are proposed as shown in Table 1. Residues in processed commodities not listed in Table 1 are covered under the proposed MRLs for the raw agricultural commodities (RACs).

Commodity	Application Method/ Total Application Rate (g a.i./ha)	PHI (days)	Fluopyram Residues (ppm)		Experimental Processing Factor	Currently Established MRL (ppm) ¹	Recommended MRL (ppm)
			LAF T	HAF T			
Field corn grain	Foliar/ 492-520	11-14	<0.01	0.018	Starch: 0.15x Refined oil: 0.6x	1.5 (Crop Group 15, except rice)	0.02 Field corn, popcorn grain

TABLE 1. Summary of Field Trial and Processing Data Used to Support Maximum Residue Limit(s) (MRLs)

Commodity	Application Method/ Total	PHI (days)	Fluopyram Residues (ppm)		Experimental Processing	Currently Established MRL	Recommended MRL (ppm)
Sweet corn (K+CWHR)	Foliar/ 495-527	0	<0.01	<0.01	Grits: 0.5x Flour: 0.9x Meal: 0.8x Bran: 2.6x		0.01 Sweet corn K+CWHR

LAF = Lowest Average Field Trial; HAFT = Highest Average Field Trial
K+CWHR = Kernels plus cob with husks removed

Following the review of all available data, MRLs as proposed in Table 1 are recommended to cover residues of fluopyram. Residues in these crop commodities at the proposed MRLs will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Toxicology and occupational exposure assessments were not required for this application.

Chemistry, Environmental and Value Assessments

Chemistry, environmental and value assessments were not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed the assessment of the available information and found it acceptable to recommend MRLs as proposed in Table 1 to cover residues of fluopyram in/on corn (field, pop, sweet).

References

None.

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