

Evaluation Report for Category B, Subcategory 3.5 Application

Application Number: 2012-4883
Application: B.3.5 – Rotational Crops/Plantback Interval
Product: Fluopicolide 4 SC Fungicide
Registration Number: 30050
Active ingredients (a.i.): Fluopicolide
PMRA Document Number: 2327968

Purpose of Application

The purpose of this application was to amend the Fluopicolide 4 SC Fungicide label to include a 30-day plant back interval (PBI) for wheat and field corn and to establish MRLs on rotational wheat and field corn.

Health Assessments

Residue data from field accumulation trials conducted in the United States were submitted to support the addition of field corn as a rotational crop on the Fluopicolide 4 SC Fungicide label. Rotational field corn was planted into plots where fluopicolide was applied according to label directions to radishes. Previously reviewed field accumulation trials conducted in/on rotational wheat were also reassessed in the framework of this petition to support the addition of wheat as a rotational crop on the Fluopicolide 4 SC Fungicide label. In addition, processing studies in wheat and field corn were reviewed to determine the potential for concentration of residues of fluopicolide into processed commodities.

Maximum Residue Limit(s)

The recommendation for maximum residue limits (MRLs) for fluopicolide was based upon the submitted field accumulation data, and the guidance provided in the [OECD MRL Calculator](#). MRLs to cover residues of fluopicolide in/on rotational 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).

Table 1 Summary of Field Accumulation and Processing Data Used to Support Maximum Residue Limit(s) (MRLs)

Commodity	Application Method/ Total Application Rate (g ai/ha)	PBI (days) ¹	Residues (ppm)		Experimental Processing Factor	Currently Established MRL (ppm)	Recommended MRL (ppm)
			Min	Max			
Wheat	388-417	29-37	<0.01	0.014	3 (bran) 4.6 (germ)	None	0.02 (RAC) 0.04 (bran) 0.06 (germ)
Field corn	410-433	28-41	<0.01	<0.01	2.1 (refined oil)	None	0.01 (RAC) 0.02 (refined oil)

¹PBI = Plant-back interval

Following the review of all available data, MRLs as proposed in Table 1 are recommended to cover residues of fluopicolide. 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.

Chemistry, Value and Environmental Assessment

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

Conclusion

The PMRA reviewed the information provided in support of the amendment as described above. Based on this review, the amendments are acceptable for registration.

References

1446481	2004, AE C638206: Magnitude of Residue in Processed Wheat Fractions Resulting from an Exaggerated Rate Application of EXP 11067B to Bare Ground (2001), DACO: 7.4.5
1912088	2005, AE C638206: Magnitude of Residues in Wheat When used as a Rotational Crop after Potatoes that have had Foliar Applications of EXP 11067B at the Maximum Proposed Label Specifications (2001), DACO: 7.4.4
2248304	2012, Discussion of Establishment of Rotational Plant-back Interval for Cereal Grains, DACO: 7.1
2248308	2012, Fluopicolide: Magnitude of the Residues of Fluopicolide in Rotational Corn and Rotational Corn Processing Fractions, DACO: 7.4.1,7.4.5

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