



Evaluation Report for Category B, Subcategory 3.6 Application

Application Number: 2011-0973
Application: B.3.6 (Changes to product labels - Pre-harvest)
Product: Venture L Herbicide
Registration Number: 21209
Active ingredients (a.i.): fluazifop-P-butyl (FZA)
PMRA Document Number: 2061349

Purpose of Application

The purpose of this application was to reduce the pre-harvest interval (PHI) for potatoes on the label of Venture L Herbicide from 90 to 45 days.

Chemistry, Environmental and Value Assessments

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

Health Assessments

The proposed change in PHI on potatoes from 90 days to 45 days on the Venture L Herbicide label, containing fluazifop-P-butyl, should not result in risks of concern. No unacceptable risk is expected when workers follow label directions and wear personal protective equipment identified on the label.

Residue data for fluazifop-P-butyl in/on potato were submitted to support the reduction in preharvest interval (PHI) on this crop on the Venture L Herbicide label. Residue data from field trials conducted in/on potatoes were assessed in the framework of this petition. In addition, a processing study in treated potato was also reviewed to determine the potential for concentration of residues of fluazifop-P-butyl into processed commodities.

Maximum Residue Limits

Based on the maximum residues observed in crop commodities treated according to label directions, maximum residue limits (MRLs) to cover residues of fluazifop-butyl in/on crop and processed commodities will be established as shown in Table 1. Residues of fluazifop-butyl in processed commodities not listed in Table 1 are covered under established MRLs for the raw agricultural commodity (RACs).

Commodity	Application Method/ Total Application Rate (g a.i./ha)	PHI (days)	Residues (ppm)		Experimental Processing Factor	Currently Established MRL (ppm)	Recommended MRL (ppm)
			Min	Max			
Potato	Foliar application/ 223.7 – 259.06	44-46	<0.01	0.61	Potato chips: 2.8x Potato flakes: 5.3x	None	1.0 (tubers) 2.0 (chips) 4.0 (flakes)

Based on the dietary burden and residue data, a MRL of 0.05 ppm is recommended in milk to cover residues of fluazifop-butyl.

Following the review of all available data, MRLs of 1.0 ppm for potatoes, 2.0 ppm for potato chips, 4.0 ppm for potato flakes and 0.05 ppm for milk are recommended to cover residues of fluazifop-butyl. Residues of fluazifop-butyl in these commodities at the established MRLs will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Conclusion

The PMRA has completed an assessment of the available information and is able to support the reduced pre-harvest interval (PHI) for potatoes on the label of Venture L Herbicide from 90 to 45 days.

References

PMRA #1778197. 2008, Fluazifop EC- Residue Levels on Potatoes from Trials Conducted in Canada during 2007, DACO: 7.4.1

PMRA #1778198. 2009, Fluazifop EC- Residue Levels on Potatoes from Trials Conducted in Canada during 2008, DACO: 7.4.1

PMRA #1778189. 1994, Determination of Residues of Total Fluazifop in Potatoes and their Processed Fractions, DACO: 7.2.1,7.4.5

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