

Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2010-0695
Application: B. 3.12 - New Site or Host
Product: Velocity A Herbicide (A Component of Velocity M3 Tank Mix)
Registration Number: 29213
Active ingredients (a.i.): thien carbazone-methyl
PMRA Document Number : 2045936

Purpose of Application

The purpose of this application was to amend the product label to include winter wheat and add several weeds.

Chemistry and Environmental Assessment

The chemistry and environment assessments were not required for this application.

Health Assessments

The use of Velocity A Herbicide (A component of Velocity M3 Tank-Mix) on winter wheat should not result in potential occupational or bystander exposure over the registered use of thien carbazone-methyl. No unacceptable risk is expected when workers follow label directions and wear personal protective equipment as recommended on the label.

New residue data for thien carbazone-methyl in winter wheat were submitted to support the use expansion of this active on the Velocity Herbicide label. In addition, a processing study in treated wheat was also assessed to determine the potential for concentration of residues of thien carbazone-methyl into processed commodities.

Maximum Residue Limit(s)

Based on the maximum residues observed in winter wheat treated according to label directions, the maximum residue limit (MRL) currently proposed for thien carbazone-methyl on wheat is adequate to cover this use. Residues in processed commodities not listed in Table 1 are covered under established MRLs for the raw agricultural commodity(ies) (RACs).

TABLE 1. Summary of Field Trial and Processing Data Used to Establish Maximum Residue Limit(s) (MRLs)
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Commodity	Application Method/ Total Application Rate (g a.i./ha)	PHI (days)	Residues (ppm)		Experimental Processing Factor	Currently Established MRL	Recommended MRL
			Min	Max			
Winter wheat	Foliar broadcast application/ 5	73-86	<0.01	<0.01	Residues in wheat grain were all <0.01 ppm when treated at exaggerated rate	0.01	None

Following the review of all available data, the current MRL of 0.01 ppm for wheat is considered acceptable. Residues in these crop commodities at the established MRL will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Value Assessment

The efficacy and crop tolerance data submitted for review support the addition of the new weeds volunteer canary seed (control) and Japanese brome (suppression) to the Velocity A Herbicide (A Component of Velocity M3 Tank Mix) label, as well as a new crop, winter wheat.

Conclusion

The PMRA has completed an assessment of this application and found the information sufficient to amend the label of the end-use product, Velocity A Herbicide (A Component of Velocity M3 Tank Mix), to include winter wheat and add several weeds.

References

PMRA Document #	Reference
1859620	2010, Velocity Herbicide (Thiencarbazone-methyl) for Grassy and Broadleaf Weed Control in Winter Wheat, Jan. 15, 2010, pp. 237
1859632	2010, Thiencarbazone-methyl-magnitude of residues in/on winter wheat, amended, DACO: 7.4, 7.4.1

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