

Evaluation Report for Category B, Subcategory 3.2 Application

Application Number: 2015-5823
Application: Changes to product labels: Application timing
Product: Broadstrike RC Herbicide
Registration Number: 27004
Active ingredients (a.i.): Flumetsulam
PMRA Document Number: 2601321

Background

Broadstrike RC Herbicide (Registration Number 27004; guarantee 80% flumetsulam) was first registered for use in Canada in 2002 as a selective herbicide for broadleaved weed control in field corn and soybeans.

Purpose of Application

The purpose of this application was to expand the application timing of Broadstrike RC Herbicide to field corn from the 2-leaf stage to the 8-leaf stage.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicology assessment was not required for this application.

No new dietary residue data for flumetsulam in field corn were submitted to support the expansion of the early postemergent use of Broadstrike RC Herbicide in hybrid field corn up to the 8-leaf stage. Previously reviewed residue data from field trials conducted in/on corn were reassessed in the framework of this application. In addition, a processing study in treated corn was also reassessed. Following the review of all available data, residues of flumetsulam in field corn and livestock food commodities as a result of this label change will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

The requested early post-emergent uses of Broadstrike RC Herbicide, on field corn is not expected to result in increase in potential occupational or bystander exposure over the registered uses of flumetsulam. No health risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

Environmental Assessment

The early post-emergent use of Broadstrike RC Herbicide on field corn up to the 8-leaf stage is acceptable from an environmental perspective. Environmental concerns have been mitigated through adequate statements on the product label.

Value Assessment

The information provided for review, including field trial data and history of use, support the expansion of the early post-emergence use of Broadstrike RC Herbicide in field corn up to the 8-leaf stage. The expansion of the use pattern up to the 8- leaf stage of field corn will give growers more flexibility as well as to provide residual control later into the growing season.

Conclusion

The PMRA has completed a review of all available information in support of Broadstrike RC Herbicide and found it sufficient to expand the application timing to field corn from the 2-leaf stage to the 8-leaf stage.

References

PMRA Document Number	Reference
2578715	2015, Summary Table: Safety of Post Application-Fieldstar Herbicide on Hybrid Field Corn, DACO: 10.2.3.1
2578716	2015, Small Scale Field Trial Reports (7 trials), DACO: 10.2.3.3, 10.3.2

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