

Evaluation Report for Category B, Subcategory 3.2 and 3.10 Application

Application Number: 2015-5825
Application: Changes to product labels: Tank mixes and application timing
Product: Fieldstar WDG Herbicide
Registration Number: 27145
Active ingredients (a.i.): Clopyralid and Flumetsulam
PMRA Document Number: 2601303

Background

Fieldstar WDG Herbicide (Registration Number 27145; guarantee 50% clopyralid and 18.5% flumetsulam) was first registered for use in Canada in 2003 as a selective herbicide for broadleaved weed control in field corn.

Purpose of Application

The purpose of this application was to amend the label of Fieldstar WDG Herbicide by extending the early post-emergence application on field corn from the 2-leaf stage to the 8-leaf stage, as well as adding glyphosate as a tank mix partner post-emergence to glyphosate tolerant corn.

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 and clopyralid in hybrid field corn were submitted to support the post-emergent use of Fieldstar WDG Herbicide in 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, processing studies in treated corn were also reassessed. Following the review of all available data, residues of flumetsulam and clopyralid in hybrid 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 addition of glyphosate products to the post-emergent use on the Fieldstar WDG Herbicide label is also acceptable from the dietary perspective.

The requested early post-emergent uses of Fieldstar WDG Herbicide on field corn is not expected to result in increase in potential occupational or bystander exposure over the registered uses of clopyralid & 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 Fieldstar WDG 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 post-emergence use of Fieldstar WDG Herbicide in field corn up to the 8-leaf stage. The addition of glyphosate products to the post-emergence use on the Fieldstar WDG Herbicide label is also acceptable. The expansion of the use pattern to include early post-emergence application 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 Fieldstar WDG Herbicide and found it sufficient to expand the application timing to field corn from the 2-leaf stage to the 8-leaf stage, as well as adding glyphosate as a tank mix partner post-emergence to glyphosate tolerant corn.

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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