

Evaluation Report for Category B, Subcategories 3.11, 3.2 Application

Application Number: 2018-1799
Application: Changes to Product Labels-New Pests
Changes to Product Labels-Application Timing
Product: Flumioxazin 51WDG Herbicide
Registration Number: 29235
Active ingredient (a.i.): Flumioxazin
PMRA Document Number: 3010457

Purpose of Application

The purpose of this application was to amend the registration of Flumioxazin 51 WDG Herbicide, by adding a spring application timing for lentil for control of labelled weeds; and changing the lentil recropping interval from 6 months to 7 days.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicology assessment was not required for this application.

The addition of a pre-emergent spring application to lentils to the Flumioxazin 51WDG Herbicide label is not expected to result in potential occupational or bystander exposure over the registered uses of flumioxazin. No health risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

No new residue data for flumioxazin in lentils were submitted to support the pre-emergence/preplant spring application to lentils of this active ingredient, or the reduction of the recropping interval from 6 months from 7 days. Previously reviewed residue data from field trials conducted in/on dry field peas and a confined crop rotational study were re-assessed in the framework of this application.

Following the review of all available data, it has been concluded that the current MRL of 0.07 ppm for Dry pea and bean (except soybean) crop subgroup 6C is adequate to cover the current use expansion, and that there is no health risk of concern from dietary exposure to any segment of the population, including infants, children, adults, and seniors.

Environmental Assessment

The label expansion for Flumioxazin 51 WDG is supported from an environmental perspective provided that environmental risk reduction and hazard statements included on the label are followed.

Value Assessment

The registration of a spring application of Flumioxazin 51 WDG Herbicide to lentil will provide growers with more options for early-season weed control in a crop that is a poor competitor with weeds at early growth stages.

The submitted value information, which consisted of field trial data and a scientific rationale, demonstrated that an adequate margin of crop safety would be expected for lentil (including large green and small red varieties) that is planted in spring a minimum of 7 days after Flumioxazin 51WDG Herbicide application. Accordingly, all of the subject label amendments are considered to have value and can be supported from a value perspective.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to support a spring application timing for lentil for control of labelled weeds; and the change in lentil recropping interval from 6 months to 7 days.

References

PMRA Document Number Reference

2879057 2018, Appendix 1: Trial Reports for "Value Summary for Flumioxazin 51 WDG Herbicide Addition of Spring Application for Lentils", DACO: 10.1, 10.2.3, 10.2.3.1, 10.3, 10.3.1, 10.3.2(A), 10.5.1, 10.5.2, 10.5.3.

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