

Evaluation Report for Category B, Subcategory 3.12 Application

Application Number: 2018-0960
Application: B.3.12: New Host Site
Product: Inferno Duo
Registration Number: 30663
Active ingredients (a.i.): Flucarbazone-sodium and Tribenuron-methyl
PMRA Document Number: 2989054

Purpose of Application

The purpose of this application was to amend the registration of Inferno Duo to (1) add winter wheat as a host crop and (2) to have winter wheat, soybeans and sunflowers as rotational crops that may be planted 11 months after an application of Inferno Duo.

Chemistry Assessment

Chemistry assessment was not required for this application.

Health Assessments

The use of Inferno Duo on winter wheat is not expected to increase the potential for occupational exposure compared to the registered use patterns for flucarbazone-sodium and tribenuron-methyl. 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 flucarbazone-sodium or tribenuron-methyl for wheat were submitted to support the registration of Inferno Duo on winter wheat. Previously reviewed residue data from field trials conducted in/on wheat and rotational crop studies were reassessed in the framework of this petition. Based on this assessment, exposure to residues of flucarbazone-sodium or tribenuron-methyl in/on winter wheat treated according to the approved use directions for Inferno Duo (PCP# 30663) and the addition of soybeans and sunflowers to the labeled rotational crops will not pose an unacceptable health risk to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

No additional risk to the environment is expected from the registration of Inferno Duo on winter wheat. The use pattern fits within the registered use pattern for both of the active ingredients, flucarbazone-sodium and tribenuron methyl. The existing label statements are sufficient for risk mitigation.

Value Assessment

The expansion of the Inferno Duo label will provide growers with another tool to control weeds in winter wheat as well as greater flexibility to arrange sequential crops.

Value information in the form of trial data and precedent registrations was submitted for review. This information demonstrated that (1) winter wheat can be expected to have an adequate margin of crop tolerance to Inferno Duo applied as per the label instructions and (2) winter wheat, soybean and sunflower can be safely planted 11 months following an application of Inferno Duo.

Conclusion

The PMRA has reviewed the information provided in support of these two amendments. Based on the results of this review the (1) addition of winter wheat as a host crop and (2) have winter wheat, soybeans and sunflowers as rotational crops that may be planted 11 months after an application of Inferno Duo is acceptable.

References

- 2857913 2018, VALUE SUMMARY TO SUPPORT THE ADDITION OF APPLICATION TO WINTER WHEAT AND THE ADDITION OF SOYBEAN AND SUNFLOWER AS ROTATIONAL CROPS ON THE INFERNO DUO HERBICIDE LABEL, DACO: 10.1,10.2.1,10.2.2,10.2.3.1,10.2.3.3(D)
- 2857915 2016, Inferno TRIO Florasulam in Winter Wheat, DACO: 10.2.3.3(B),10.3.2(A)
- 2857916 2017, Flucarbazone Burndown on Winter Wheat, DACO: 10.2.3.3(B),10.3.2(A)
- 2857917 2016, Inferno TRIO Tribenuron on Winter Wheat, DACO: 10.2.3.3(B),10.3.2(A)

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