

Evaluation Report for Category B, Subcategory 3.7 Application

Application Number: 2017-1270
Application: Changes to Product Labels-Pre-Grazing
Product: Interval Flumioxazin 51WDG Herbicide
Registration Number: 29235
Active ingredient (a.i.): Flumioxazin
PMRA Document Number: 2933623

Purpose of Application

The purpose of this application was to amend the label of Flumioxazin 51WDG Herbicide to amend livestock grazing restriction statements to establish pre-grazing intervals.

Health Assessments

Analytical studies for the proposed enforcement methods for flumioxazin in animal matrices were submitted to support the change in feeding restrictions of this active ingredient on the Flumioxazin 51 WDG Herbicide label. Previously reviewed residue data from field trials conducted in/on field corn, soybeans, and wheat were reassessed in the framework of this petition.

Occupational exposure and toxicology assessments were not required for this application.

Maximum Residue Limits

Based on the dietary burden, animal metabolism studies, and animal feeding studies, maximum residue limits (MRLs) of 0.06 ppm in fat, meat and meat byproducts of cattle, goats, hogs, horses, and sheep, and milk to cover residues of flumioxazin, 3-OH-flumioxazin, and 4-OH-flumioxazin are proposed. MRLs of 0.02 ppm in/on eggs, fat, meat, and meat byproducts of poultry to cover residues of flumioxazin are proposed.

Chemistry, Environmental and Value Assessments

Chemistry, environmental and value assessments were not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found it sufficient to support the change in feeding restrictions for livestock to the label of Flumioxazin 51WDG Herbicide.

References

- 2854715 2018, Flumioxazin: Independent Laboratory Validation of Valent's Method RM-30T, "Determination of Flumioxazin, 3-OH-Flumioxazin, and 4-OH-Flumioxazin in Animal Tissues" and RM-30MK, "Determination of Flumioxazin, 3-OH-Flumioxazin, and 4-OH-Flumioxazin in Milk", DACO: 171 - 4a,171 - 4c,171 - 4m,171-4a-4b,171-4c-4d,7.2.2,7.2.3A,860.1300,860.1340,860.1360,IIA 4.2.6,IIIA 5.3.1,b,d
- 1442755 2006, Magnitude of Residues of Flumioxazin in Dairy Cattle Milk and Meat, DACO: 7.2.1,7.2.2,7.2.5,7.5.1
- 1437727 1995, Magnitude of Residues of S-53482 in Goat Milk, Liver, Kidneys and Muscle, DACO: 6.4

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