

Evaluation Report for Category B, Subcategories 3.10, 3.12 Application

Application Number: 2024-0087
Application: Changes to Product Labels - Tank Mixes; New Site or Host
Applicant: Albaugh LLC
Product: Cleat
Registration Number: 33327
Active ingredient (a.i.): Tribenuron-methyl
PMRA Document Number: 3670787

Purpose of Application

The purpose of this application was to amend the registration of Cleat to add a pre-seeding application prior to planting oats, dry beans, field peas, lentils, and a post-emergent application on tribenuron-methyl-tolerant sunflowers, and to add the general tank mix statement as per the PMRA Guidance Document – Tank Mix Labelling.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicology assessment was not required for this application.

The occupational exposure and risks from the addition of oats, dry beans, field peas, sunflowers and lentils to the label of Cleat were assessed. No health risks of concern are expected from the new uses, provided that workers follow the label directions and wear the personal protective equipment identified on the label.

No new residue data for tribenuron-methyl in oats, dry beans, field peas, lentils, and tribenuron-methyl-tolerant sunflowers were submitted to support the use of this active ingredient on the Cleat label. Previously reviewed residue data from field trials conducted in/on a variety of crops were reassessed in the framework of this application.

Based on this assessment, residues of tribenuron-methyl are not expected to increase, and are expected to be covered by the established maximum residue limits (MRLs) on these crops and livestock commodities. Consequently, dietary risks from exposure to residues of tribenuron-methyl are considered to be acceptable for the general population and all subpopulations, including infants, children, adults and seniors.

Environmental Assessment

The expansion of the use pattern of Cleat to include uses in oats, dry beans, lentils, field peas and tribenuron-methyl-tolerant sunflowers is within the registered use pattern of tribenuron-methyl; therefore, no additional risk is expected from the use of Cleat. The label includes all the required environmental precautions, directions for use and spray buffer zones information, which adequately mitigate risks to the environment. Risk from the use of Cleat is acceptable from the environmental perspective when used according to label directions.

Value Assessment

The expansion of the use pattern of Cleat will provide Canadian growers an additional herbicide option for early-season weed control in oats, dry beans, lentils, and field peas and control of lamb's-quarters and suppression of wild buckwheat in tribenuron-methyl-tolerant sunflowers.

The value information submitted for review consisted of a scientific rationale, the extrapolation of claims from a precedent registration, and data from replicated field trials, which were conducted in the Canadian Prairies over multiple years. The information collectively demonstrated that oats, dry beans, lentils, and field peas exhibited adequate margins of tolerance to a pre-seeding application of Cleat. Tribenuron-methyl-tolerant sunflowers also exhibited an adequate margin of tolerance to a post-emergent application of Cleat alone and in tank mix with Assure II Herbicide while achieving acceptable control of lamb's-quarters and suppression of wild buckwheat.

The addition of the general tank mixing statement is acceptable as per the PMRA Guidance Document – Tank Mix Labelling and it allows growers greater flexibility to select tank mixtures to control pests in labelled crops. Flexibility in the selection of tank mix partners may contribute to resistance management practices, integrated pest management programs or the control of a broader range of pests, with associated cost- and time-savings by the user.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to amend the label of Cleat to add the use on oats, dry beans, field peas, lentils and tribenuron-methyl-tolerant sunflowers, and to add the general tank mix statement.

References

PMRA Document Number	Reference
3541522	2022, 2022 Tribenuron Crop Label Addition (Lentils), DACO: 10.2.3.3(B),10.3.2(A)
3541523	2022, 2022 Tribenuron Crop Label Addition (Peas), DACO: 10.2.3.3(B),10.3.2(A)
3541525	2022, 2022 Tribenuron crop label addition - Site Description, DACO: 10.2.3.3(B),10.3.2(A)
3541526	2022, 2022 Tribenuron crop label addition, DACO: 10.2.3.3(B),10.3.2(A)
3541527	2022, 2022 Tribenuron crop label addition, DACO: 10.2.3.3(B),10.3.2(A)
3541528	2022, 2022 Tribenuron crop label addition, DACO: 10.2.3.3(B),10.3.2(A)
3541529	2022, Cleat vs. Express SG Equivalency in Sunflowers, DACO: 10.2.3.3(B),10.3.2(A)
3541530	2023, 2023 Cleat/Tribenuron crop label addition, DACO: 10.2.3.3(B), 10.3.2(A)
3541531	2023, 2023 Cleat/Tribenuron crop label addition, DACO: 10.2.3.3(B), 10.3.2(A)
3541532	2023, 2023 Cleat/Tribenuron crop label addition, DACO: 10.2.3.3(B), 10.3.2(A)
3541533	2023, 2023 Tribenuron Crop Label Addition, DACO: 10.2.3.3(B), 10.3.2(A)
3541534	2023, 2023 Tribenuron crop label addition, DACO: 10.2.3.3(B),10.3.2(A)
3541535	2023, 2023 Tribenuron crop label addition, DACO: 10.2.3.3(B),10.3.2(A)
3541536	2023, 2023 Tribenuron crop label addition, DACO: 10.2.3.3(B),10.3.2(A)
3541537	2023, 2023 Tribenuron crop label addition, DACO: 10.2.3.3(B),10.3.2(A)
3541545	2023, Summary of Value to Adding Oats, Dry Beans, Field Peas, Lentils and Tribenuron-Methyl Tolerant Sunflowers to the Label for Cleat, DACO: 10.1, 10.2.2, 10.2.3.1, 10.2.3.4(B), 10.3.1, 10.4, 10.5.1, 10.5.2, 10.5.3, 10.5.4, 10.5.5

