

Evaluation Report for Category B, Subcategory 3.5 Application

Application Number: 2016-6603
Application: Changes to Product Labels - Rotational Crops/Plantback Interval
Product: Pixxaro A Herbicide
Registration Number: 31303
Active ingredients (a.i.): Halauxifen, present as methyl ester;
Fluroxypyr, present as 1-methylheptyl ester
PMRA Document Number: 2733486

Purpose of Application

The purpose of the application was to amend the registration of Pixxaro A Herbicide to add winter wheat and fall rye as new rotational crops that can be planted three months following an application.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

No residue data for the active ingredients halauxifen-methyl and fluroxypyr-meptyl were submitted to support the addition of rotational winter wheat and fall rye to the Pixxaro A Herbicide label. The maximum residue limits (MRLs) currently established for residues of halauxifen-methyl and fluroxypyr-meptyl, and the default MRL of 0.1 ppm where no specific MRL has been established, are considered adequate to cover the expected residue levels. Dietary exposure to halauxifen-methyl and fluroxypyr-meptyl is not expected to increase and will not pose an unacceptable health risk to any segment of the population, including infants, children, adults and seniors.

Toxicological and occupational exposure assessments were not required for this application.

Environmental Assessment

An environmental assessment was not required for this application.

Value Assessment

The addition of winter wheat and fall rye as rotational crops that may be planted three months after the application of Pixxaro A Herbicide will provide growers with greater flexibility to select rotational crops that fit with their operation and management practices.

Data from replicated small-plot field trials conducted between 2015 and 2016 in Alberta, Saskatchewan and Manitoba were provided. The trial data demonstrated that Pixxaro A Herbicide applied at rates up to 20 g halauxifen-methyl/ha + 144 g fluroxypyr-methylheptyl/ha (i.e., 2× maximum labelled rate) would not be expected to have a negative impact (phytotoxicity or yield) on winter wheat or fall rye planted 3 months after application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the amendment to the registration of Pixxaro A Herbicide to add winter wheat and fall rye as new rotational crops that can be planted three months following an application.

References

PMRA Document Number	Reference
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2691366	2016, Value Summary - Arylex Rotational Crop Safety, DACO: 10.1.
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2691368	2016, Trial Reports (3) - Arylex Rotational Crop Safety, DACO: 10.3.3.
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