

Tank mixes, New Pests

Evaluation Report for Category B, Subcategory 3.10, 3.11 Application

Application Number: 2022-2422
Application: Tank mixes, New Pests
Product: Intruvix Pro A Herbicide
Registration Number: 33868
Active ingredients (a.i.): Dicamba (present as sodium salt), tribenuron-methyl, metsulfuron-methyl
PMRA Document Number: 3396743
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Background

Intruvix Pro A Herbicide was first registered on September 24, 2020 and is for use in the Prairie Provinces and Peace River Region and the interior of British Columbia. Intruvix Pro A Herbicide is applied at 117.5 g product/ha in tank mixture with a labelled rate of glyphosate (present as the potassium salt, isopropylamine salt, or ammonium salt) with or without addition of a labelled rate of Aim EC Herbicide or Intruvix B prior to planting wheat or barley or after crop harvesting or in fallowed fields for management of a broad spectrum of weeds. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

The purpose of this application was to amend the registration of Intruvix Pro A Herbicide to 1) include the option of applying this product in a tank mixture with a labelled rate of glyphosate (present as potassium salt, isopropylamine salt, or ammonium salt) plus labelled rates of either PJ997 Herbicide or CF Herbicide; and, 2) add one new weed claim for the tank mix of Intruvix Pro A plus glyphosate plus either Aim EC Herbicide or Intruvix B.

Chemistry Assessment

A chemistry assessment was not required as there was no change to the product formulation.

Health and Environmental Assessment

Health and environmental assessments were not required as there was no change to host crops, application rates, methods, and timings.

Value Assessment

Value information was submitted in the form of a rationale in which the tank mixture of Intruvix Pro A Herbicide plus glyphosate plus either PJ997 Herbicide or CF Herbicide was extrapolated from an already-labelled and similar tank mixture that includes an alternate carfentrazone-ethyl product and that is also for use at the same active ingredient rates and on the same crops and use sites. A claim of control of black nightshade for the tank mixture of Intruvix Pro A plus glyphosate plus either Aim EC or Intruvix B was extrapolated from the labels of the two latter products.

As the tank mix includes four different mode of action (MOA) groups that are effective against multiple broadleaved weeds, it can be expected to mitigate the risk of resistance development of broadleaved weeds to one or more MOA groups, including multi-group resistant kochia.

This tank mix provides Canadian growers with an additional option to manage a broad spectrum of weeds prior to planting wheat or barley as well as in fallow or after crop harvesting.

Conclusion

The PMRA has conducted an assessment of the subject application and has determined that the submitted information is adequate to amend the registration of Intruvix Pro A Herbicide to include a tank mixture with glyphosate plus either PJ997 Herbicide or CF Herbicide and to include a claim of control of black nightshade for the tank mixture of Intruvix Pro A Herbicide plus glyphosate plus either Aim EC Herbicide or Intruvix B.

References

List of Studies/Information Submitted by Registrant

Value Assessment

3362060 2022, Rationale to Support the Tank Mix of INTRUVIX PRO A Herbicide + PJ997 Herbicide or CF Herbicide + Glyphosate, DACO: 10.1,10.2,10.2.3.1,10.6

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