

Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2009-0737
Application: B.3.10 – New Tank Mixes
Product: Kantoral
Registration Number: 29157
Active ingredients (a.i.): Triglyceride Ethoxylate 10 Poe (TXR)
PMRA Document Number: **2268496**

Purpose of Application

The purpose of this application was to amend the registration of Kantoral to include use with Signal Herbicide (240 g/L clodinafop-propargyl; Reg. No. 29172) and Aim EC Herbicide (240 g/L carfentrazone-ethyl; Reg. No. 28573) for control of labelled weeds in labelled host crops and use sites.

Chemistry Assessment

Chemistry assessment was not required for this application.

Health Assessments

Residue data for triglyceride ethoxylate were not submitted to support the addition of tank-mixes to the Kantoral Adjuvant label. Previously reviewed residue data from field trials conducted in/on wheat with clodinafop-propargyl and in/on several crops with carfentrazone-ethyl were assessed in support of this application. The mode of action of Kantoral Adjuvant involves the reduction of surface tension of the aqueous solution containing the active ingredient. It is unlikely that the use of Kantoral Adjuvant will lead to increased residues of the pesticides with which it is proposed to be used in/on targeted crops. As such, there is no expectation of an increase in residues or in dietary exposure to clodinafop-propargyl or carfentrazone-ethyl resulting from the tank-mixing of these products with Kantoral Adjuvant.

Environmental Assessment

This product is an adjuvant and as such does not have any inherently pesticidal properties. The main ingredient, ethoxylated soybean oil, is already used as a formulant in other products, is not considered hazardous to the environment and is not expected to persist once applied. The additional tank mixes for Kantoral in this application are not expected to result in increased risk to the environment.

Value Assessment

No value data were submitted with the subject application. Instead, the applicant referenced two previous submissions. The first referenced submission was App. No. 2007-2054 which was the original application submitted to register Kantoral (originally named “Enhance”). The second referenced application was App. No. 2009-0427, the purpose of which was to expand the Kantoral label to include its use with additional herbicides. Data submitted with these applications demonstrated the agronomic equivalence of “Kantoral” with Agral 90, i.e. Kantoral was supported for use as an alternative adjuvant to Agral 90 at the same rate as Agral 90 for herbicides listed on the accepted Kantoral label following review of these applications. Therefore, Kantoral can be supported for use at 0.25% v/v with Aim EC Herbicide as an alternative to Agral 90, one of the adjuvants labelled for use at 0.25% v/v.

As Signal Herbicide is only available as a tank mixture with Signal adjuvant, Signal Herbicide is not acceptable for use with Kantoral.

Conclusion

The PMRA has completed an evaluation of the available information and has found the information sufficient to amend the registration of Kantoral to include its application at 0.25% v/v with Aim EC Herbicide for labelled use sites.

References

None.

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