

Tank Mixes

Evaluation Report for Category C, Subcategory 3.10 Application

Application Number: 2009-5226
Application: Tank Mixes
Product: Starane Herbicide
Registration Number: 24815
Active ingredients (a.i.): fluroxypyr
PMRA Document Number : 1903520

Background

Starane Herbicide has been registered since January 23, 1997. The registered use pattern for this product includes post-emergence use alone and in 2- and 3-way tank mixtures that include MCPA LV500 Herbicide in spring wheat, durum wheat, and spring barley for the control or suppression of several weed species. 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 Starane Herbicide to include a tank mixture with MCPA Ester 600 Herbicide as an alternative option to MCPA LV500 Herbicide and in three-way tank mixtures with other labeled herbicides for control of labeled weed species in spring wheat, including durum, and spring barley.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since the use pattern, including host crops, application rates and timings, of the component products remained unchanged.

Value Assessment

A rationale was submitted in which it was argued that MCPA Ester 600 herbicides (several registered products) are sufficiently similar to MCPA LV 500 herbicides (several registered products) and that tank mixtures of MCPA Ester 600 Herbicide plus Starane II Herbicide (Reg. No. 29463) are registered and that Starane II has been demonstrated to be agronomically equivalent to Starane Herbicide (App. No. 2007-2288) when applied alone or in tank mixtures. The rationale was considered adequate to support the requested amendment to include MCPA Ester 600 Herbicide as an alternative option to MCPA LV500 Herbicide when tank mixing with Starane Herbicide.

Conclusions

The Agency has completed an assessment of the subject application and has found the information sufficient to amend the registration of Starane Herbicide to include the option of tank mixing with MCPA Ester 600 Herbicide for post-emergence application to spring wheat, including durum, and spring barley for control or suppression of labeled weeds.

References

List of Studies/Information Submitted by Registrant

Value Assessment

PMRA No. 1837074 2009. Waiver for Part 10 Value for Starane + MCPA 600 Tank Mix.

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