

Evaluation Report for Category C, Subcategory C.3.10 Application

Application Number: 2006-2683, 2006-2684
Application: New or Changes to Product Labels-Tank Mixes
Product: Matador 120EC Emulsifiable Concentrate Insecticide and Achieve Liquid Herbicide
Registration Number: 24984 and 27011
Active ingredients (a.i.): Cyhalothrin-Lamba
PMRA Document Number: 1383297

Background Value Assessment

Three small-plot field studies were performed in 2005 which examined the effect of a tank mix with Achieve Liquid Herbicide on the insecticidal activity of Matador 120 EC for control of grasshoppers in wheat (2 trials) and barley (1 trial). One additional field trial was performed in 2001 which tested applications of Matador 120 EC in combination with Achieve Liquid Herbicide on fallow pastures for control of grasshoppers.

No difference was seen in the performance of Matador 120 EC alone vs Matador 120 EC tank-mixed with Achieve Liquid Herbicide for control of grasshoppers in either wheat or barley. The field trial on fallow pastureland confirmed these results. The submitted data supports the efficacy of the insecticidal component of the tank mix of Matador 120 EC with Achieve Liquid Herbicide.

Conclusion

The proposed tank mix is acceptable.

Reference List

A. List of Studies/Information Submitted by Applicant

PMRA 1251365 Efficacy: Small-Scale Trials (Field, Greenhouse). 91 pp. DACO 10.2.3.3.

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