

Evaluation Report for Category C, Subcategory 3.10 Application

Application Number: 2012-1162
Application: Addition of Overdrive Herbicide to the Hasten NT Spray Adjuvant label
Product: Hasten NT Spray Adjuvant
Registration Number: Reg. No. 28277
Active ingredients (a.i.): Methyl and ethyl oleate (esterified vegetable oil) at 71.44%
PMRA Document Number: 2195396

Background

Hasten NT Spray Adjuvant (Reg. No. 28277), is a blend of esterified vegetable oil and non-ionic surfactant that is currently labelled for use with Option 35 DF (Reg. No. 27425), Refine Extra 75 DF (Reg. No. 22352), Refine SG Herbicide (Reg. No. 28285), Refine SG Toss-N-Go Herbicide (Reg. No. 28286), Adrenalin SC Herbicide (Reg. No. 27879), Coragen Insecticide (Reg. No. 28982), Escort Herbicide 60% DF (Reg. No. 23005), VisionMax Silviculture (Reg. No. 27736), Telar Herbicide Toss-N-Go (Reg. No. 21533) and Roundup Ultra 2 Liquid Herbicide (Reg. No. 28486). In all the registered tank mixes, Hasten NT Spray Adjuvant is substituted for the non-ionic surfactant listed on the respective pesticide label.

Purpose of Application

The registrant requested the addition of Overdrive Herbicide (PCP # 30065), which contains diflufenzopyr at 20% acid equivalent (a.e.) and dicamba, present as sodium salt, at 50% a.e., as tank mix partner on the Hasten NT Spray Adjuvant label. Hasten NT Spray Adjuvant is to be used with Overdrive Herbicide in replacement of a non-ionic surfactant at a rate of 0.25% v/v.

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 use site categories, application rates and timings, of the component products remained unchanged.

Value Assessment

Based on the number of herbicides already registered for use with Hasten NT Spray Adjuvant in lieu of a non-ionic surfactant and based on the data from one trial provided by the applicant, the addition of Overdrive Herbicide to the Hasten NT Spray Adjuvant can be supported from a value perspective when applied as directed.

Conclusion

The PMRA completed an evaluation of the subject application and found the information sufficient to amend the label of Hasten NT Spray Herbicide to include Overdrive Herbicide as a tank mix partner.

References

A. List of Studies/Information Submitted by Registrant

- 2172165 2012, Vegetative Management Field Trial Evaluation of Hasten NT + Overdrive herbicide for vegetation control, DACO: 10.1, 10.2.3, 10.3.1
- 2172166 2012, Vegetative Management Field Trial Evaluation of Hasten NT + Overdrive herbicide for vegetation control, DACO: 10.1, 10.2.3, 10.3.1
- 2172168 2011, Vegetative Management Field Trial Hasten NT + Overdrive Herbicide, DACO: 10.2.3.3(B)

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