

Evaluation Report for Category C, Subcategory C.3.1 Application (New or Changes to Product Label – Application Rate Decrease)

Application Number: 2011-5702
Application: Category C, Subcategory C.3.1 (new or changes to product label – application rate decrease)
Product: Hasten NT Spray Adjuvant
Registration Number: 28277
Active ingredients (a.i.): 71.44% methyl and ethyl oleate (esterified vegetable oil)
PMRA Document Number : 2161341

Background

Hasten NT Spray Adjuvant is a non-ionic surfactant and registered for use with Option 35DF, Refine Extra / SG, Adrenalin SC, DuPont Escort, VisionMax, Telar, Roundup Ultra 2, and Coragen Insecticide. 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 purposes of this application are to revise the rates of Hasten NT Spray Adjuvant (1) from 0.5% v/v to a range of 0.2-0.5% v/v when applying in tank mix with DuPont Escort (Reg. No. 23005; 60% metsulfuron-methyl) and (2) from 0.2% v/v to a range of 0.1-0.2% v/v when applying in tank mix with Telar (Reg. No. 21533; 75% chlorsulfuron). The higher rates are for higher weed pressures.

Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, formulation, and use pattern.

Value Assessment

Data from 2 efficacy trials conducted in Ontario in 2011 demonstrated that (1) the efficacy of DuPont Escort in tank mix with Hasten NT Spray Adjuvant at 0.5% v/v was comparable to that with Hasten NT Spray Adjuvant at 0.2% v/v and (2) the efficacy of Telar in tank mix with Hasten NT Spray Adjuvant at 0.2% v/v was comparable to that with Hasten NT Spray Adjuvant at 0.1% v/v.

Since DuPont Escort and Telar are registered for non-crop use only, crop tolerance data are not required.

Conclusions

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Hasten NT Spray Adjuvant to revise the application rates (1) from 0.5% v/v to a range of 0.2-0.5% v/v for use in tank mix with DuPont Escort and (2) from 0.2% to a range of 0.1-0.2% v/v for use in tank mix with Telar.

Reference

List of Studies/Information Submitted by Registrant

PMRA # 2132455: 2011 Hasten NT vegetative management in field trials. DACO 10.2.3.3. pp. 5.

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