

Evaluation Report for Category C, Subcategory C.3.11 Application

Application Number: 2012-1864
Application: Category C, Subcategory C.3.11 (New or Changes to Product Label – New Pests)
Product: PP-31155 Herbicide
Registration Number: 29579
Active ingredients (a.i.): 30.8% Thifensulfuron-methyl
15.4% Tribenuron-methyl
4.6% Metsulfuron-methyl
PMRA Document Number: 2209162

Background

PP-31155 Herbicide is registered for post-emergent use on spring wheat (including durum) and spring barley in the Prairie Provinces and the Peace River region of British Columbia, for selective post-emergent control or suppression of certain broadleaf weeds. PP-31155 Herbicide is a physical blend to be applied at the equivalence of 10 g a.i./ha thifensulfuron methyl, 5 g a.i./ha tribenuron methyl and 1.5 g a.i./ha metsulfuron methyl. 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 applicant has applied to amend the registration of PP-31155 Herbicide to include a control claim of annual sow-thistle for the registered tank mix of PP-31155 Herbicide (16.5 g a.i./ha) plus MCPA Ester Herbicide (280 g a.e./ha).

Chemistry, Health, and Environmental Assessments

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

Value Assessment

Value information provided included data from 4 efficacy trials conducted in Alberta and Manitoba over 3 years. The efficacy of the tank mix of PP-31155 Herbicide at 16.5 g a.i./ha + MCPA Ester Herbicide at 280 g a.e./ha for control of annual sow thistle in spring wheat was evaluated in these trials. Mean annual sow thistle control was 80% at the early season rating and 91% at the late season rating. Therefore, a control claim for annual sow-thistle was supported for the treatment of PP-31155 Herbicide + MCPA Ester Herbicide.

Conclusions

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of PP-31155 Herbicide to include a control claim annual sow-thistle.

Reference

List of Studies/Information Submitted by Registrant

PMRA # 2191719: 2012, PP-31155 Herbicide + MCPA Ester Herbicide for Control of Annual Sow-Thistle, DACO: 10.1,10.2.3,10.2.3.3(B),10.3.2(A)

PMRA # 2191720: 2012, PP-31155 Herbicide + MCPA Ester Herbicide for Control of Annual Sow-Thistle (Supplement 1, Raw Data), DACO: 10.1,10.2.3,10.2.3.3(B),10.3.2(A)

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