

Evaluation Report for Category C, Subcategory C.3.11 Application

Application Number: 2011-5345
Application: Category C, Subcategory C.3.11 Application (New Pests)
Product: Barricade SG Herbicide
Registration Number: 29544
Active ingredients (a.i.): 25% thifensulfuron-methyl & 25% tribenuron-methyl
PMRA Document Number English PDF: 2147086

Background

Barricade SG (Reg. No. 29544) containing 25% thifensulfuron-methyl & 25% tribenuron-methyl is a Group 2 herbicide registered for post-emergent use on spring wheat (including durum) and spring barley in the Prairie Provinces and Peace River Region of British Columbia for selective post-emergent control or suppression of certain broadleaf weeds. 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 submission was to add stork's bill (1-6 leaf) to the list of weeds controlled with a herbicide tank mix of Barricade SG plus Perimeter or Perimeter II.

Chemistry Assessment

A chemistry assessment was not required as there was no change to the product chemistry.

Health Assessment

A health assessment was not required as there was no change to the product formulation and use pattern.

Environmental Assessment

An environmental assessment was not required as the tank mix partners were already registered for the same uses.

Value Assessment

Efficacy data from 4 trials conducted over a 2 year period (1 trial in 2010 and 3 trials in 2011) at 4 sites in Alberta were submitted to support the addition of stork's bill (1-6 leaf) as a weed control claim to the Barricade SG Herbicide label following a post-emergent tank mix application with Perimeter, or Perimeter II herbicides in spring wheat, durum wheat and spring barley.

The tank mix treatment provided an acceptable and comparable level of stork's bill control to that of the commercial treatment, Attain Herbicide Tank Mix.

The submitted information was sufficient to support the addition of stork's bill (1-6 leaf) to the list of weeds controlled with a post-emergent tank mix application of Barricade SG plus Perimeter or Perimeter II in spring wheat, durum wheat and spring barley.

Conclusions

The PMRA has completed an assessment of the subject application and found the information sufficient to support and addition of stork's bill (1-6 leaf) to the list of weeds controlled with a post-emergent tank mix application of Barricade SG plus Perimeter or Perimeter II in spring wheat, durum wheat and spring barley.

References

PMRA # 2124831 2011. PP-2525 Herbicide + Fluroxypyr to Control Storks bill in Cereal Crops (Supplement 1), DACO: 10.2.3.3,10.2.3.3(B),10.3.2(A). unpublished.

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