



Evaluation Report for Category C, Subcategory 3.10 Application

Application Number: 2009-0926
Application: Cat C 3.10
Product: Credit 45 Herbicide
Registration Number: 29124
Active ingredients (a.i.): glyphosate, present as isopropylamine salt.
PMRA Document Number : 1812728

Background

Credit 45 Herbicide is a water soluble herbicide for non-selective weed control for agricultural and industrial purposes. It is registered by Nufarm Agriculture Inc. It contains glyphosate, presents as isopropylamine salt, at 450 g a.e. per Litre. The following tank mixes are currently registered on the Credit 45 Herbicide label: Pardner, 2,4-D, MCPA and Buctril M when applied before crop emergence and Lontrel when applied in canola; Pursuit and Assure II when applied in soybeans and with atrazine and Marksman Herbicide when applied in corn. The rates of application vary from 270 g a.e./ha to 1800 g a.e./ha according to weeds and crops combinations.

Purpose of Application

The purpose of this application was to amend the registration of Credit 45 Herbicide to include a tank mixture with Aim EC Herbicide (Reg. No. 28573), containing 240 g/L carfentrazone-ethyl. The tank mixture is for use in Canada and is to be applied pre-emergence to crops. The tank mix is for the control or suppression of weeds listed on the Credit 45 Herbicide label plus volunteer glyphosate tolerant canola, volunteer canola, dandelion, kochia, horsetail, field pennycress, Pennsylvania smartweed, Russian thistle, chickweed, lamb's quarters, morning glory, shepherd's purse and tansy mustard.

Chemistry Assessment

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

Health Assessments

Health assessments were not required since the use pattern, including host crops, application rates and timings, of the component products remained unchanged.

Environmental Assessment

Environmental assessment was not required since the use pattern, including host crops, application rates and timings, of the component products remained unchanged.

Value Assessment

A rationale, submitted by Nufarm Agriculture Inc., was determined to be supportive that the subject tank mix combination would provide acceptable control of all weeds listed on the respective Credit 45 Herbicide and Aim EC Herbicide labels.

Conclusion

The PMRA completed an evaluation of the subject application and found the information sufficient to amend the registration of the Credit 45 Herbicide label to include the tank mix of Credit 45 (450-900 g a.e./ha) + Aim EC (8.76 – 17.52 g a.i./ha) for the post-emergent control of currently labelled broadleaf and grass weeds when the tank mix is applied pre-emergence to the crop.

References

A. List of Studies/Information Submitted by Registrant

PMRA No. 1732161 2009. A Rationale in Support of the Addition of Three Tank-mix Recommendations to the Credit 45 Herbicide Label. DACO 10.1

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