

Addition of New Pests

Evaluation Report for Category B, Subcategory B.3.3, B.3.11 Application

Application Number: 2011-5578
Application: Category B, Subcategory B.3.11 (addition of new pests), B.3.3 (Application Number or Frequency)
Product: RagWeed Off
Registration Number: 29190
Active ingredients (a.i.): sodium chloride
PMRA Document Number: 2190669

Background

RagWeed Off has been registered since March 9, 2009. It is registered for the control of common ragweed, giant ragweed and poison ivy in non-crop areas such as roadsides, highways, in pathways, in vacant lots and industrial areas. 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 application was to amend the registration of RagWeed Off to include an additional weed claim, giant hogweed.

Chemistry Assessment

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

Health Assessments

The addition of giant hogweed to the label will not increase the risk due to exposure of an individual to the active ingredient, sodium chloride. Therefore, an HED assessment was not required.

Environmental Assessment

The use of sodium chloride for control of giant hogweed requires an increased application rate (up to 437.5 kg a.i./ha ,four times per season) from the original registered rates. An environmental risk assessment considering this increase in rate indicated potential risk towards

birds, small mammals, amphibians, and terrestrial plants. The risk to birds and small mammals are expected to be mitigated under field conditions because any potential toxicity due to the acute intake of sodium chloride by these animals would likely be off-set by their consumption of readily available fresh drinking water. Buffer zone are stipulated on the label for mitigation of potential risk to amphibians and terrestrial plants under certain use patterns. Therefore, under field conditions and by following label directions, potential risk to birds, small mammals, amphibians, and terrestrial plants for the current use pattern on giant hogweed is expected to be minimal.

Value Assessment

Data were submitted from five field trials conducted in 2011 in Quebec. Control values for giant hogweed when treated with RagWeed Off were acceptable when treated with a minimum of two applications and a minimum concentration of 150 L/ha.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of RagWeed Off. The claim of control for giant hogweed is acceptable.

References

A. List of Studies/Information Submitted by Registrant

PMRA Document Number: 2131135

Reference: 10.2 Evaluation of the herbicide Ragweed Off, DACO: 10.2

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