

GF2050 Herbicide

Evaluation Report for Category B Streamlined, Subcategory 3.11 Application

Application Number: 2014-4175
Application: Category B, Subcategory 3.11 Application (new or changes to product labels – new pests)
Product: GF2050 Herbicide
Registration Number: 29745
Active ingredients (a.i.): aminopyralid [AMD] + metsulfuron-methyl [MEM]
PMRA Document Number : 2504528

Background

GF2050 Herbicide (Reg. No. 29745) was first registered in June of 2010. GF2050 Herbicide contains 52.5% w/w aminopyralid present as a potassium salt and 9.45% w/w metsulfuron-methyl (Group 4 and Group 2 Herbicide) and is labelled for post-emergent control of annual and perennial broadleaf weeds, invasive plants and shrubs on rangeland, permanent pasture, rights-of way, industrial and other non-crop areas of Canada. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Purpose of Application

Dow AgroSciences Canada Inc. has applied to amend the registration of GF2050 Herbicide to include control of 12 new weed species (i.e., hoary alyssum and wild carrot at 170 g/ha; babysbreath, black henbane, wild caraway, and wild parsnip at 200 g/ha; orange hawkweed, yellow hawkweed, diffuse knapweed, brown knapweed, purple loosestrife, and Japanese knotweed at 230 g/ha).

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and Environmental assessments were not required since the use pattern, including host crops, application rates and timings of the component products remain unchanged.

Value Assessment

Use history information was provided in support of the registration amendment request. The use history information stated that one similar U.S. herbicide product (i.e., Opensight Specialty Herbicide (EPA Reg. No. 62719-597)) and one U.S. product that contains only aminopyralid in a liquid formulation (i.e., Milestone Specialty Herbicide (EPA Reg. No. 62719-519)) both provide a level of weed control that is consistent, meets user expectations and is comparable to the control achieved with commercial standards. The use history information also indicated that

both Opensight Specialty Herbicide and Milestone Specialty Herbicide have been, and continue to be, key tools for U.S. invasive broadleaf weed management in the industrial market since their registration in 2005 and 2008, respectively. Based on all available information, control of hoary alyssum, babysbreath, wild caraway, wild carrot, orange hawkweed, yellow hawkweed, diffuse knapweed, brown knapweed, purple loosestrife, wild parsnip, black henbane and Japanese knotweed would be expected when GF2050 Herbicide is applied as per label directions.

The 12 subject weed species are all introduced species to Canada (i.e., they are not native), many of which are reported to exist in all provinces. Many of these weed species, if not all, can be difficult to control, so having another viable chemical option for their management would be of benefit to operators / caretakers of rangeland, permanent pastures, rights-of-way etc. Accordingly, an amendment to the registration of GF2050 Herbicide to include all 12 aforementioned weeds for control can be supported from a value perspective.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of GF2050 Herbicide by including control of 12 new weed species (i.e., hoary alyssum, babysbreath, wild caraway, wild carrot, orange hawkweed, yellow hawkweed, diffuse knapweed, brown knapweed, purple loosestrife, wild parsnip, black henbane and Japanese knotweed).

References

PMRA Doc Number	Reference
2458883	2014, Use History of Aminopyralid in US to Support Addition of Weeds, DACO: 10.3.4

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