

Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2009-3104
Application: B.3.10 – Addition to Product Labels - Tank Mixes
Product: Aim EC Herbicide
Registration Number: 28573
Active ingredients (a.i.): Carfentrazone-ethyl (CAE)
PMRA Document Number English PDF: 2023334

Purpose of Application

The purpose of this application was the modification of label statements to include a tank mixture with various salt formulations of glyphosate for use on small grains (barley, millet, oats, sorghum and wheat) and dried shelled pea and bean (excluding lentil and soybean). In addition, there were amendments proposed to the use directions, timing for harvest aid treatments and the adjuvant statements.

Chemistry and Health Assessments

The chemistry and health assessments were not required for this application.

Environmental Assessment

No additional environmental data were required to change the application timing to dried shelled beans and peas or to support the registration of the tank mix of Aim EC Herbicide with glyphosate products as a harvest aid on small grains (barley, millet, oats, sorghum and wheat) and crop sub-group 6C: dried shelled pea and bean (except lentil and soybean). Environmental exposure is expected to be the same as for other registered uses. Environmental concerns related to the tank mix with glyphosate products have been mitigated through adequate statements on the product label but may undergo revision based upon the re-evaluation of glyphosate.

Value Assessment

A scientific rationale was submitted for review in support of a tank mix of Aim EC Herbicide plus glyphosate as a harvest aid treatment. In addition, there were amendments made to the use directions, timing for harvest aid treatments and the adjuvant statements, in three sections of the Aim EC Herbicide label (Pre-Plant Burndown and Fallow Systems, Hooded Sprayer Applications and Harvest Aid Treatment). A generic adjuvant statement to include all non-ionic surfactants and crop oil concentrates was proposed by the applicant.

The Aim EC Herbicide plus glyphosate tank mix is currently approved on the Aim EC Herbicide label for pre-plant burndown and fallow systems. The glyphosate products that were added to the Aim EC Herbicide label for harvest aid treatment are present as isopropylamine and potassium salts which are already registered for use in tank mix with Aim EC Herbicide. The tank mixture of Aim EC Herbicide plus glyphosate (present as isopropylamine salt and potassium salt, registered for pre-harvest use on small grains and crop sub-group 6-C) as a harvest aid treatment was supported with the information provided.

The amendments to change the use directions and timing for harvest aid application on the Aim EC Herbicide label are supported.

The original approved adjuvant statement for the Pre-Plant Burndown and Fallow Systems, Hooded Sprayer Applications, and Harvest Aid Treatment Sections must remain on the Aim EC Herbicide label, since there were no data provided to support the proposed generic adjuvant statement to include all non-ionic surfactants and crop oil concentrates in the three sections of the label.

Conclusion

The Pest Management Regulatory Agency has conducted a review of this application and found the information sufficient to include the tank mixture and make some of the requested label amendments. Please refer to the registered label for more details.

References

PMRA#	Reference
1790881	2008, 10.1 Summaries - Aim + Glyphosate Harvest Aid Use, DACO: 10.1
1790882	2008, 10.2.3.1 Summaries Aim + Glyphosate Harvest Aid, DACO: 10.2.3, 10.2.3.1, 10.2.3.3, 10.2.3.3(B)
1790884	2008, 10.3.2 Adverse Effects, DACO: 10.3.2
1801269	2009, Intent of submission, DACO: 0.8

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