

Evaluation Report for Category B, Subcategory 3.10 Application

Application Number: 2008-3090
Application: B.3.10 New or Changes to Product Labels-Tank Mixes
Product: Horizon W.O. Herbicide (Component of Horizon W.O. Herbicide Tank Mix)
Registration Number: 25477
Active ingredients (a.i.): clodinafop-propargyl (CFP)
PMRA Document Number: 1804445

Purpose of Application

Syngenta Crop Protection Canada has submitted an application to amend the label to include a tank mix partner with Pulsar Herbicide.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

Residues of dicamba and fluroxypyr in/on wheat commodities treated with the tank-mix of Horizon W.O. Herbicide (A Component of Horizon W.O. Herbicide Tank Mix) and Pulsar Herbicide are not expected to increase given that the application rates are identical to those rates on the Pulsar Herbicide label. Similarly, residues of clodinafop-propargyl are not expected to increase given that the application rates are similar to the registered rates when applied alone and when tanked-mixed with dicamba or with fluroxypyr. Accordingly, exposure to residues of clodinafop-propargyl, dicamba and fluroxypyr is not expected to increase for any population subgroup.

Environmental Assessment

The tank mix rates were lower or equal to currently registered rates. No additional environmental risk is expected from the tank mixing of Horizon W.O. Herbicide with Pulsar Herbicide. Therefore, additional environmental data were not required to support the registration of Horizon W.O. Herbicide as a tank mix with Pulsar Herbicide. Environmental concerns are mitigated on the existing label.

Value Assessment

In support of the Horizon plus Pulsar Herbicide tank mixture, efficacy data were submitted (under application number 2008-1473) from 37 field trials conducted in 2006 or 2007 in Alberta, Saskatchewan or Manitoba. Efficacy data for the tank-mixture for lamb's-quarters, wild buckwheat, redroot pigweed, kochia, wild oats and green foxtail were directly compared to efficacy data for Pulsar applied alone or Horizon applied alone. Overall, the Horizon plus Pulsar Herbicide tank mixture provided acceptable control of all weed species. However, in some trials the level of control for wild oats and green foxtail for the tank mixture was lower than that for Horizon 240EC Herbicide applied alone. Performance was acceptable in terms of crop safety, visually assessed as percent injury, for spring wheat.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the amendment of the Horizon W.O. Herbicide (Component of Horizon W.O. Herbicide Tank Mix) to include Pulsar Herbicide as a tank mix partner.

References

PMRA Document Number: 1584503

Reference: EFFICACY SUMMARY- TM of DYCLEER + STARANE- Field Trial Reports 2005,
DACO: 10.2.3.3

PMRA Document Number: 1584504

TOLERANCE SUMMARY- TM of DYCLEER + STARANE- Field Trials 2006, 2007,
DACO: 10.2.3.3

PMRA Document Number: 1584505

Reference: EFFICACY SUMMARY- TM of DYCLEER + STARANE- Field Trials 2006,
DACO: 10.2.3.3

PMRA Document Number: 1584506

Reference: 2007, EFFICACY SUMMARY- TM of DYCLEER + STARANE- Field Trials 2007,
DACO: 10.2.3.3

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