

Evaluation Report for Category B, Subcategory B 3.10 Application (New or Changes to Product Label – Tank mixes)

Application Number: 2019-5804
Application: Category B, Subcategory B 3.10
Product: Python A Herbicide
Registration Number: 33279
Active ingredients (a.i.): imazamox 80 g ai/L
PMRA Document Number: 3097972

Background

Python A Herbicide is registered for selective weed control and applied post-emergence in field peas, soybeans and dry beans. 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 registrant has applied to amend the Python A Herbicide (Reg. No. 33279) label to lower the rate of a tank mix partner, Python B Herbicide (Reg. No. 33282, bentazon, 432 g a/e/ha) and add claims associated with that rate.

Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, or use pattern.

Value Assessment

Value summaries were submitted in support of the lower rate of Python B Herbicide. The summaries discussed the results of replicated field trials conducted from 2014 to 2019 in western Canada as well as rationales. The data and rationale provided support a claim of control of prostrate pigweed for Python A Herbicide alone at the labelled rate and a claim of control of biennial wormwood with the tank mix with 432 g ae/ha of Python B Herbicide. In addition, the data support claims of more consistent control of prostrate pigweed, redroot pigweed and lamb's quarters (including Group 2 resistant biotypes), wild buckwheat and volunteer canola (including Clearfield varieties). A rationale was also provided that outlines additional benefits of the registration of the tank mix with Python B Herbicide at a lower rate of 432 g ae/ha.

Presently there is only product available on the market to growers which employs this lower rate of bentazon while still maintaining acceptable control of weeds. The registration of the tank mix of Python A Herbicide + Python B Herbicide at those same rates would provide growers with an alternative which creates more competition in the marketplace.

Conclusions

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Python A Herbicide to include a reduced rate for the Python B Herbicide tank mix partner as well as the aforementioned new weed claims.

References

List of Studies/Information Submitted by Registrant

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