

Evaluation Report for Category B, Subcategory B 3.11 Application (New or Changes to Product Label – New Pests)

Application Number: 2021-1410
Application: Category B 3.11 (New or changes to product label – new pests)
Product: Focus Herbicide
Registration Number: 32292
Active Ingredient (a.i.): 447 g/L pyroxasulfone and 53 g/L carfentrazone-ethyl
PMRA Document Number: 3255731

Background

Focus Herbicide is registered for pre-plant and pre-emergent control of annual grasses and broadleaf weeds in spring and winter wheat, field corn, soybean, and lentils. It is recommended for application alone or in tank mix with listed herbicides, including glyphosate. 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 add early-season control or suppression of additional (labelled) weed species in the spring via a fall application at 280-336 mL/ha.

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 information submitted for review included data from replicated field trials, where fall applications of Focus Herbicide at 280 and 336 mL/ha were compared to spring applications at the same rates. Following the spring applications, fields were planted to spring wheat, soybean, field corn, or lentil or summer-fallowed. Efficacy of the fall application was compared to the spring application for control of redroot pigweed, lamb's-quarters, kochia, downy brome, barnyard grass, and green foxtail in the submitted trials. The efficacy data demonstrated that the fall application of Focus Herbicide provided a similar or greater level of weed control/suppression compared to the spring application.

Amending the fall application directions as per the label provides users clearer instructions to apply this product in the fall based on the crop cultivation needs and climate conditions.

Conclusion

The PMRA has completed an assessment of the subject application and has found the information sufficient to support the requested amendments to the registration of Focus Herbicide.

Reference

List of Studies/Information Submitted by Registrant

PMRA # 3217233 2021, Value summary: Fall application of Focus Herbicide - additional weed efficacy, DACO: 10.1, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3, 10.3.2, 10.3.3, 10.4, 10.5.1, 10.5.2, 10.5.3, 10.5.4, and 10.5.5.

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