



Prospect Herbicide

Evaluation Report for Category B Streamlined, Subcategory 3.11 Application

Application Number: 2021-2073
Application: Category B, Subcategory 3.11 Application (new or changes to product labels –new pests)
Product: Prospect Herbicide
Registration Number: Reg. No. 33635
Active ingredient (a.i.): carfentrazone-ethyl [27.97 g/L] and halauxifen [15 g/L]
PMRA Document Number : 3276484

Background

Prospect Herbicide is registered for broadleaf weed control prior to seeding canola, Juncea canola, Polish canola, flax, mustard (including Abyssinian, oriental, brown and yellow mustard), soybeans, field peas, field corn, spring wheat, durum wheat and spring barley. 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 amend the registration of Prospect Herbicide by adding the following efficacy claims when applied at 0.333 L product/ha (9.3 g carfentrazone-ethyl/ha + 5 g halauxifen/ha) with or without 0.5% methylated seed oil (MSO).

Control claims for:

- American dragonhead (up to bud stage and 15 cm in height);
- barnyard grass (up to the 5-leaf, 2-tiller stage);
- chickweed (up to 8 leaves);
- cow cockle (up to the 8-leaf stage and 15 cm in height);
- volunteer flax (up to 15 cm in height);
- Canada fleabane (up to 8-leaf stage and <10 cm in height)◆;
- henbit (up to bud stage and 15 cm in height);
- common ragweed (up to 6-leaf stage)◆;
- round-leaved mallow (up to 6-leaf stage); and
- stork's bill (up to the 8-leaf stage).

Suppression claims for:

- kochia◆◆ (up to the 8-leaf stage); and
- annual sow-thistle (up to 5 leaf stage).

- ◆including Group 9 (glyphosate) and 2 (ALS inhibiting herbicides) resistant biotypes.
- ◆◆light to moderate infestations (up to 150 plants/m²; up to 15 cm in height).

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 product, remained unchanged.

Value Assessment

The addition of control claims for American dragonhead, barnyard grass, chickweed, cow cockle, volunteer flax, Canada fleabane, henbit, common ragweed, round-leaved mallow, and stork's bill and suppression claims for kochia and annual sow-thistle with Prospect Herbicide provides growers with an additional management tool to control these weeds in variety of labelled crops.

Efficacy data from field trials and rationales demonstrated that adequate control or suppression would be expected for all twelve weeds, as requested, with Prospect Herbicide applied at 0.333 L product/ha.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of Prospect Herbicide to include the requested label claims.

References

PMRA Doc Number	Reference
3230385	2021, Value Rationale, DACO: 10.1.
3230387	2021, Small Scale Trial Reports, Summary Table, Prospect Herbicide, DACO: 10.2.3.3, 10.3.1.

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