

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

Application Number: 2019-5246
Application: Category B, Subcategory B 3.11
Product: Express SG Herbicide
Registration Number: 28262
Active ingredients (a.i.): Tribenuron-methyl 50%
PMRA Document Number :3086558

Background

Express SG Herbicide provides control of certain broad-leaved weeds in summerfallow, as a postharvest treatment and on fields to be planted to spring wheat (including durum), winter wheat, spring barley, oats, canary seed, pulse crops (including chickpea, dry bean, faba bean, field pea, lentil, lupin and soybean), alfalfa, red clover, alsike clover smooth brome grass, meadow brome grass, timothy and creeping red fescue and in pasture and rangeland and as well as in tribenuron-methyl tolerant sunflowers. 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 Express SG Herbicide label to include a claim of control of common chickweed (up to 8- leaf stage), in tank mix with 450 g ae/ha glyphosate +/- 70 g ae/ha dicamba.

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

The applicant submitted a value summary outlining the results of small scale field trials in which the efficacy of glyphosate alone was compared to that of Express SG + glyphosate. The results indicate improved control of common chickweed with the tank mix, especially at the late evaluation timing of 35-51 days after application. Data were not provided for the tank mix with dicamba however the addition of dicamba to the tank mix is not expected to negatively impact control of common chickweed.

The information provided supports the value of adding common chickweed to the Express SG Herbicide label.

Conclusions

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of Express SG Herbicide to include a claim of common chickweed control in tank mix with 450 g ae/ha glyphosate +/- 70 g ae/ha dicamba.

References

List of Studies/Information Submitted by Registrant

3034882, 2019, Express SG Herbicide plus glyphosate for control of common chickweed (*Stellaria media*), DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3(B)

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