

Express SG Herbicide

Evaluation Report for Category B Streamlined, Subcategory 3.10 Application

Application Number: 2020-1965
Application: Category B, Subcategory 3.10 Application (new or changes to product labels – tank mixes)
Product: Express SG Herbicide
Registration Number: 28262
Active ingredient (a.i.): tribenuron-methyl [MEX]
PMRA Document Number : 3170801

Background

Express SG is registered for post-emergent control of certain broad leaved weeds in summerfallow, as a post-harvest 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 certain broadleaf weeds in tribenuron-methyl tolerant sunflowers (e.g. ExpressSun™ Sunflowers SU7). 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 Express SG Herbicide per the following:

1. add new adjuvants for the ExpressSun Sunflower use pattern;
2. reinstate tank mixes for use on ExpressSun Sunflowers that were deleted under Notification 2015-2186;
3. add a higher rate of glyphosate (810 g ae/ha) when tank mixed with Express SG Herbicide (with and without labelled tank mix partners) to control additional weed species before seeding labelled crops;
4. remove lower rates of glyphosate (270 and 360 g ae/ha) when tank mixed with Express SG Herbicide (with and without labelled tank mix partners); and
5. minor format changes/clarify wording.

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 timings and the maximum application rate was unchanged.

Value Assessment

The registration amendments provide 1) growers with more options to control a broad range of grass and broadleaf weeds in pre-seed, chemfallow and post-harvest applications using higher glyphosate rates, 2) sunflower growers with more tank mix options and greater flexibility when it comes to selecting a preferred and/or available adjuvant and 3) greater clarity to label verbiage.

Rationales, in addition to current and historic registered use patterns, demonstrated the acceptability of all requested label amendments.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the submitted information to be adequate to amend the registration of Express SG Herbicide as requested.

References

PMRA Doc Number	Reference
3122521	2020, Rationale to Support the Use of Additional Adjuvants with Express SG Herbicide for ExpressSun Sunflowers, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3(B).
3122522	2020, Rationale to Support the Tank Mix of Express SG Herbicide plus Higher Rate of Glyphosate, 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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