

Evaluation Report for Category B, Subcategory 3.5, 3.10, 3.12 Application

Application Number: 2018-1637
Application: B.3.5: Rotational Crops/Plantback Interval
B.3.10: Tank Mixes
B.3.12: Site or Host
Product: Eclipse XC B Herbicide
Registration Number: 32852
Active ingredients (a.i.): Glyphosate present as dimethylamine salt
PMRA Document Number : 2998986

Purpose of Application

The purpose of this application was to amend the registration of Eclipse XC B (Reg. No. 32852) with the following:

- (1) To include glyphosate tolerant corn as a host crop when corn is at the spike to 8-leaf stage.
- (2) To include soybeans, field peas, and sugar beets as rotational crops that can be safely planted in the following year.
- (3) To replace Lontrel 360 (Reg. No. 23545; clopyralid at 360 g/L) with Eclipse XC A (Reg. No. 32883, active ingredient clopyralid) at the same active ingredient rate as a tank mix partner on the Eclipse XC B label.

Chemistry Assessment

Chemistry assessment was not required for this application.

Health Assessments

The amendment on the registered labels of Eclipse XC B Herbicide to include glyphosate tolerant corn fits within the registered use pattern for glyphosate, and the current exposures to glyphosate are not expected to exceed compared to the registered products of this active ingredient. No health risks of concern are expected from the requested tank-mix use on glyphosate-tolerant field corn provided that workers follow the label directions and wear the personal protective equipment identified on the label. A label amendment for Eclipse XC B Herbicide was required.

No new residue data for glyphosate in/on corn were submitted to support the amendments to the registered Eclipse XC B Herbicide label. The residues of glyphosate in/on treated field corn are not expected to increase given that the method and timing of application are identical to the registered uses, and the application rates are within the approved range. As such, residues of glyphosate in/on treated field corn will be covered under the maximum

residue limit (MRL) of 3 ppm currently established for field corn (<http://pr-rp.hc-sc.gc.ca/mrl-irm/index-eng.php>). Consequently, the dietary exposure to residues of glyphosate is not expected to increase and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The use pattern for Eclipse XC B Herbicide fits within the registered use pattern for glyphosate. Therefore, the risk to non-target organisms in the environment from the application of Eclipse XC B Herbicide to corn or canola is acceptable. Existing label statements and additional label amendments are sufficient for risk mitigation.

Value Assessment

Expansion of the registration of the Eclipse XC B Herbicide label will provide growers with another tool to control both grasses and broadleaf weeds in glyphosate tolerant corn.

Value information in the form of use history information and precedent registrations was submitted for review. This information demonstrated that glyphosate tolerant corn can be expected to have an adequate margin of crop tolerance to Eclipse XC B Herbicide at 0.94 L/ha applied in tank mix with Eclipse XC A Herbicide at 0.17 L/ha.

Conclusion

The PMRA has reviewed the information provided in support of amendments to (1) add glyphosate tolerant corn, (2) add soybeans, field peas, and sugar beets as rotational crops and (3) replace Lontrel 360 with Eclipse XC A Herbicide. Based on the results of this review, these amendments are acceptable.

References

PMRA # 2875502 2018, Use history: Addition of new crop, corn, and crop rotation, soybeans, to Lontrel XC and Eclipse XC A, DACO: 10.2.4.

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