



Evaluation Report for Category B, Subcategory 3.5 Application

Application Number: 2007-0224
Application: B.3.5 New or Changes to Product Labels - Rotational Crops\
Plantback Interval
Product: AC 299, 263 120AS Herbicide Solution
Registration Number: 26705
Active ingredients (a.i.): Imazamox
PMRA Document Number: 1648453

Purpose of Application

BASF Canada has submitted an application to add corn and sunflower as rotational crops to the currently registered AC 299,263 120 AS Herbicide Solution label.

Chemistry Assessment

As the current application did not involve a change in the product chemistry, a chemistry assessment was not required for this application.

Health Assessments

No new residue data were submitted to support the proposed addition of corn and sunflowers (one year after application) as rotational crops to the AC299,263 120 AS label. Following the evaluation of the label amendments and information on file, there is no indication that any of these changes will lead to measurable residues of imazamox in rotational crops when used according to the amended label. Since the use rate and pre-harvest interval remained the same, no increase in dietary exposure is anticipated.

Toxicology and occupational exposure assessments were not required for this application.

Environmental Assessment

An environmental assessment was not required for this application.

Value Assessment

The data package submitted in support of the addition of field corn and sunflower as rotational crops to the Adrenalin SC Herbicide label under application number 2007-0225 is applicable to AC 299,263 120 AS Herbicide. The maximum registered application rate for the imazamox component of Adrenalin Herbicide is the same as that of AC 299,263 120 AS Herbicide. Data

from 10 trials conducted in three western Canadian soil zones during a 3-year period were submitted for review. Adrenalin SC Herbicide was applied to Clearfield spring wheat (9 trials) and Clearfield Canola (1 trial) in the year of trial establishment. Field corn and sunflower were planted to the plots treated with Adrenalin SC Herbicide in the following year. Crop injury to field corn and sunflower were visually assessed 2 to 3 times during the growing season. Biomass yield was evaluated for corn in 10 trials while biomass yield of sunflower was assessed in 9 trials.

Mean crop injury to field corn and sunflower following the application of Adrenalin SC Herbicide was concluded to be acceptable over all locations and years. Data for biomass yield further supported rotational crop tolerance claims for field corn and sunflower. Therefore, the labelling of field corn and sunflower as rotational crop tolerance options in the year following application of AC 299263120 AS Herbicide can be supported.

An efficacy assessment was not required as there were no changes to the use rate and pest claims.

Conclusion

The PMRA has completed an assessment of the available information and has found the information sufficient to amend the registration of AC 299,263 120 AS Herbicide Solution to include field corn and sunflower as rotational crops.

References

PMRA # 1400136: Part 10 - Crop tolerance trial reports. BASF Canada. DACO 10.3.3. March 27, 2007. pp 193

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