

Evaluation Report for Category B, Subcategory 3.5 Application

Application Number: 2010-1564
Application: B.3.5 (Product labels – plantback interval)
Product: Simplicity
Registration Number: 28887
Active ingredients (a.i.): Pyroxsulam
PMRA Document Number: 1979565

Purpose of Application

The purpose of this application was to amend the label of Simplicity to include sunflowers as a rotational crop ten months after application.

Health Assessments

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

No new residue data were submitted to support the addition of sunflower as a rotational crop on the Simplicity label. Data on file from a confined study in rotational crops indicate that no pyroxsulam residues are anticipated in the rotational crops at a plant-back interval of ten months. The addition of sunflower as a rotational crop on the Simplicity label will not increase the dietary exposure to pyroxsulam and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Chemistry and Environmental Assessments

Chemistry and environmental assessments were not required for this application.

Value Assessment

Six dedicated crop tolerance trials were conducted between 2006 and 2009 to assess injury to sunflowers that were planted into soil treated with Simplicity the previous year. Crop injury was rated as percent growth inhibition (12-36 days after planting [DAP] and/or 54-74 DAP), and/or percent phytotoxicity (28, 56 and 106 DAP), depending on the trial. No growth reduction or visual crop injury was observed save for growth inhibition of 2.5% in a single trial.

Conclusion

The PMRA has completed an assessment of all available information and is able to support the addition of sunflowers as a rotational crop to the Simplicity label.

References

- PMRA 1895096 2010. Value Summary. DACO 10.1
PMRA 1895098 2010. Trial Reports. DACO 10.3.3
PMRA 1895101 2010. Damage to Rotational Crops Report. DACO 10.3.3

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