

Evaluation Report for Category B, Subcategory 3.5, 3.10 Application

Application Number: 2015-6396
Application: Changes to Product Labels - Tank Mixes, Rotational Crops
Product: Tandem GoDRI A
Registration Number: 31932
Active ingredient (a.i.): Pyroxsulam
PMRA Document Number: 2634977

Purpose of Application

The purpose of this submission was to add corn as a rotational crop planted ten or more months after application, and to add a new tank-mix combination to the product label of Tandem GoDRI A. Tandem GoDRI A is registered for use on spring wheat, durum wheat and winter wheat for weed control.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

The potential exposure for mixers, loaders, applicators and postapplication re-entry workers is not expected to exceed the current exposure to registered products. No health risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

No food residue chemistry data were submitted for pyroxsulam and the safener cloquintocet-acid to support the addition of corn as a rotational crop and the modifications to the tank-mix section on the Tandem GoDRI A label. Previously reviewed residue data were considered in the context of the current submission. No new maximum residue limits (MRLs) are being recommended for promulgation. The dietary exposure assessments on file are considered adequate to cover the residue levels of pyroxsulam and cloquintocet-acid expected from the label changes. No health risks of concern have been identified for any segment of the population including infants, children, adults and seniors.

Environmental Assessment

The addition of corn as a rotational crop and the use of tank-mix partners with Tandem GoDRI A are not expected to increase risk to the environment. Therefore, no new environmental data were provided or required. No additional environmental label statements are required for Tandem GoDRI A.

Value Assessment

The addition of field corn as a rotational crop will provide the grower an additional crop option in the year after application of Tandem GoDRI A. The option for the winter wheat grower to use several tank mixtures that are supported for use in spring wheat, including durum wheat, can be expected to provide the same weed control benefits as when applied to spring wheat.

Data from field trials in Idaho, Kansas, and North Dakota were used to evaluate the tolerance of field corn as a rotational crop seeded 10 to 12 months after application of other formulations of pyroxsulam, applied at rates equivalent to 15-60 g a.i./ha, in winter or spring wheat crop stubble. No crop injury, either as chlorosis or growth inhibition, was observed to field corn planted 10 or more months after application, except one instance of very slight injury at the highest tested rate.

The tank mixtures that were previously listed on the Tandem GoDRI A label for application to spring wheat and durum wheat were amended to include Tandem B Herbicide, containing 333 g a.e./L fluroxypyr, to broaden the spectrum of weeds controlled. Winter wheat was supported for addition as a host crop for several of these tank mixtures in considering that these tank mix component herbicide and fungicide products are registered for spring application to winter wheat when applied alone and that application rates and timings for the tank mixtures applied to winter wheat are the same as those for the tank mixtures applied to spring wheat.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information submitted, and has found the information sufficient to support the amendments to the Tandem GoDRI A label.

References

PMRA Number	Document	Reference
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2584426		2015, Efficacy Trials (5) - Corn - rotational crop, DACO: 10.2.3.3,10.3.3
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