



Evaluation Report for Category B, Subcategory 3.5 Application

Application Number: 2018-2413
Application: 3.5: New Rotational Crops/Plantback Interval
Product: CS-100-31155 Herbicide
Registration Number: 32576
Active ingredients (a.i.): Pyroxsulam, Tribenuron-methyl, Metsulfuron-methyl, and Thifensulfuron-methyl
PMRA Document Number : 2995286

Purpose of Application

The purpose of this application was to amend the registration of CS-100-31155 Herbicide to include the following rotational crops:

- Field corn with a 10 month re-cropping interval.
- Dry bean and soybean with an 11 month re-cropping interval.
- Lentil with a 22 month re-cropping interval.

Chemistry and Environmental Assessment

Chemistry and environmental assessments were not required for this application.

Health Assessments

No new residue data were submitted for pyroxsulam, thifensulfuron-methyl, tribenuron-methyl and metsulfuron-methyl to support amendments of the re-cropping recommendations for CS-100-31155 Herbicide. Previously reviewed residue data for pyroxsulam, thifensulfuron-methyl, tribenuron-methyl and metsulfuron-methyl in rotational crops were reconsidered in the context of the subject application. Based on this assessment, the amendments of the re-cropping recommendations for CS-100-31155 Herbicide can be supported from the food residue perspective. Dietary exposure to residues of pyroxsulam, thifensulfuron-methyl, tribenuron-methyl and metsulfuron-methyl as a result of this action will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

Value Assessment

Expansion of the use pattern of CS-100-31155 Herbicide to include field corn, soybean, dry bean, and lentil as rotational crop options provides farmers with a greater flexibility in their crop rotation.

Value information submitted for review included data from replicated field trials and scientific rationales. This information demonstrated that field corn, soybean, dry bean, and lentil as rotational crops can be safely planted as per the label instructions.

Conclusion

The PMRA has reviewed the information provided to include field corn, soybean, dry bean, and lentil as rotational crop options. Based on the results of that review, field corn, soybean, dry bean, and lentil as rotational crop options are acceptable.

References

- PMRA # 2879530 2018, Recropping interval for dry Bean, *Phaseolus vulgaris* (dry), following an application of metsulfuron-methyl at 1.5 g a.i./ha, DACO: 10.1 and 10.3.3.
- PMRA # 2892284 2018, Rationale to support new recropping recommendations for CS-100-31155 Herbicide, DACO: 10.1 and 10.3.3.

ISSN: 1911-8082

© Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2019

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.