

Evaluation Report for Category C, Subcategory C.3.11 Application

Application Number: 2006-2571
Application: New or Changes to Product Labels-New Pests
Product: Cruiser 350FS Seed Treatment Insecticide
Registration Number: 27986
Active ingredients (a.i.): Thiamethoxam
PMRA Document Number: 1374848

Purpose of Application

Value Assessment

Efficacy trials were conducted to support a new pest claim of “apply 143 mL of CRUISER 350FS Seed Treatment Insecticide per 100 kg of soybean seed for early season protection against soybean aphid” to the label for Cruiser 350 FS. The proposed application rate for this use is equivalent to 50 g thiamethoxam per 100 kg of seed. This application rate is currently registered for control of bean leaf beetle, wireworm, and European chafer in soybean. The efficacy trials support the proposed application rate of 50 g thiamethoxam per 100 kg soybean seed for early season control of soybean aphid.

Conclusion

The proposed addition to the product label is acceptable.

Reference List

A. List of Studies/Information Submitted by Applicant

PMRA Document Number	Reference
1192790	CRUISER 5FS® Seed Treatment Insecticide: Summary of Efficacy Trials for Soybean Aphid Control, DACO: 10.2.2,10.2.3.1
1227212	2006, CRUISER 5FS Seed Treatment Insecticide: Summary of Efficacy Trials for Soybean Aphid Control (+ Appendix: OMAF Soybean Documents), Syngenta Crop Protection Canada, Inc., DACO: 10.1,10.2.2,10.2.3.1
1233726	2006, Value Summaries - Note to the Reviewer, Syngenta Crop Protection Canada, Inc., DACO: 10.1

1233727	2006, Description of Pest Problem - Note to the Reviewer, Syngenta Crop Protection Canada, Inc., DACO: 10.2.2
1233728	2006, Efficacy Trials - Summaries - Note to the Reviewer, Syngenta Crop Protection Canada, Inc., DACO: 10.2.3.1
1233729	2006, Efficacy - Small-Scale Trials (Field, Grenhouse) - Note to the Reviewer, Syngenta Crop Protection Canada, Inc., DACO: 10.2.3.3
1251363	Individual Trials: CRUISER 5FS Seed Treatment Insecticide: Summary of Efficacy Trials for Soybean Aphid Control, DACO: 10.2.3.3

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