

Evaluation Report for Category B, Subcategory 2.1, 2.3, 2.4 Application

Application Number: 2020-2387
Application: New End Use Product Chemistry - Guarantee, Identity and Proportion of Formulants
Product: Coragen MaX Insecticide
Registration Number: 34385
Active ingredient (a.i.): Chlorantraniliprole
PMRA Document Number : 3300905

Purpose of Application

The purpose of this application was to register Coragen MaX Insecticide as a foliar treatment on labelled crops.

Chemistry Assessment

Coragen MaX Insecticide is formulated as a suspension containing chlorantraniliprole at a concentration of 600 g/L. This end-use product has a density of 1.15-1.35 g/mL and pH of 5-8. The required chemistry data for Coragen MaX Insecticide have been provided, reviewed and found to be acceptable

Health Assessments

Coragen MaX Insecticide is of low acute toxicity via the oral, dermal and the inhalation routes. It is minimally irritating to the eye and non-irritating to the skin. It is not expected to be a dermal sensitizer.

The use of Coragen MaX Insecticide on listed crops is not expected to result in occupational, postapplication or bystander exposures over those from the registered uses of chlorantraniliprole. No risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

No new residue data were submitted in support of the registration of Coragen MaX Insecticide which contains chlorantraniliprole, for use on crop group/subgroup (CG/CSG) 1, 3-07B, 4, 5, 6, 8, 9, 15, 16, 17, 18, 20, corn, mint, okras, globe artichokes, hops, peanuts, and greenhouse crops (cucumbers, peppers, tomatoes, eggplants). The use pattern was determined to be within that of the registered precedent product. Therefore, the previously reviewed data were reassessed in the framework of the current application and confirm that the use of Coragen MaX Insecticide is not expected to result in an increase in the magnitude of chlorantraniliprole residues in the various crops. Therefore, the use of Coragen MaX Insecticide will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The uses on the Coragen MaX Insecticide label are within the currently registered use pattern of the active ingredient chlorantraniliprole. Therefore, no additional risk is expected when Coragen Max Insecticide is used in accordance with the label, which includes statements to mitigate risks to the environment.

Value Assessment

The value of Coragen MaX Insecticide was supported based on its similarity to the registered precedent product for the same use pattern.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to register Coragen MaX Insecticide for use on labelled crops.

References

PMRA

Document

Number	Reference
3129649	2020, Product Identity and Composition of End-Use Product Chlorantraniliprole (E2Y45) 600 G/L Suspension Concentrate - confidential, DACO: 3.0, 3.1, 3.2, 3.2.1, 3.2.2, 3.2.3, 3.3.1 CBI
3129650	2019, Product Identity and Composition of End-Use Product Chlorantraniliprole (E2Y45) 600 G/L Suspension Concentrate, DACO: 3.0, 3.1, 3.2, 3.2.1, 3.2.2, 3.2.3, 3.3.1
3129651	2020, Validation of the Analytical Method for Determination of Chlorantraniliprole (E2Y45) in Rynaxypyr 600 Suspension Concentrate and Rynaxypyr 320 Oil Dispersion Products, DACO: 3.4, 3.4.1
3129652	2019, Characterization of E2Y45-848, DACO: 3.5.10
3129653	2019, Determination of Physical & Chemical Characteristics of E2Y45-848, DACO: 3.5, 3.5.1, 3.5.10, 3.5.11, 3.5.12, 3.5.13, 3.5.14, 3.5.15, 3.5.2, 3.5.3, 3.5.4, 3.5.6, 3.5.7, 3.5.8, 3.5.
3129654	2019, E2Y45 600SC: Acute Oral Toxicity - Up-And-Down Procedure in Rats, DACO: 4.6,4.6.1
3129655	2020, E2Y45 600SC: Acute Dermal Toxicity in Rats, DACO: 4.6.2
3129656	2020, E2Y45 600SC: Acute Inhalation Toxicity in Rats, DACO: 4.6.3
3129657	2020, E2Y45 600SC: Primary Skin Irritation in Rabbits, DACO: 4.6.5
3129658	2020, E2Y45 600SC: Primary Eye Irritation in Rabbits, DACO: 4.6.4
3129659	2020, E2Y45 600SC: Local Lymph Node Assay (LLNA) in Mice, DACO: 4.6.6,4.6.8

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