

Evaluation Report for Category B, Subcategory 3.1, 3.10, 3.12 Application

Application Number: 2018-7016
Application: Changes to Product Labels- Application Rate Increase or Decrease, Tank Mixes and New Site or Host
Product: Rancona Trio Fungicide
Registration Number: 32668
Active ingredients (a.i.): Ipconazole, Metalaxyl and Carbathiin
PMRA Document Number :3108942

Purpose of Application

The purpose of this application was to add pulses (dry bean, dry pea, chickpea, lentil and soybean), as well as a new tank mix with Belmont 2.7FS Fungicide, to the product label for Rancona Trio Fungicide.

Health Assessments

A toxicology assessment was not required for this application.

The addition of dry pea, dry bean, lentil, and soybean seed to control various seed borne diseases to Rancona Trio Fungicide for commercial and on-farm use fits within the existing use pattern for ipconazole and metalaxyl, but not for carbathiin. As such, occupational exposure and risk assessments were conducted and all uses can be supported. No health risks of concern are expected from the use of Rancona Trio Fungicide provided that the recommended label amendments are made, and that workers follow all label directions, including wearing the appropriate personal protective equipment and using the engineering controls.

No residue data for ipconazole, carbathiin (carboxin) or metalaxyl in dry pea, dry bean, lentil, chickpea and soybean were submitted to support the proposed amendment to add these crops to the registered label of Rancona Trio Fungicide. Previously reviewed residue data from field trials conducted in/on representative legume vegetables were reassessed in the framework of this application. The residue data on file are adequate to support the uses and established MRLs are acceptable to cover the level of residues expected in/on the legume crops following treatment with Rancona Trio Fungicide, alone and in tank-mix with Belmont 2.7FS Seed Treatment Fungicide. No health risks of concern for acute or chronic dietary exposure (food and drinking water) have been identified for any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

After a scientific review of the available information, the PMRA has concluded that the environmental risks associated with the proposed uses of Rancona Trio

Fungicide are acceptable when used according to the label directions.

Value Assessment

Claims against seed, seedling and soil-borne diseases on lentil, chickpea, soybeans, dry pea and dry bean on the Rancona Trio Fungicide label were supported by extrapolation from previously registered claims on labels of similar products and the results of ten field efficacy trials conducted in Alberta, Ontario and Saskatchewan.

Rancona Trio Fungicide contains three types of active ingredients with differing modes of action. Expanding the product label to include legume crops will provide growers with a product that is effective against a diversity of fungal diseases and will help manage resistance development to active ingredients used for disease control on these crops.

Chemistry Assessment

A chemistry assessment was not required for this application.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the registration of Rancona Trio Fungicide.

References

PMRA Document Number	References
3096452	2020, A study to determine the level of free dust obtained from legume (soybean, lentil and pea), canola, and corn following application of Rancona Trio Fungicide (PMRA Reg. No. 32668) versus other products to support Canadian registration submission, DACO: 5.15
2948685	2018, General Efficacy of F2419aa Compared to Industry Products on Pulses, DACO: 10.2.3.3(D),10.3.2(B)
2948686	2018, General Efficacy of F2419aa Compared to Industry Products on Pulses, DACO: 10.2.3.3(D),10.3.2(B)
2948687	2018, General Efficacy of F2419aa Compared to Industry Products on Pulses, DACO: 10.2.3.3(D),10.3.2(B)
2948688	2018, General Efficacy of F2419aa Compared to Industry Products on Pulses, DACO: 10.2.3.3(D),10.3.2(B)
2948689	2018, General Efficacy of F2419aa Compared to Industry Products on Pulses, DACO: 10.2.3.3(D),10.3.2(B)
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	DACO: 10.2.3.3(D),10.3.2(B)
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2948693	2018, General Efficacy of F2419aa Compared to Industry Products on Pulses, DACO: 10.2.3.3(D),10.3.2(B)
2948694	2018, General Efficacy of F2419aa Compared to Industry Products on Pulses, DACO: 10.2.3.3(D),10.3.2(B)
2948695	2017, General Efficacy of Rancona Trio Compared to Industry Treatments on Pulses, DACO: 10.2.3.3(D),10.3.2(B)
2948696	2017, General Efficacy of Rancona Trio Compared to Industry Treatments on Pulses, DACO: 10.2.3.3(D),10.3.2(B)
2948697	2018, General Efficacy of F2419aa Compared to Industry Products on Chickpeas, DACO: 10.2.3.3(D),10.3.2(B)
2948698	2018, General Efficacy of F2419aa Compared to Industry Products on Lentils, DACO: 10.2.3.3(D),10.3.2(B)
2948699	2018, General Efficacy of F2419aa Compared to Industry Products on Peas, DACO: 10.2.3.3(D),10.3.2(B)
2948700	2018, Efficacy of F1179 on Aphanomyces Root Rot in Field Peas, DACO: 10.2.3.3(D),10.3.2(B)
2948701	2017, General Efficacy of Rancona Trio Compared to Industry Treatments on Pulses, DACO: 10.2.3.3(D),10.3.2(B)
2948702	2018, F2419aa Seed Safety, DACO: 10.3.2(B)
2948703	2018, Summary of Value for Addition of Pulses to the Rancona Trio Fungicide Label, DACO: 10.1,10.2.1,10.2.2,10.2.3.1,10.2.3.2(D),10.2.3.3(D),10.3.2(B), 10.4,10.5.1,10.5.2,10.5.3,10.5.4,10.5.5
2948704	2018, Excel Table Summary of Value for Addition of Pulses to the Rancona Trio Fungicide Label, DACO: 10.2.3.1,10.2.3.2(D),10.2.3.3(D),10.3.1
3002620	2019, Summary of Value for the Support of Carbathiin in Rancona Trio Fungicide, DACO: 10.1,10.2,10.3,10.4,10.5,10.6
3002621	2018, Efficacy of F1179 on Aphanomyces Root Rot in Field Peas, DACO: 10.2.3.3(D)
3002622	2014, Rhizoctonia Root Rot in Navy Bean, DACO: 10.2.3.3(D)
3002623	2014, Fusarium Root Rot in Navy Bean, DACO: 10.2.3.3(D)
3002624	2014, Fusarium Root Rot in Navy Bean, DACO: 10.2.3.3(D)
3002625	2019, Efficacy Date - Excel Tables, DACO: 10.2.3.1,10.2.3.3(D),10.3.1

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