

Evaluation Report for Category B, Subcategory 3.11, 3.12 Application

Application Number: 2020-2587
Application: New to Product Labels-New Pests; New Site or Host
Product: A20259 Fungicide
Registration Number: 33020
Active ingredients (a.i.): Difenoconazole and pydiflumetofen
PMRA Document Number: 3264979

Purpose of Application

The purpose of this application was to amend the product label of A20259 Fungicide to include new crops, dried shelled pea and beans, as well as the control of *Mycosphaerella blight* on peas and field peas and *Ascochyta blight* on chickpeas.

Chemistry Assessment

A chemistry assessment was not required for this application.

Health Assessments

A toxicology assessment was not required for this application.

The occupational exposure and risk from the addition of dried shelled peas and beans to the A20259 Fungicide label was assessed. The use expansion is not expected to result in occupational (application and postapplication) or bystander exposures greater than those from the registered uses of pydiflumetofen and difenoconazole. No risks of concern are expected from the new use, provided that workers follow the label directions and wear the personal protective equipment identified on the label.

No new residue data were submitted to support the use expansion of difenoconazole and pydiflumetofen within Crop Subgroup 6C on the A20259 Fungicide label. Previously reviewed residue data from field trials conducted in/on dry beans and dry peas were reassessed in the framework of this application. Residues of difenoconazole and pydiflumetofen in these crop commodities at the established maximum residue limits (MRLs) will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

Environmental Assessment

The environmental risks associated with the use of A20259 Fungicide are acceptable when used according to the label directions.

Value Assessment

Rationales and efficacy data from 20 field and greenhouse trials conducted in Canada in 2010 – 2014 were submitted in support of the use claims on the A20259 Fungicide label. A20259 Fungicide was not directly tested in all efficacy trials. However, the efficacy data demonstrated the contributions of the two active ingredients formulated in A20259 Fungicide against the listed diseases. The data confirmed the activity of difenoconazole alone against mycosphaerella blight and anthracnose at a relatively low level of efficacy; however, the pydiflumetofen component in A20259 Fungicide would provide control of mycosphaerella blight, ascochyta blight and anthracnose on claimed pulse crops at the rate specified. Scientific rationales were provided in support of extrapolation of certain use claims among pulse crops.

The registration of A20259 Fungicide will provide Canadian pulse growers with a new product to manage these important diseases on listed dried shelled pea and bean. All use claims are supported as proposed.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the amendments to the product label of A20259 Fungicide.

References

**PMRA
Document
Number**
3134454

Reference

2020, A20259 Fungicide Value Summary, DACO: 10.1,10.3.1,10.3.2.

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