

Evaluation Report for Category B, Subcategory 3.11 Application

Application Number: 2015-1002
Application: New or Changes to Product Labels – New pests
Product: DuPont Acapela Fungicide
Registration Number: 30470
Active ingredients (a.i.): Picoxystrobin (PXY)
PMRA Document Number (English PDF): 2535633

Background

DuPont Acapela Fungicide is a broad-spectrum fungicide that is a suspension concentrate containing the active ingredient picoxystrobin. It is currently registered in Canada for the control or suppression of certain leaf diseases on canola, dry legumes, cereal grains, corn and soybean.

Purpose of Application

The purpose of this application is to expand the registration of DuPont Acapela Fungicide for the control of scald in barley and rye, and for the control of crown rust in oats at the rates of 0.44 – 0.88 L/ha.

Chemistry, Health and Environmental Assessment

A chemistry assessment was not required since there was no change to product chemistry. Health and environment assessments were not required since the use pattern remained unchanged.

Value Assessment

Value information that includes scientific rationales and results of 12 efficacy trials conducted in Canada and several European countries were reviewed to support the use claims. Overall, Acapela Fungicide demonstrated an acceptable level of disease control for scald in barley and rye, and crown rust in oats. The efficacy of Acapela was comparable to that achieved by several commercial standards containing propiconazole, prothioconazole, or pyraclostrobin and metconazole in the same field trials for the control of scald, or products containing tebuconazole for the control of crown rust.

Both scald and crown rust are common diseases in their host crops that require fungicide treatments. Certain conventional fungicides are registered in Canada as alternative rotational products for both diseases. The registration of these two new uses will provide Canadian growers with a new active ingredient to manage these important diseases on barley, rye or oats.

Conclusion

The supporting evidence confirmed the value of DuPont Acapela Fungicide on the control of scald in barley and rye; and crown rust in oats. All claims are supported as proposed.

References

- 2511871 2015, DACO 10-DuPont-40815 Acapela Disease Additions FINAL - Mar 2014, DACO: 10.1, 10.2,10.2.1,10.2.2,10.2.3,10.2.3.1,10.2.3.3,10.2.3.3(D),10.2.4,10.3,10.3.2,10.3.2(A),10.3.2(B), 10.3.3,10.4,10.5,10.5.1,10.5.2,10.5.3,10.5.4,10.5.5,10.6,10.7.1,10.7.2
- 2528846 2015, Rationale to allow field trials from Europe, DACO: 10.6

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