

## Evaluation Report for Category B, Subcategory 3.9 Application

**Application Number:** 2021-3883  
**Application:** New or Changes to Product Labels – Level of Control  
**Product:** Problad  
**Registration Number:** 31782  
**Active ingredients (a.i.):** BLAD Polypeptide  
**PMRA Document Number:** 3301623

### Background

Problad, containing BLAD polypeptide at 20%, is a suspension fungicide registered to manage botrytis grey mould, powdery mildew and blossom blight on various crops at 1.5-3.3 L product/ha. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

### Purpose of Application

The purpose of this application is to amend the level of control for a claim against powdery mildew on grape and to add a claim against brown rot on almond, apricot, cherry, nectarine, peach, plum and prune.

### Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since the use pattern, including host crops and application timing of the component product, remained unchanged.

### Value Assessment

Data from five efficacy studies provided evidence that Problad applied at 1.5-3.3 L product/ha can control powdery mildew on grape and can suppress brown rot on almonds, apricots, cherries, nectarines, peaches, plums and prunes at 1.5 L product/ha or control brown rot at 2.0-3.3 L product/ha. The amended level of control for grapes will more accurately reflect the level of efficacy achieved by the product when applied following label directions. The addition of the claim against brown rot will provide growers with an alternative product for use to manage brown rot on listed crops.

## **Conclusion**

The PMRA has completed an assessment of the subject application and has concluded that the submitted information is adequate to support following claims:

- Control of powdery mildew on grape at 1.5-3.3 L product/ha
- Suppression of brown rot on almond, apricot, cherry, nectarine, peach, plum and prunes at 1.5 L product/ha.
- Control of brown rot on almond, apricot, cherry, nectarine, peach, plum and prunes at 2.0-3.3 L product/ha.

## References

- 3258173 2021, ProBlad-DACO 10 Summary BB and PM Control 30Jul2021, DACO: 10.1,10.2.3,10.2.3.1
- 3258181 2017, Evaluation of PROBLAD PLUS Fungicide efficacy on the control of Powdery mildew (*Uncinula necator* (Schw.) Burr UNCINE) in grapes (*Vitis vinifera* VITVI), DACO: 10.2.3.3(D)
- 3258182 2018, Efficacy of ProBlad Plus Against Powdery Mildew on Grape (var Sultania) in Southern Zone Greece 2018, DACO: 10.2.3.3(D)
- 3258183 2017, Efficacy of PROBLAD PLUS against grapevine powdery mildew (*Erysiphe necator*) in Spain, 2017., DACO: 10.2.3.3(D)
- 3258184 2018, Efficacy of PROBLAD PLUS against Blossom Rot and Brown Rot in Southern Zone 2018, DACO: 10.2.3.3(D)
- 3258185 2018, Efficacy of PROBLAD PLUS against blossom blight and brown rot in Southern zone, 2018, DACO: 10.2.3.3(D)
- 3258186 2017, Efficacy of PROBLAD PLUS against blossom blight and brown rot on peaches in Spain, 2017., DACO: 10.2.3.3(D)

© Her Majesty the Queen in Right of Canada, as represented by the Minister of Health Canada, 2022

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of Health Canada, Ottawa, Ontario K1A 0K9.