

## Tank Mixes, New Pests, Level of Control Revisions Evaluation Report for Category B, Subcategory 3.10, 3.11, 3.9 Application

**Application Number:** 2019-5898  
**Application:** New or Changes to Product Labels-Tank Mixes, New Pests, Level of Control  
**Product:** Evito 480 SC Fungicide  
**Registration Number:** 30408  
**Active ingredients (a.i.):** Fluoxastrobin, 480 g/L  
**PMRA Document Number:** 3095060

### Background

Evito 480 SC Fungicide is a broad spectrum fungicide registered for use on multiple crops, including potato, pea and lentil. It is registered to suppress late blight on potato at an application rate of 133 g ai/ha and ascochyta blight on pea and ascochyta leaf and pod spot on lentil and pea at an application rate range of 70 - 140 g ai/ha. For specific details of uses, application rates, methods, precautions, restrictions and personal protective equipment requirements refer to the product label.

### Purpose of Application

The purpose of this application was to add a claim of suppression of early blight on potato for Evito 480 SC Fungicide applied at 278 mL/ha (133 g ai/ha) by means of ground or aerial application equipment and change the level of efficacy from suppression to control for late blight on potato.

### Chemistry, Health and Environmental Assessments

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

Six suitable field efficacy trials and scientific rationales were submitted to support a claim of suppression of early blight (*Alternaria solani*) on potato by means of ground and aerial application equipment and to control late blight (*Phytophthora infestans*) on potato on the Evito 480 SC Fungicide label. Trial results showed that Evito 480 SC Fungicide reduced early blight and late blight disease on potato to levels consistent with claims of suppression or control, respectively.

Infection of potatoes with early blight or late blight can reduce marketable crop yield or destroy the potato crop, respectively. Registration of Evito 480 SC Fungicide for the suppression or control of these diseases will provide growers with an additional fungicide option to manage these economically important diseases and delay the development of fungicide resistance to other registered active ingredients.

### **Conclusion**

The PMRA has conducted an assessment of the subject application and has determined that the submitted information is adequate to support a claim of suppression of early blight and a claim of control of late blight on potato.

## References

<b>PMRA #</b>	<b>Reference</b>
3044823	2019, Efficacy Summary Tables for Evito 480 SC Fungicide for Control of Early Blight and Late Blight of Potato, Mycosphaerella blight of Dry Pea and Ascochyta of Lentils and Peas, DACO: 10.2.3.1,10.2.3.3(D)
3044824	2019, Efficacy Summary for Evito 480 SC Fungicide for Control of Early Blight and Late Blight of Potato, Mycosphaerella blight of Dry Pea and Ascochyta of Lentils and Peas, DACO: 10.1,10.2.2,10.2.3.1,10.2.3.3(D)
3044833	2019, Efficacy of Evito for Early and Late Blight Control on Potato, DACO: 10.2.3.3(D)
3044834	2019, Efficacy of Evito for Early and Late Blight Control on, DACO: 10.2.3.3(D)
3044835	2019, Efficacy of Evito for Early and Late Blight Control on Potato, DACO: 10.2.3.3(D)
3044836	2019, Efficacy of Evito for Early and Late Blight Control on Potato, DACO: 10.2.3.3(D)
3044837	2019, Evito on late blight in potato, DACO: 10.2.3.3(D)
3044838	2019, Evito on early blight in potato, DACO: 10.2.3.3(D)
3044839	2019, Efficacy of Evito for Early Blight Control on Potato, DACO: 10.2.3.3(D)
3044840	2019, Efficacy of ARY-0473 on Late Blight in Potato, DACO: 10.2.3.3(D)
3056843	2019, Clarification Response for Sub No. 2019-5898 - Evito 480 SC Fungicide (Reg. No. 30408), DACO: 10.1 CBI

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