

## Evaluation Report for Category B, Subcategory 3.10, 3.12, 3.4 Application

**Application Number:** 2012-4513  
**Application:** B.3.10 (Product Labels – Tank Mixes)  
B.3.12 (Product Labels – New Site or Host)  
B.3.4 (Product Labels – Application Method)  
**Product:** Evito 480 SC Fungicide  
**Registration Number:** 30408  
**Active ingredients (a.i.):** Fluoxastrobin  
**PMRA Document Number :** 2269193

### Purpose of Application

The purpose of this application was to amend the label of Evito 480 SC Fungicide to include an aerial application method on wheat, barley, corn, soybean and potatoes; to add winter wheat and to add the tank mix partners Caramba Fungicide, Proline 480 SC Fungicide and Prosaro 250 EC Fungicide for wheat and barley.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

A toxicology assessment was not required for this application.

Evito 480 SC Fungicide for use on winter wheat fits within the registered use pattern for fluoxastrobin. The potential exposure for mixers, loaders, applicators and postapplication re-entry workers is not expected to exceed the current exposure to registered products. A mixer/loader/applicator quantitative risk assessment was conducted for the aerial application of Evito 480 SC Fungicide to wheat, barley, corn, soybeans and potatoes, and no occupational risks of concern are expected when all label precautions and directions are followed.

No new residue data were submitted in support of the addition of aerial application method on wheat, barley, corn, soybean and potatoes, the additions of winter wheat and the tank mix partners Caramba Fungicide, Proline 480 SC Fungicide and Prosaro 250 EC Fungicide for wheat and barley to the label of Evito 480 SC Fungicide containing fluoxastrobin. Data on file support the use of Evito 480 SC Fungicide. The use of Evito 480 SC Fungicide is not expected to increase the magnitude of fluoxastrobin residues in/on these crops. Therefore, the dietary exposure to fluoxastrobin is not expected to increase and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

## **Environmental Assessment**

No new environmental fate or environmental toxicity data are required to support the new claims. However, the environmental assessment required the calculation of new no-spray buffer zones for aerial applications. As the use on winter wheat is identical to the use registered on other varieties of wheat (and barley) the environmental risk falls within the risk of registered uses.

## **Value Assessment**

Evito 480SC Fungicide is a product for the management of certain foliar diseases on various crops. The sponsor submitted efficacy data, rationales and use history information to support the new use claims. Following a review of all the value information currently available, it is concluded that: 1) data from two field studies demonstrated the efficacy of Evito 480 SC Fungicide in controlling stem rust and powdery mildew in winter wheat; 2) the value of the tank mixes was justified by using tank mix partners with different modes of action and by increasing the spectrum of controlled diseases; and 3) the use of aerial application was also illustrated adequately with the additional support of the use history information from the United States.

Both powdery mildew and stem rust impact the majority of acres in Canada cereal production. Moreover, powdery mildew in barley and wheat is identified as an intermediate priority on the Canadian Grower Priority Database for other solutions. The aerial application will provide Canadian growers an effective method to apply this product to large acreages of crops in a timely manner. The use of tank mixes will also slow down the possible resistance development, and maintain Evito 480 SC Fungicide as an alternative product for Canadian growers.

All new claims were deemed supported.

## **Conclusion**

The PMRA has completed an assessment of the available information and is able to support the amendment to Evito 480 SC Fungicide label to include an aerial application method on wheat, barley, corn, soybean and potatoes; to add winter wheat and to add the tank mix partners Caramba Fungicide, Proline 480 SC Fungicide and Prosaro 250 EC Fungicide for wheat and barley.

## **References**

PMRA No.	References
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