

## Evaluation Report for Category B, Subcategory 3.9, 3.11 Application

**Application Number:** 2013-2750  
**Application:** New or Changes to Product Labels – Level of Control, New Pests  
**Product:** Priaxor  
**Registration Number:** 30567  
**Active ingredients (a.i.):** Fluxapyroxad (FXP) and pyraclostrobin (PYA)  
**PMRA Document Number:** 2325437

### Background

Priaxor (previously named as BAS 703 02F) is a broad-spectrum fungicide that contains the active ingredients fluxapyroxad and pyraclostrobin. It is currently registered for the suppression of common rust, gray leaf spot and eyespot on corn at a rate of 0.3 L/ha. The product is also registered in Canada for control/suppression of various diseases in barley, wheat, rye, soybean, and grasses grown for seed production.

### Purpose of Application

The purpose of this application is to amend the Priaxor (PMRA Reg. No. 30567) label to include a rate range (0.24 - 0.3 L/ha), upgrade the level of disease control for eye spot, as well as to add the claim of control of northern leaf blight in corn.

### Chemistry, Health and Environmental Assessments

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

### Value Assessment

There was no new value information submitted to support the proposed use for control of eye spot. In the previous application, efficacy data from two field trials were reviewed for this use. Priaxor did not perform consistently with the tested rates in one trial under adequate disease pressure, and there was very low disease pressure in the second trial. The evidence to support a control claim could not be justified without further value information.

Two field trials were submitted to support the proposed use for control of northern leaf blight. Priaxor suppressed northern leaf blight by 29% when applied at the high proposed rate under moderate disease pressure (17% disease severity in control plots). However, Priaxor controlled the disease by 83% in another trial at the same rate under high disease pressure (74% disease severity in control plots). In the same trial, the commercial standards Evito and Tilt reduced disease infection by 33% and 56%, respectively.

Based on the value information provided, the claim to control northern leaf blight (*Setosphaeria turcica*) is supported at 0.3 L/ha on corn; however, a low rate of 0.24 L/ha will only provide suppression for the disease. The claim to upgrade the level of control for eye spot (*Aureobasidium zeae*) on corn is not supported at this time. Label amendments are required.

### **Conclusion**

The evidence confirmed the value of Priaxor on the control of northern leaf blight on corn at the 0.3 L/ha rate, and suppression at the 0.24 L/ha rate.

## References

- 2306796 2013, Part 10 - Value, BAS 703 02 F – For Disease Control Treatment in Corn & Soybean DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.2(D), 10.2.3.3(D), 10.3, 10.3.1, 10.3.2 (B).

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