



## Evaluation Report for Category B, Subcategory 3.9 Application

**Application Number:** 2013-2752  
**Application:** New or Changes to Product Labels – Level of Control  
**Product:** Priaxor  
**Registration Number:** 30567  
**Active ingredients (a.i.):** Fluxapyroxad (FXP) and pyraclostrobin (PYA)  
**PMRA Document Number:** 2325304

### 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 frog eye leaf spot and septoria brown spot in soybean at 0.24 – 0.3 L/ha. The product is also registered in Canada for control/suppression of other diseases in soybean.

### Purpose of Application

The purpose of this application is to amend the Priaxor label to upgrade the level of disease control for frog eye leaf spot and septoria brown spot in soybean from suppression to control at 0.24 - 0.3 L/ha.

### 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

Five field trials were submitted to support the proposed use for control of frog eye leaf spot. Priaxor significantly reduced frog eye leaf spot infection by 80 – 100% compared to the non-treated control when applied at 0.29 L/ha under low disease pressure in two trials. Under moderate to high disease pressure (18 – 75% severity) in three other trials, the same rate of Priaxor reduced disease severity by 39 – 93%. The efficacy of Priaxor was comparable or superior to Headline EC in these trials. Headline EC is currently registered for control of frog eye leaf spot in soybean.

Twelve field trials were submitted to support the proposed use for control of septoria brown spot. Priaxor significantly reduced brown spot infection by 80 – 95% (average 85%) compared to the non-treated control when applied at 0.29 L/ha under low to moderate disease pressure in four trials. Priaxor also reduced brown spot by 45 – 78% (average 62%) in eight other trials under similar or higher disease pressure. Priaxor performed numerically better than the commercial standard Quilt when applied side-by-side in six out of the twelve trials. Priaxor performed either significantly or numerically better than Headline in four trials.

Based on the value information provided, the claims to upgrade the level of disease control from suppression to control for both frog eye leaf spot and septoria brown spot in soybean are supported as proposed. Label amendments are not required.

### **Conclusion**

The evidence confirmed the value of Priaxor on the control of both frog eye leaf spot and septoria brown spot in soybean. Levels of control were comparable or superior to the commercial standard applied in the same trials.

## References

- 2306855 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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