

## Evaluation Report for Category B, Subcategory 2.3 and 2.4 Application

**Application Number:** 2016-0443  
**Application:** New end-use product chemistry – Identity and proportion of formulants  
**Product:** Azoshy 50WDG  
**Registration Number:** #####  
**Active ingredients (a.i.):** Azoxystrobin  
**PMRA Document Number:** 2743988

### Purpose of Application

The purpose of this application was to register a new fungicide end-use product, Azoshy 50WDG, for use on golf courses and commercial turf farms, as well as on daylilies in outdoor nurseries and landscapes. This product is based on a precedent product.

### Chemistry Assessment

Azoshy 50WDG is a granular formulation containing the active ingredient azoxystrobin at a nominal concentration of 50.0%. This product has a density between 0.695 and 0.700 g/mL and a pH of 8.35. The chemistry requirements for Azoshy 50WDG have been fulfilled.

### Health Assessments

Azoshy 50WDG was considered to be toxicologically equivalent to the precedent product.

The exposure and risk from the use of Azoshy 50WDG on turf and daylilies was assessed. No risks of concern are expected provided that workers follow the label directions and wear the personal protective equipment identified on the label.

### Environmental Assessment

The use of Azoshy 50WDG will not result in any additional environmental impact/risk relative to the precedent product. Environmental concerns have been mitigated through adequate statements on the product label.

## **Value Assessment**

The formulation of Azoshy 50WDG was compared to the formulation of the precedent product. The difference in formulants is not expected to affect efficacy. The comparison of the formulations indicates that Azoshy 50WDG is biologically equivalent to the precedent product. Therefore, the extrapolation of the use claims registered on the precedent product label to the Azoshy 50WDG Fungicide label is supported as proposed.

## **Conclusion**

The PMRA has reviewed the available information in support of this application and has determined that the registration of Azoshy 50WDG can be supported.

## References

PMRA Document Number	Reference
2602545	2016, Product identification/Other data for Azoshy 50 WDG, DACO: 3.0,3.1,3.1.1,3.1.2,3.1.3,3.1.4,3.2.3,3.4.2,3.5.15,3.5.4,3.5.5 CBI
2602546	2008. Chemical incompatibility (oxidant and reducing action) of Azoxystrobin 50% WG, DACO 3.5.8
2602547	2011. Physical State, Appearance, Color, and Odor of Azoxystrobin 50% WG, DACO 3.5.1, 3.5.2, 3.5.3
2602548	2011. Determination of the bulk density of Azoxystrobin 50% WG, DACO 3.5.6
2602549	2011. Determination of the pH value of an aqueous slution of Azoxystrobin 50% WG, DACO 3.5.7
2602551	2011. Flash point of Azoxystrobin 50% WG, DACO 3.5.11
2602555	2011. Analytical method validation for the active ingredient azoxystrobin in formulated product, DACO 3.4.1
2602571	2015, Formulation Process: Azoshy 50 WDB, DACO: 3.2,3.2.1,3.2.2,3.3.1 CBI
2602572	2013. Azoxystrobin 50% WDG: Determination of the accelerated storage stability and corrosion characteristics, DACO 3.5.10, 3.5.14
2642497	2010, Explodability of Azoxistrobin 50% WDG, DACO 3.5.12
2115788	Agricultural Reentry Task Force (ARTF). 2008. Data Submitted by the ARTF to Support Revision of Agricultural Transfer Coefficients. Submission #2006-0257.
2409268	2012. USEPA. Standard Operating Procedures for Residential Pesticide Exposure Assessment: Section 3 Lawns/Turf. Health Effects Division, Office of Pesticide Programs, Office of Chemical Safety and Pollution Prevention, U.S. Environmental Protection Agency, Washington, DC.

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