

## Evaluation Report for Category B, Subcategory 3.12 Application

**Application Number:** 2018-4858  
**Application:** New or Changes to Product Labels-New Site or Host  
**Product:** S-2200 3.2 FS Fungicide  
**Registration Number:** 32287  
**Active ingredient (a.i.):** Mandestrobin  
**PMRA Document Number:** 2959865

### Purpose of Application

The purpose of this application was to revise the maximum residue limits (MRLs) of the active ingredient mandestrobin on corn and legume vegetables (Crop Group 6 (CG6)) based on a revised enforcement method that has a lower limit of quantification (LOQ).

### Chemistry, Environmental and Value Assessments

Chemistry, environmental and value assessments were not required for this application.

### Health Assessments

Toxicology and occupational exposure assessments were not required for this application.

An independent laboratory validation (ILV) of the enforcement method (RM-48C-2B) for plant matrices with a lower limit of quantification was submitted to support the revision of the MRLs in/on corn and legume vegetables (CG6). Previously reviewed residue data from field trials conducted in/on corn and soybeans were reassessed in the framework of this petition.

### Maximum Residue Limits

The recommendation for maximum residue limits (MRLs) for mandestrobin was based upon the submitted ILV (RM-48C-2B), and the guidance provided in the [OECD MRL Calculator](#). MRLs to cover residues of mandestrobin in/on crops and processed commodities are proposed as shown in Table 1. Residues in processed commodities not listed in Table 1 are covered under the proposed MRLs for the raw agricultural commodities (RACs).

<b>TABLE 1 Summary of Field Trial and Processing Data Used to Support Maximum Residue Limit(s) (MRLs)</b>							
<b>Commodity</b>	<b>Application Method/ Total Application Rate (g a.i./100 kg seeds)</b>	<b>PHI (days)</b>	<b>Residues (ppm)</b>		<b>Experimental Processing Factor</b>	<b>Currently Established MRL (ppm)</b>	<b>Recommended MRL (ppm)</b>
			<b>LAFT</b>	<b>HAFT</b>			
Sweet corn kernels plus cob with husks removed	Seed treatment/50	71-78	<0.01	<0.01	-	0.02	0.01
Field corn	Seed treatment/50	118-168	<0.01	<0.01	-	0.02	0.01
Soybeans	Seed treatment/50	116-136	<0.01	<0.01	-	0.02	0.01

LAFT = Lowest Average Field Trial; HAFT = Highest Average Field Trial

Following the review of all available data, MRLs as proposed in Table 1 are recommended to cover residues of mandestrobin. Residues in these crop commodities at the proposed MRLs will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of available information for S-2200 3.2 FS Fungicide and has found the information sufficient to revise the MRLs for corn and legume vegetables (CG6).

## References

PMRA  
Document  
Number

References

2920546 2017, Independent Laboratory Validation of Valent Analytical Method RM-48C-2B: "Determination of S-2200 and De-Xy-S-2200 in Crops", DACO: 7.2.3A

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