

## Evaluation Report for Category B, Subcategory 4.6 Application

**Application Number:** 2017-3385  
**Application:** Conversion to fulfill conditions of registration on a product with full registration  
**Product:** Cyproflu Fungicide  
**Registration Number:** 30185  
**Active ingredients (a.i.):** Cyprodinil and fludioxonil  
**PMRA Document Number :** 2916812

### Purpose of Application

The purpose of this application was to fulfill requirements of registration for Cyproflu Fungicide and to include all crops in Crop Subgroup 6C on the product label.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

Residue data from freezer storage stability and dry pea field trials conducted in Canada were submitted to support the full registration and the domestic use of Cyproflu on all crops of Crop Subgroup 6C: dried shelled pea and bean (except soybean). Fludioxonil and cyprodinil were applied to dry peas at approved rates, and harvested according to label directions. Furthermore, previously reviewed residue data from field trials conducted in/on dry beans were reassessed in the framework of this petition.

### Maximum Residue Limits

The recommendation for maximum residue limits (MRLs) for fludioxonil and cyprodinil was based upon the submitted field trial data, and the guidance provided in the [OECD MRL Calculator](#). MRLs to cover residues of fludioxonil and cyprodinil in/on crops and processed commodities are proposed as shown in Table 1.

TABLE 1. Summary of Field Trial Data Used to Support Maximum Residue Limit(s) (MRLs)							
Active Ingredient	Commodity	Application Method/ Total Application Rate (g a.i./ha)	PHI (days)	Residues (ppm)		Currently Established MRL (ppm)	Recommended MRL (ppm)
				LAFT	HAFT		

<b>TABLE 1. Summary of Field Trial Data Used to Support Maximum Residue Limit(s) (MRLs)</b>							
<b>Active</b>	<b>Commodity</b>	<b>Application</b>	<b>PHI</b>	<b>Residues (ppm)</b>		<b>Currently</b>	<b>Recommended</b>
Fludioxonil	Dry Beans	1098	7	0.004	0.029	0.4	0.5 <sup>1</sup>
	Dry Peas	734	6-7	0.018	0.17	0.01	(all crops of Crop Subgroup 6C)
Cyprodinil	Dry Beans	732	7	0.007	0.038	0.6	0.6 <sup>2</sup>
	Dry Peas	1100	6-7	0.037	0.12	None	(all crops of Crop Subgroup 6C)

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

<sup>1</sup> The 0.5 ppm MRL is proposed to replace the 0.01 ppm MRL on dry field peas, dry southern peas and dry pigeon peas; and to replace the 0.4 ppm MRL on dry navy beans, grain lupin, dry guar seeds, dry urd beans, dry lablab beans, edible-podded moth beans, dry beans, edible-podded sword beans, dry pinto beans, edible-podded wax beans, dry lima beans, dry tepary beans, dry chickpeas, edible-podded snap beans, succulent shelled broad beans, dry moth beans, dry catjang seeds, dry mung beans, dry broad beans, edible-podded jackbeans, succulent shelled lima beans, dry adzuki beans, dry pink beans, dry blackeyed peas, dry lentils, edible-podded yardlong beans, succulent shelled blackeyed peas, dry rice beans, edible podded runner beans, and dry kidney beans

<sup>2</sup> The 0.6 ppm MRL is proposed to be extended to all food commodities in Crop Subgroup 6C.

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

Toxicology and occupational assessments were not required for this application.

### **Environmental Assessment**

No additional risk to the environment is expected from the use of Cyproflu Fungicide to include application to Crop Subgroup 6C. The expansion fits within the registered use pattern for cyprodinil and fludioxonil.

### **Value Assessment**

This application is to add the use of Cyproflu Fungicide for the control of white mold and grey mold on the following crops under Crop Subgroup 6C: bean, broad bean (fava bean), chickpea, guar, lablab bean, lentil, pea and pigeon pea. The use of Cyproflu Fungicide on lentil was supported in a previous application. The crops included in Crop Subgroup 6C are already on the label of Cyproflu Fungicide for these diseases except guar, lablab bean, pea and pigeon pea. Since white mold and grey mold attack a wide range of plants, and the plant part attacked and disease development are the same in these crops, the use of Cyproflu Fungicide on guar, lablab bean or hyacinth bean, pea, and pigeon pea is supported based on the use on lentil.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found the information sufficient to fulfill the requirements of registration for Cyproflu Fungicide and to expand the label to include all crops in Crop Subgroup 6C.

## References

PMRA Document Number 2754679	References    2017, Fludioxonil/Cyprodinil WG (A9219B) & Diquat SL (AI412H) - Magnitude of the Residues in or on Dry Pea (Representative Commodities for Crop Group 6C) Canada 2015 - Final Report, DACO: 7.4.1,7.4.2
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