



## Evaluation Report for Category B, Subcategory 5.0 Application

**Application Number:** 2009-0920  
**Application:** B.5.0 New maximum residue limit for previously assessed technical grade active ingredient  
**Product:** Iprodione Technical  
**Registration Number:** 20267  
**Active ingredients (a.i.):** Iprodione (IPD)  
**PMRA Document Number English PDF:** 2020547

### Purpose of Application

The purpose of this application was to establish maximum residue limits (MRLs) for iprodione in/ona variety of imported commodities.

### Chemistry, Environmental and Value Assessments

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

### Health Assessments

Residue data for iprodione were submitted to support the establishment of MRLs on imported commodities. Previously reviewed residue data from field trials were also reassessed in the framework of this petition. In addition, a processing study in treated cotton was assessed to determine the potential for concentration of residues of iprodione in processed commodities.

### Maximum Residue Limit(s)

Based on the maximum residues observed in crops treated at registered rates or exaggerated rates, according to label directions from the exporting country, MRLs to cover residues of iprodione including metabolites RP30228 and RP32490 were established. The MRLs are shown in Table 1. Residues of iprodione in processed commodities not listed in Table 1 are covered under established MRLs for the raw agricultural commodities.

**TABLE 1 Summary of Field Trial and Processing Data Used to Establish Maximum Residue Limit(s)**

Commodity	Application Method/ Total Application Rate	PHI (days)	Residues (ppm)		Experimental Processing Factor	Currently Established MRL	Recommended MRL
			Min	Max			
Head lettuce	Foliar applications/ 2.25-6.72 kg a.i./ha	14	<0.05	17.0	Not applicable	15 ppm (lettuce)	25 ppm (head lettuce and leaf lettuce)
Leaf lettuce	Foliar applications/ 2.25-3.36 kg a.i./ha	10-15	0.07	21.6			
Dry beans	Foliar applications/ 2.24 kg a.i./ha	28-72	<0.05	0.26	Not applicable	0.3 ppm (beans)	2 ppm (all edible-podded beans and dry beans)
Succulent beans	Foliar applications/ 2.24 kg a.i./ha	7	0.26	1.3			
Dry bulb onion	8 to 10 foliar applications/ 0.84-2.24 kg a.i./ha/application	0	<0.05	0.2	Not applicable	None	0.2 ppm
Raspberry/ Blackberry	Foliar applications/ 4.48-5.6 kg a.i./ha	0-1	1.14	21.9	Not applicable	10 ppm (raspberry)	25 ppm (caneberry subgroup 13-07A)
Fresh Ginseng	Foliar applications/ 13.44 kg a.i./ha per year for 3 years	36	0.35		Not applicable	None	4 ppm (dried ginseng roots)
Ginseng dried roots		15	2.19				
Almond	Foliar applications/ 4.48 kg a.i./ha	132	0.067	0.28	Not applicable	None	0.3 ppm
Chinese mustard	Foliar applications/ 4.48 kg a.i./ha	10	4.3	7.5	Not applicable	None	11 ppm (mustard greens)
Undelinted cotton seed	In-furrow application at planting/ 3.8 g a.i./100 m row	129-169	All <0.05		No quantifiable residues found in any of the cotton processed fractions when treated at a 5X rate	None	0.1 ppm

**Conclusion**

Following the review of all available data, MRLs for crops are recommended to cover residues of iprodione including metabolites RP30228 and RP32490. Residues of iprodione in/on these crops at the established 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 the subject application and found the information sufficient to establish import MRLs on a variety of imported commodities.

## References

<b>PMRA No.</b>	<b>Reference</b>
1731929	1994, Rovral(R)/Dry beans/Magnitude of residue/raw agricultural commodity, DACO: 7.2.1,7.4.1
1731931	1994, Determination of the magnitude of residues in/on succulent beans treated by chemigation with ROVRAL(R)4 flowable fungicide, DACO: 7.2.1,7.4.1,7.4.5
1731935	1991, Residues of iprodione in/on cotton seed resulting from in-furrow applications of Rovral (R) 4Flo, DACO: 7.3,7.4.1
1731939	1994, Rovral (R) / dry beans / magnitude of residue / raw agricultural commodity, DACO: 7.4.1
1731941	1994, Rovral (R) / dry beans / magnitude of residue / raw agricultural commodity, DACO: 7.4.1
1731946	1994, Determination of the magnitude of residues in/on succulent beans treated by ground applications of Rovral 4 flowable fungicide, DACO: 7.4.1,7.4.5
1731947	1991, Residues of iprodione in/on cotton seed fractions resulting from in-furrow applications of Rovral (R) 4Flo, DACO: 7.4.1,7.4.5
1766669	1985, Iprodione Residue Data on Almonds Receiving Multiple Applications of Rovral 1984 Field Program E-2, DACO: 7.4.1
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1766671	1998, IPRODIONE: Magnitude of Residues In/On Almonds Resulting from Foliar Applications of Rovral 4 Flowable (1995), DACO: 7.2.5,7.3,7.4.1

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