

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

**Application Number:** 2016-0787  
**Application:** Changes to EP Product Chemistry-Proportion and Identity of Formulants  
**Product:** Manzate DF Fungicide  
**Registration Number:** 21057  
**Active ingredients (a.i.):** mancozeb  
**PMRA Document Number:** 2638853

### Background

Manzate DF Fungicide was first registered in Canada in 1989. It is currently registered to control a broad range of diseases on various fruits, vegetables, ornamental plants, and potatoes.

### Purpose of Application

The purpose of this application was to register a new manufacturing site for Manzate DF Fungicide and the resulting changes in its formulation.

### Chemistry Assessment

Manzate DF Fungicide is formulated as dry flowable granules containing mancozeb at a nominal concentration of 75%. This end-use product has a bulk density of 0.56-0.64 g/mL and pH of 7.27. The required chemistry data for Manzate DF Fungicide have been provided, reviewed and found to be acceptable.

The product manufactured at the new site was determined to be chemically equivalent to that produced in the current registered site.

### Health Assessments

As the toxicity profile of the product at the new manufacturing site is expected to be unchanged, no new toxicological data were submitted or required.

Residue data were not required either given that no amendments are made to the currently labeled crops and use patterns. Therefore, mancozeb residues are not expected to increase and, thus, will not pose an unacceptable health risk to any segment of the population, including infants, children, adults and seniors.

### Environmental Assessment

The new manufacturing site for Manzate DF Fungicide and resulting minor

formulation changes are not expected to increase the environmental risk associated with the use of the product.

### **Value Assessment**

Based on a rationale, minor formulation changes resulting from the new manufacturing site are not expected to impact the performance of Manzate DF Fungicide.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the new manufacturing site for Manzate DF Fungicide. The information was deemed sufficient to support the amendment to the product registration.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
2606704	2014, Five Batch Analysis Of Manzate 75% DF, DACO: 2.13.1,2.13.2,2.13.3,2.13.4,3.3.1,3.4.1 CBI
2606705	2014, Determination Of Physico-Chemical Properties Of Manzate 75% DF, DACO: 3.5.1,3.5.2,3.5.3,3.5.6,3.5.7,3.7 CBI
2668725	2016, Manufacturing Process for Manzate Prostick, DACO: 3.2.1,3.2.2,3.2.3,3.3.1 CBI
2606733	2016, Correspondence, DACO: 0.8

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