

## Evaluation Report for Category L, Subcategory 1.2 Application

**Application Number:** 2017-3964  
**Application:** Submissions Subject to Protection of Proprietary Interest in Pesticide Data (PIIP) Policy – Equivalency/Data Compensation Assessment  
**Product:** Meter 75 DF Herbicide  
**Registration Number:** 33932  
**Active ingredient (a.i.):** Metribuzin  
**PMRA Document Number:** 2992003

### Purpose of Application

The purpose of this application was to register Meter 75 DF Herbicide, containing metribuzin, based on precedent under the Protection of Proprietary Interest in Pesticide Data (PIIP) program.

### Chemistry Assessment

Meter 75 DF Herbicide is formulated as a wettable granule (dry flowable) containing metribuzin at a concentration of 75%. The end-use product has a density of 0.52 g/mL and pH of 8.0. The required chemistry data for Meter 75 DF Herbicide have been provided, reviewed and found to be acceptable.

### Health Assessments

Meter 75 DF Herbicide is of low acute oral, dermal and inhalation toxicity. It is minimally irritating to the eyes and non-irritating to the skin. It is not a dermal sensitizer.

The use pattern of Meter 75 DF Herbicide fits within the registered use pattern of the precedent product. Therefore, potential exposure to metribuzin for mixers, loaders, applicators and postapplication workers is not expected to exceed the current exposure to the registered products of metribuzin. No health concerns are expected provided that workers wear the appropriate PPE and follow all label restrictions.

No residue data for metribuzin were submitted to support the registration of Meter 75 DF Herbicide. The changes in product formulation between Meter 75 DF Herbicide and the precedent product are not expected to significantly impact the residues in/on food commodities treated with preplant or pre-emergent applications.

Therefore, residues of metribuzin in/on treated food commodities are not expected to increase and will be covered under the maximum residue limits (MRLs) established for metribuzin. Consequently, the dietary exposure to residues of metribuzin is not expected to increase with the registration of the end-use product and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

### **Environmental Assessment**

The use of Meter 75 DF Herbicide for the control of labelled grass and broadleaf weeds is not expected to pose additional environmental concerns than those for the registered precedent product.

### **Value Assessment**

The availability of Meter 75 DF Herbicide will provide farmers with another option to control both grasses and broadleaf weeds in an array of crops. Registration of a generic product may increase product competition in the marketplace, which may in turn reduce purchasing costs of similar products.

The formulation of Meter 75 DF Herbicide was compared to the formulation of the cited precedent product. The performance, in terms of efficacy and crop tolerance, of Meter 75 DF Herbicide can be expected to be comparable with that of the cited precedent product when they are applied pre-plant and pre-emergence with respect to the crop. Therefore, all uses and claims with the pre-plant and pre-emergent application timing (with respect to the crop) are supported.

### **Conclusion**

The Pest Management Regulatory Agency has completed the assessment of the available information and found it acceptable to support the registration of Meter 75 DF Herbicide.

## References

PMRA Document Number	References
2791791	2017, Product identity Application for The Registration of a New End Use Product, DACO: 3.1,3.1.1,3.1.2,3.1.3,3.1.4,3.2.3,3.3.1,3.5.13,3.5.15,3.5.5 CBI
2791792	2017, Description of Process Formulation, DACO: 3.2,3.2.1,3.2.2 CBI
2791793	2017, Metribuzin 75% DF. Physical-Chemical Properties and Accelerated Storage Study, DACO: 3.4,3.4.1,3.5.10,3.5.14,3.5.2,3.5.3,3.5.6,3.5.7
2791794	2017, Metribuzin 75 % DF. Reducing / Oxidizing Test, DACO: 3.5.8
2951821	2019, Acute Oral Toxicity Study of Metribuzin 75% DF in Wistar Rats, DACO: 4.6.1
2951822	2019, Acute Dermal Toxicity Study of Metribuzin 75% DF in Wistar Rats, DACO: 4.6.2
2951824	2019, Acute Eye Irritation/Corrosion Study of Metribuzin 75% DF in New Zealand White Rabbits, DACO: 4.6.4
2951825	2019, Acute Dermal Irritation/Corrosion Study of Metribuzin 75% DF in New Zealand White Rabbits, DACO: 4.6.5
2951826	2019, Skin Sensitisation Potential of Metribuzin 75% DF in Guinea pigs, DACO: 4.6.6
2951828	2019, Mutagenicity Evaluation of Metribuzin 75% DF by Ames Salmonella typhimurium - Reverse Mutation Assay, DACO: 4.6.8
2977800	2019, Acute Inhalation Toxicity Study of Metribuzin 75%DF in Wistar Rats, DACO: 4.6.3

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