



## Evaluation Report for Category L, Subcategory 1.2 Application

**Application Number:** 2023-2539  
**Application:** Application Subject to Protection of Proprietary Interests in Pesticide Data (PIIP) Policy – Equivalency/Data Compensation Assessment  
**Applicant:** NewAgco Inc.  
**Product:** Foxy Pro Herbicide  
**Registration Number:** 35305  
**Active ingredients (a.i.):** 2,4-D (present as low volatile esters) and Fluroxypyr (present as 1-methylheptyl ester)  
**PMRA Document Number:** 3603969

### Purpose of Application

The purpose of this application was to register a new commercial end-use product, Foxy Pro Herbicide, based on a registered precedent product.

### Chemistry Assessment

Foxy Pro Herbicide is formulated as an emulsifiable concentrate containing fluroxypyr (present as 1-methylheptyl ester) at a concentration of 90 g/L and 2,4-D (present as low volatile esters) at a concentration of 360 g/L. This end-use product has a density of 1.104 g/mL and pH of 3.81. The required chemistry data for Foxy Pro Herbicide have been provided, reviewed, and found to be acceptable.

### Health Assessments

Foxy Pro Herbicide was considered toxicologically equivalent to the precedent product. Foxy Pro Herbicide is considered to be of slight acute toxicity via the oral route and of low acute toxicity via the dermal and inhalation routes. It is considered to be mildly irritating to the skin and minimally irritating to the eyes. It is not considered a potential dermal sensitizer.

The use pattern of Foxy Pro Herbicide is comparable to the registered use pattern of the precedent product. Therefore, potential exposure for mixers, loaders, applicators, bystanders and postapplication workers is not expected to exceed the current exposure to the registered products of these active ingredients. No health risks of concern are expected for workers and bystanders when label directions, precautions and restrictions are followed.

No new residue data were submitted or are required to support the registration of Foxy Pro Herbicide. Previously reviewed residue data were re-assessed in the framework of this application. The use directions on the Foxy Pro Herbicide label, including the target crops, methods (ground and aerial), rates and timing of application, geographic restrictions, preharvest intervals, feeding restrictions, and crop rotation restrictions are comparable to those on the label of the precedent product. Based on this assessment, residues are not expected to be greater than those from the currently registered uses and will be covered by the established maximum residue limits (MRLs) for fluroxypyr and 2,4-D, as well as the general maximum residue limit (GMRL) of 0.1 ppm for residues of 2,4-D in/on wheat and barley. Consequently, dietary exposure to residues of 2,4-D (present as 2-ethylhexyl ester) and fluroxypyr (present as 1-methylheptyl ester) is not expected to increase with the registration of Foxy Pro Herbicide and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

### **Environmental Assessment**

The registration of Foxy Pro Herbicide falls within the registered use pattern of the precedent product. The registration is acceptable from an environmental perspective when used in accordance with the label directions.

### **Value Assessment**

The formulation of Foxy Pro Herbicide was compared to the precedent product. Based on this comparison, it was concluded that these products are expected to perform similarly, both in terms of efficacy and crop tolerance. Therefore, the labelled uses and claims for Foxy Pro Herbicide are acceptable since they are also included in the registration of the precedent product.

The availability of Foxy Pro Herbicide provides Canadian growers an additional product to manage weed infestations in wheat (spring, durum, winter) and spring barley as well as in rangeland, established pastures, and labelled non-crop areas.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found the information acceptable to support the registration of Foxy Pro Herbicide.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
3473016	2023, Chemistry Requirements for the Registration, DACO: 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.2.3, 3.3.1, 3.5.12, 3.5.15, 3.5.5 CBI
3473018	2023, Formulation Process and Flow Chart of Fluroxypyr 90G/L + 2,4 D 360G/L EC, DACO: 3.2.2 CBI
3473019	2023, Fluroxypyr 90g/L + 2,4-D 360g/l EC: Enforcement Analytical Method for the Determination of 2,4-D 2-EHE and Fluroxypyr-meptyl by High Performance Liquid Chromatography, DACO: 3.4.1 CBI
3473020	2022, Physical and Chemical Characteristics: Color, Physical State, Odor, Oxidation/Reduction, Flammability, pH, Viscosity, and Density/Relative Density, DACO: 3.5.1, 3.5.11, 3.5.2, 3.5.3, 3.5.6, 3.5.7, 3.5.8, 3.5.9 CBI
3473021	2022, Fluroxypyr 90g/L + 2,4-D 360g/L EC: Miscibility, DACO: 3.5.13 CBI
3473022	2023, Fluroxypyr 90g/L + 2,4-D 360g/l EC: Accelerated Storage Stability and Corrosion Characteristics, DACO: 3.5.10, 3.5.14 CBI
3598250	2024, Fluroxypyr 90g/l + 2,4-D 360g/l EC: Accelerated Storage Stability and Corrosion Characteristics, DACO: 3.5.10, 3.5.14 CBI
3598249	2024, Fluroxypyr 90g/l + 2,4-D 360g/l EC: Enforcement Analytical Method for the Determination of 2,4-D 2-EHE and Fluroxypyr-meptyl by High Performance Liquid Chromatography, DACO: 3.4.1 CBI

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