

## Evaluation Report for Category B, Subcategories 2.1, 2.3, 2.4, 2.6, 3.1 Application

**Application Number:** 2019-3662  
**Application:** New End-use Product (EP) Product Chemistry - Guarantee, Identity of Formulants, Proportion of Formulants, New Combination of Technical Grade Active Ingredients  
New Product Labels - Application Rate Increase or Decrease  
**Product:** Intruvix Pro A Herbicide  
**Registration Number:** 33868  
**Active ingredients (a.i.):** Dicamba (present as sodium salt), tribenuron-methyl, metsulfuron-methyl  
**PMRA Document Number:** 3143204

### Purpose of Application

The purpose of this application was to register a new EP containing a premix of dicamba (present as sodium salt), tribenuron-methyl, and metsulfuron-methyl, proposed for application in tank mix with glyphosate for post-emergent weed control in chemfallow or as a post-harvest treatment or on fields to be planted to wheat (spring, durum, and winter) and spring barley, for use in the Prairie Provinces, Peace River Region and Interior of British Columbia.

### Chemistry Assessment

Intruvix Pro A Herbicide is formulated as wettable granules containing tribenuron-methyl at 6.38%, metsulfuron-methyl at 1.28% and dicamba at 59.57%. This end-use product has a density between 0.50-0.70 g/cm<sup>3</sup> and pH between 6.2-9.2. The required chemistry data for Intruvix Pro A Herbicide have been provided, reviewed and found to be acceptable.

### Health Assessments

Intruvix Pro A Herbicide is considered to be slightly acutely toxic by the oral route and of low acute toxicity by the dermal and inhalation routes. It is considered to be mildly irritating to the eyes and minimally irritating to the skin. It is considered to be a dermal sensitizer.

The exposures to Intruvix Pro A Herbicide used for pre-seed application to wheat (spring, winter, and durum), spring barley and as a chemfallow or a post-harvest field treatment are not expected to exceed the occupational exposures of mixers, loaders, applicators, postapplication workers and bystanders to currently registered products containing dicamba, tribenuron-methyl, or metsulfuron-methyl. No health risks of concern are expected, provided that workers follow all use directions and precautions, including wearing the required personal protective equipment.

No new residue data for dicamba, metsulfuron-methyl and tribenuron-methyl were provided. Previously reviewed residue data were reassessed in the framework of this petition. The dietary exposure assessment on file is considered adequate to cover the residues of dicamba, metsulfuron-methyl and tribenuron-methyl expected from the use of this product. No health risks of concern have been identified for any segment of the population including infants, children, adults and seniors.

### **Environmental Assessment**

The environmental risks associated with the uses of Intruvix Pro A Herbicide are acceptable when used according to the label directions.

### **Value Assessment**

The registration of Intruvix Pro A Herbicide, containing three active ingredients from herbicide mode of action Groups 2 and 4 in a single formulation, applied with glyphosate herbicides from Group 9, will provide farmers an additional option for control of grasses and broadleaf weeds, including Groups 2 and 9 resistant kochia, and for herbicide resistant management.

Value information submitted consisted of scientific rationales and the cited precedent registrations. The information collectively demonstrated that the application of Intruvix Pro A Herbicide can be expected to provide acceptable control of labelled weeds, including Group 2 and 9 resistant kochia, on fields to be planted to wheat (spring, durum, and winter) and spring barley and as a chemfallow or post-harvest treatment.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to support the registration of Intruvix Pro A Herbicide.

## References

<b>PMRA No.</b>	<b>Reference</b>
3018173	2019, Rationale to Support Upper and Lower Limits for Burnit Extend A Herbicide, DACO: 3.4,3.4.1 CBI
3018180	2019, Burnit Extend A Herbicide: Request for Waiver of Storage Stability and Corrosion Characteristics Studies, DACO: 3.5.10,3.5.14 CBI
3018182	2019, Burnit Extend A Herbicide: Request for Waiver of Part 3 Chemistry Data, DACO: 3.0, 3.5, 3.5.1, 3.5.10, 3.5.11, 3.5.12, 3.5.13, 3.5.14, 3.5.15, 3.5.2, 3.5.3, 3.5.4, 3.5.5, 3.5.6, 3.5.7, 3.5.8 CBI
3018183	2019, Burnit Extend A Herbicide: Part 3.1-3.2 Chemistry, DACO: 3.1, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.2, 3.2.1, 3.2.2, 3.2.3 CBI
3018178	2019, Rationale to support value of Burnit Extend A Herbicide, DACO: 10.1, 10.2, 10.3.2, 10.3.2(A), and 10.3.3.

© Her Majesty the Queen in Right of Canada, as represented by the Minister of Health Canada, 2020

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of Health Canada, Ottawa, Ontario K1A 0K9.