

## Evaluation Report for Category B, Subcategory 3.10, 3.11 Application

**Application Number:** 2015-7024  
**Application:** Changes to Product Labels – Tank Mixes and New Pests  
**Product:** Sencor 75DF Herbicide  
**Registration Number:** 17242  
**Active ingredients (a.i.):** Metribuzin  
**PMRA Document Number:** 2718130

### Purpose of Application

The purpose of this application was to amend the Sencor 75DF Herbicide product label to include a tank mix with STZ Herbicide for pre-emergent treatment of potatoes.

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

Toxicology and occupational exposure assessments were not required for this application.

No residue data for metribuzin in potatoes were submitted to support the addition of STZ Herbicide to the Sencor 75DF label as a tank mix partner. The change does not represent a use expansion, as metribuzin is registered for potato use with the same use pattern. As such, it does not pose an unacceptable risk to any segment of the population including infants, children, adults, and seniors.

### Environmental Assessment

The rates were within currently registered rates. No additional environmental risk is expected from the use of this product. Therefore, additional environmental data were not required to support the use of Sencor 75DF Herbicide on this crop. Environmental concerns are mitigated on the existing label.

### Value Assessment

Control of broadleaf weeds and grasses in potato is identified as a priority in the Canadian Grower Priority Database. The application of STZ Herbicide in tank mix with Sencor 75DF Herbicide improves control of broadleaf weeds, e.g., control of kochia and triazine resistant redroot pigweed and lamb's-quarters, in potato which would satisfy the needs of growers.

Value information demonstrated that the treatment of Sencor 75DF Herbicide at 600-800 g/ha in tank mix with STZ Herbicide at 157-219 mL/ha provided acceptable control of weeds labelled for Sencor 75DF Herbicide, including triazine resistant redroot pigweed and lamb's-quarters, and control of kochia when STZ Herbicide was applied at the high rate.

The value information available included data from a total of eight field trials, which were conducted in potatoes in Ontario, Quebec, and PEI.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of available information and has determined the information is sufficient to amend the Sencor 75DF Herbicide label.

## References

PMRA Document Number	References
2593926	2015, Value assessment of a Sencor 75 DF Herbicide (metribuzin) + Authority 480 Herbicide (sulfentrazone) tank-mixture applied pre-emergence in potato grown in Eastern Canada and Coastal British Columbia, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.2.3.1, 10.2.3.3(B), 10.2.4, 10.3, 10.3.2, 10.3.2(A), 10.5.1, and 10.5.2.
2593929	2015, Value assessment of a Sencor 75 DF Herbicide (metribuzin) + Authority 480 Herbicide (sulfentrazone) tank-mixture applied pre-emergence in potato grown in Eastern Canada and Coastal British Columbia - field trials, DACO: 10.2.3.3(B).

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