

## Evaluation Report for Category B, Subcategory 3.6 Application

**Application Number:** 2018-1025  
**Application:** Changes to Product Labels – Pre-Harvest  
**Product:** Shieldex 400SC Herbicide  
**Registration Number:** 32943  
**Active ingredient (a.i.):** Tolpyralate  
**PMRA Document Number:** 2977309

### Purpose of Application

The purpose of this application was to amend the product label for Shieldex 400SC Herbicide to reduce the preharvest interval for field corn and popcorn from 85 to 45 days.

### Chemistry, Environmental and Value Assessments

Chemistry, environmental and value assessments were not required for this application.

### Health Assessments

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

No residue data were submitted to support the requested amendment to the preharvest interval (PHI) for field corn and popcorn on the registered Shieldex 400SC Herbicide label. No other amendments to parameters impacting the current food residue review were requested. Based on the weight-of-evidence of a re-assessment of previously reviewed metabolism and field trial study results, it was determined that no quantifiable residues of tolpyralate are anticipated in field corn or popcorn grain harvested at the shorter 45-day PHI. As such, the available data on file are adequate to support this request. Residues of tolpyralate in/on treated field corn and popcorn commodities are not expected to increase and will be covered under the maximum residue limits (MRLs) currently established. Consequently, the dietary exposure to residues of tolpyralate is not expected to increase and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

### Conclusion

The Pest Management regulatory Agency has completed an assessment of the available information and has found it sufficient to support the amendment to the product label for Shieldex 400SC Herbicide.

## References

PMRA  
Document  
Number

References

2859795      2018, Tolpyralate Waiver Request to Reduce the PHI from 85 to 45 days for Field Corn and Popcorn Grain, DACO: 7.4

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