

## Evaluation Report for Category B, Subcategory 3.5 Application

**Application Number:** 2018-3190  
**Application:** Changes to End-Use Product Label – Rotational Crops\Plantback Interval  
**Product:** Paradigm Herbicide  
**Registration Number:** 31304  
**Active ingredients (a.i.):** Florasulam, Halauxifen (present as methyl ester)  
**PMRA Document Number:** 2997982

### Purpose of Application

The purpose of this application was to amend the label of Paradigm Herbicide to add the rotational crops, alfalfa and fababeans, to be seeded a minimum of 10 months after the herbicide application.

### Chemistry and Environmental Assessments

Chemistry and environmental assessments were not required for this application.

### Health Assessments

No residue data were submitted for halauxifen (present as methyl ester) or florasulam to support the re-cropping recommendations for Paradigm Herbicide. Previously reviewed residue data for halauxifen (present as methyl ester) and florasulam in rotational crops were reconsidered in the framework of this petition. Based on this assessment, it was concluded that the proposed amendment of the re-cropping recommendations for Paradigm Herbicide can be supported from the food residue perspective. Dietary exposure to residues of halauxifen (present as methyl ester) and florasulam as a result of this action will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

Occupational exposure and toxicology assessments were not required for this application.

### Value Assessment

Expansion of the registration of Paradigm Herbicide to include fababean and alfalfa as rotational crop options will provide farmers with greater flexibility in their crop rotations.

Value information submitted for review included data from replicated field trials and use history information. This information along with the registration of a precedent halauxifen herbicide demonstrated that fababean and alfalfa as rotational crops can be safely planted 10 months after the application of Paradigm Herbicide as per the label instructions.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided and has determined that the addition of alfalfa and fababeans as rotational crops to be seeded a minimum of 10 months after application of Paradigm Herbicide can be supported.

## References

| <b>PMRA Document Number</b> | <b>Reference</b>   |
|-----------------------------|--|
| 2904635                     | 2018, Fababean - Adverse effect trial summary, DACO: 10.3.3.                         |
| 2904636                     | 2018, Alfalfa - Florasulam and fluroxypyr use history adverse effects, DACO: 10.3.3. |

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