

## Evaluation Report for Category B, Subcategory 3.5 Application

**Application Number:** 2021-0627  
**Application:** Changes to Product Labels – Rotational Crops/Plantback Interval  
**Product:** ACURON Herbicide  
**Registration Number:** 31846  
**Active ingredients (a.i.):** S-metolachlor and R-enantiomer, atrazine, mesotrione, bicyclopyrone  
**PMRA Document Number:** 3352844

### Purpose of Application

The purpose of this application was to amend the product label of ACURON Herbicide to add two new crops, potatoes and white beans, as rotational crops.

### Chemistry and Environmental Assessments

Chemistry and environmental assessments were not required for this application.

### Health Assessments

No new rotational crop data for S-metolachlor and R-enantiomer, mesotrione, bicyclopyrone, and atrazine were submitted to support the addition of potatoes and white beans as rotational crops with a plantback interval (PBI) of 11 months on the label of ACURON Herbicide. Previously reviewed confined and field rotational crop data were re-assessed in the framework of this application and are adequate to support the changes.

Residues of S-metolachlor and R-enantiomer, mesotrione, bicyclopyrone, and atrazine are not expected to be greater than that for the currently registered uses and will be covered by the currently established maximum residue limits (MRLs). Consequently, dietary exposure to residues of these active ingredients is not expected to increase with the amendments to the label of ACURON Herbicide and will not pose health risks of concern to any segment of the population, including infants, children, adults and seniors.

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

### Value Assessment

Expansion of the use pattern to include potatoes and white beans as rotational crops provides growers with greater flexibility in their rotational cropping options.

Value information, consisting of field trial data and extrapolations from precedent products, demonstrated that potatoes and white beans can be safely planted after 11 months as per the ACURON Herbicide label instructions.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided and has found the information acceptable to support the amendments to the label for ACURON Herbicide.

## References

PMRA Document Number	References
3199771	2021, Value Summary for Acuron Herbicide to add the rotational crops White Beans and Potatoes, DACO: 10.1
3199773	2019, Evaluate carryover of Acuron applied POST in corn - Year 1 of 2. 2019 will be the year of re-cropping to various field crops, DACO: 10.2.3.3
3199774	2020, Evaluate carryover of Acuron and Acuron Flexi applied pre and post in corn - Year 1 of 2. 2020 will be the year of re-cropping to various field crops, DACO: 10.2.3.3
3199775	2020, Evaluate carryover of Acuron and Acuron Flexi applied pre and post in corn - Year 1 of 2. 2020 will be the year of re-cropping to various field crops, DACO: 10.2.3.3
3199776	2019, Evaluate carryover of Acuron applied POST in corn - Year 1 of 2. 2019 will be the year of re-cropping to various field crops, DACO: 10.2.3.3
3199777	2019, Evaluate carryover of Acuron applied POST in corn - Year 1 of 2. 2019 will be the year of re-cropping to various field crops, DACO: 10.2.3.3
3199778	2020, Evaluate carryover of Acuron and Acuron Flexi applied pre and post in corn - Year 1 of 2. 2020 will be the year of re-cropping to various field crops, DACO: 10.2.3.3
3199779	2020, Evaluate carryover of Acuron and Acuron Flexi applied pre and post in corn - Year 1 of 2. 2020 will be the year of re-cropping to various field crops., DACO: 10.2.3.3
3199780	2020, Evaluate carryover of Acuron and Acuron Flexi applied pre and post in corn - Year 1 of 2. 2020 will be the year of re-cropping to various field crops, DACO: 10.2.3.3

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