

## Evaluation Report for Category B, Subcategory 2.4, 3.12 Application

**Application Number:** 2020-5822  
**Application:** New End-use Product Chemistry- Proportion of Formulants;  
New Product Labels – New Site or Host  
**Product:** Accent IS Herbicide  
**Registration Number:** 34410  
**Active ingredient (a.i.):** Nicosulfuron  
**PMRA Document Number:** 3314215

### Purpose of Application

The purpose of this application was to register a new herbicide end-use product, Accent IS Herbicide, for use on corn (field, seed, and sweet).

### Chemistry Assessment

Accent IS Herbicide is formulated as a wettable granule containing nicosulfuron at a concentration of 54.55%. This end-use product has a density of 0.61 – 0.664 g/mL and pH of 5.3. The required chemistry data for Accent IS Herbicide have been provided, reviewed and found to be acceptable.

### Health Assessments

Accent IS Herbicide is considered to be of low toxicity via the oral, dermal and inhalation routes. It is considered to be minimally irritating to the eye and slightly irritating to the skin. It is not considered to be a dermal sensitizer.

The use of Accent IS Herbicide for use on corn (field, seed, and sweet) is not expected to result in potential occupational or bystander exposures greater than those of the registered use of nicosulfuron. No risks of concern are expected when workers follow label directions and wear personal protective equipment as stated on the label.

No new residue data for nicosulfuron in corn were submitted to support the registration of this active on the Accent IS Herbicide label. Previously reviewed residue data from field trials conducted in/on corn, treated with nicosulfuron, were reassessed in the framework of this petition. In addition, processing studies in treated corn were also reassessed to determine the potential for concentration of residues of nicosulfuron into processed commodities. Therefore, residues of nicosulfuron in/on treated 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 nicosulfuron is not expected to increase with the registration of Accent™ IS Herbicide and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

### **Environmental Assessment**

The registration of Accent IS Herbicide for the post-emergent control of grassy weeds in field, sweet, and seed corn is acceptable from the perspective of environmental risk when used in accordance with label directions.

### **Value Assessment**

Value information submitted for review consisted of precedent registrations, scientific rationales, and data from field research trials. This information demonstrated that : (1) an application of Accent IS Herbicide, as per the label instructions, provides acceptable control of annual grasses and quackgrass, and; (2) field, sweet, and seed corn can be expected to have adequate margins of tolerance to Accent IS Herbicide nationwide. All other claims are supported for labelling based on the precedent registrations.

The registration of Accent IS Herbicide provides corn growers (including more sensitive seed corn lines) across Canada with an option for controlling annual grasses and quackgrass.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support the registration of Accent IS Herbicide.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
3179957	2018, Value document to support use of Accent & isoxadifen in field corn, sweet corn and seed corn in Canada for the control of labelled weeds, DACO: 10.1, 10.2, 10.2.1, 10.2.2, 10.2.3, 10.3.1, and 10.3.2
3179953	2020, Accent IS Herbicide: Request for Waiver of Part 3 Chemistry Data, 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, 3.3.1, 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, 3.5.9 CBI
3179954	2014, Analytical Method For Determination of [CBI REMOVED] Blends of Paste-Extruded Products, DACO: 3.4.1 CBI
3179955	2014, Validation of the Analytical Method for Determination of [CBI REMOVED] Blends of Paste-Extruded Products, US vs Non-Confidential, DACO: 3.4.1
3179956	2014, Validation of the Analytical Method For Determination of [CBI REMOVED] Blends of Paste-Extruded Products, US vs Confidential, DACO: 3.4.1
3180444	2020, Accent IS Herbicide Part 3.1 - 3.2.3 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
3295413	2009, 3.4.1 [CBI REMOVED] Accent IS Deficiency response, DACO: 3.4.1
3179959	2020, Accent IS Herbicide: Request for Waiver of Part 4 Toxicology - Acute Studies, DACO: 4.6, 4.6.1, 4.6.2, 4.6.3, 4.6.4, 4.6.5, 4.6.6

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