

## Evaluation Report for Category C, Subcategory C.3.10 Application

**Application Number:** 2012-1623  
**Application:** Category C, Subcategory C.3.10 (New or Changes to Product Label – Tank Mixes)  
**Product:** Indaziflam 500 SC Herbicide  
**Registration Number:** 30220  
**Active ingredients (a.i.):** 500 g/L Indaziflam  
**PMRA Document Number:** 2210254

### Background

INDAZIFLAM 500 SC Herbicide is registered for use on pome fruit, stone fruit, grapes and tree nuts in eastern Canada and British Columbia only, for pre-emergence control of annual grass and broadleaf weeds. INDAZIFLAM 500 SC Herbicide may be applied once at any time throughout the growing season at a rate of 75 g a.i./ha. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

### Purpose of Application

The purpose of this application was to amend the registration of INDAZIFLAM 500 SC Herbicide to extend the registered tank mix of this herbicide at 75 g a.i./ha with Ignite SN Herbicide (Reg. No. 28532) at 405-750 g a.e./ha to include use in sweet and sour cherry for pre-emergence weed control and burndown of emerged weeds.

### Chemistry, Health, and Environmental Assessments

Chemistry, health, and environmental assessments were not required as there was no change to product chemistry, product formulation, use site and use pattern.

### Value Assessment

Information in the form of a rationale was submitted in which it was explained that as the tank mix of INDAZIFLAM 500 SC Herbicide + Ignite SN Herbicide was already registered for application in other orchard crops, specifically apple, pear, peach, and plum and grape vineyards, and that this tank mix would be expected to provide the same level of pre-emergence control of indaziflam-labeled weeds and burndown of emerged weeds in sweet and sour cherry as in other labeled crops due to similar competitive ability and growth characteristics, and in considering that this tank mix is not directly applied to fruit trees, substantial differences in efficacy or tolerance among host crops would not be expected.

The availability of this tank mix will provide cherry growers with the same one-pass combination of pre-emergence weed control and burndown of emerged weeds that was already available to growers of other orchard crops and vineyards.

## **Conclusions**

The PMRA has completed an assessment of the subject application and has found the information sufficient to amend the registration of INDAZIFLAM 500 SC Herbicide to include use on cherry (sweet/sour).

## **Reference**

List of Studies/Information Submitted by Registrant

PMRA # 2182589: 2012, Indaziflam 200 SC + Ignite SN Herbicide tank mixture for use in sweet and sour cherries, DACO: 10.1,10.2.3.1,10.2.3.3(B),10.3.1,10.3.2(A)

ISSN: 1911-8082

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