

## Evaluation Report for Category B, Subcategory 3.6, 3.8, 3.10 Application

**Application Number:** 2016-7158  
**Application:** Changes to Product Labels - Pre- Harvest, Re-Entry Interval, and Tank Mixes  
**Product:** Cyclone  
**Registration Number:** 30459  
**Active ingredients (a.i.):** Citric Acid, Lactic Acid  
**PMRA Document Number :** 2724085

### Purpose of Application

The purpose of this application was to amend the re-entry interval, and to add a pre-harvest interval and tank mix statements to the label of Cyclone (registration number 30459). Tank-mix statements include the addition of Xiameter OFX-309 Fluid (registration number 23078) and the addition of application rates for the surfactants Liberate and Agral 90.

### Chemistry and Environmental Assessments

Chemistry and environmental assessments were not required for this application.

### Health Assessments

A toxicological assessment was not required for this application.

The amended re-entry interval label statement and addition of a pre-harvest interval label statement are acceptable and will not pose an unacceptable risk to human health since these statements do not alter the registered use pattern.

### Value Assessment

Results from three greenhouse trials on tomato and sweet pepper conducted in Quebec in 2015 – 2016 were reviewed in support of the use of Xiameter OFX-0309 Fluid with Lacto-San and Cyclone. Cyclone plus Xiameter OFX-0309 Fluid at 0.015% effectively reduced the presence of Cyclone residues on tomato and sweet pepper tested in these trials, which made the vegetable fruits marketable for the growers.

Uses of surfactants Liberate at 0.25% and Agral 90 at 0.1% were confirmed with the efficacy data and all claims are supported from a value perspective.

## Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to support amendments to the Cyclone label for pre-harvest interval, re-entry interval and tank-mix statements.

## References

### PMRA

#### Document

Number	Reference
2698107	2016, Value Summary, DACO: M10.1
2698108	2016, Greenhouse trial 2016-AEF-04, DACO: M10.2.2
2698109	2016, Greenhouse trial 2015-AEF-30a, DACO: M10.2.2
2698110	2016, Greenhouse trial 2015-AEF-30b, DACO: M10.2.2

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