

## Evaluation Report for Category B, Subcategories 3.10, 3.12, 3.2, 3.4 Application

**Application Number:** 2022-3561  
**Application:** Changes to Product Labels – Tank Mixes, New Site or Host, Application Timing, and Application Method  
**Product:** Excel 70  
**Registration Number:** 33392  
**Active ingredient (a.i.):** Surfactant blend  
**PMRA Document Number:** 3511399

### Purpose of Application

The purpose of this application was to add use as a harvest aid to the label of Excel 70, Reg. No. 33392, by including Reglone Desiccant and Stage Desiccant as tank-mix partners for use as a crop desiccant treatment in beans (i.e., white kidney, red kidney, soybean, and adzuki beans), lentils, and potatoes (for vine killing).

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessments

A toxicology assessment was not required for this application.

The amendment to the registered label of Excel 70, containing an 80% blend of surfactants, is supported from an occupational exposure perspective. Based on the use pattern, which is comparable to the registered use pattern for the tank-mix partners, occupational and bystander exposure are not expected to exceed that of the registered uses. No health risks of concern are expected, provided that workers wear the appropriate personal protective equipment and follow all label directions for use.

No new diquat residue data were submitted or were required to support the addition of a harvest aid application (resulting in addition of new tank-mixes and new crops) to Excel 70. The use pattern of Excel 70 as a harvest aid, when used with the tank-mix partners Reglone Desiccant and Stage Desiccant on beans, soybeans, lentils and potatoes, is comparable to the registered use pattern for these tank-mix partners with regards to the targeted crops, similar type of adjuvant, application timing, application methods and rates, and as such, does not represent an expansion of use. Thus, no change in the magnitude of diquat residues is expected in/on crop and livestock-derived food commodities. Therefore, dietary exposure to diquat found in the tank-mix partners is not expected to increase and will not pose an unacceptable risk to any segment of the population, including infants, children, adults and seniors.

## **Environmental Assessment**

The uses on the Excel 70 label are within the currently registered use pattern of the surfactant blend. Environmental risk is acceptable when Excel 70 is used in accordance with the label, which includes statements to mitigate risks to the environment.

## **Value Assessment**

The availability of Excel 70 for application with Reglone Desiccant and Stage Desiccant provides users more flexibility to choose their preferable and available brand of surfactant to apply these products for crop desiccation.

Value information submitted for review consisted of data from replicated field research trials. The trial information along with scientific rationales support the inclusion of Reglone Desiccant and Stage Desiccant on the Excel 70 label as tank mix options for use as harvest aid treatments on white and red kidney beans, soybeans, adzuki beans, and lentils, and on potatoes for vine killing.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to support the amendment to the label of Excel 70.

## References

### PMRA

#### Document

#### Number

#### Reference

3375403	2022, Trial Summaries Ag-Quest, DACO: 10.1,10.2,10.2.3.3
1945918	UAP Desiccation 2008, DACO: 10.2.3.3
1945921	LI 6316 Adjuvant Comparison on Potatoes, DACO: 10.2.3.3

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