

Evaluation Report for Category C, Subcategory 3.10 Application

Application Number: 2009-4604
Application: New or Changes to Product Labels – Tank-Mixes
Product: KANTORAL
Registration Number: 29157
Active ingredients (a.i.): Triglyceride ethoxylate 10 POE [TXR]
PMRA Document Number: 1909836

Background

KANTORAL was first registered on January 23, 2009. KANTORAL is a non-ionic adjuvant derived from soybean oil registered for use with various insecticides, herbicides and plant growth regulators as well as with Elevate 50 WDG Fungicide.

Purpose of Application

The purpose of this Cat C submission is to add two tank-mix partners, Folicur 432 F Foliar Fungicide and Proline 480 SC Foliar Fungicide, to the KANTORAL label. Folicur 432 F is a foliar fungicide for suppression of fusarium head blight (FHB) and control of septoria leaf and glume blotch, rusts and powdery mildew on wheat. Proline 480 SC is a broad-spectrum systemic fungicide registered for control or suppression of various diseases on barley, borage, canola, chickpeas, crambe, flax, lentils, Oriental mustard, rapeseed, sugar beet and wheat.

Chemistry, Health and Environmental Assessments

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since there was no change to the application rates.

Value Assessment

The applicant provided three trials and a rationale in support of the proposed tank mixes. In all trials, spring wheat and two-rowed barley plots infected with FHB were treated with either Folicur 432 F or Proline 480 SC tank-mixed with KANTORAL at 0.125%. These results showed statistically similar efficacy to tank-mixes containing the commercial standard Agral 90 with regards to FHB incidence, FHB severity and yield assessments. Given the consistent efficacy and lack of adverse effects resulting from the tested tank-mixes used for control of FHB, a major wheat and barley disease, the addition of the tank-mixes to the KANTORAL label is supported from a value perspective from a value perspective.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to amend the registration of KANTORAL to include tank-mixes Folicur 432 F Foliar Fungicide and Proline 480 SC Foliar Fungicide.

References

- 1823563 2009, Value Summary, DACO: 10.1
- 1823564 2009, Summary for Norac Surfactant, DACO: 10.1,10.2.3.1,10.2.3.3(B),10.3.1,10.3.2(A)
- 1823566 2009, Excel Summaries, DACO: 10.2.3.1,10.3.1
- 1823569 2009, Evaluation of Norac Adjuvants used in conjunction with Folicur and Proline for the control of Fusarium Head Blight in Wheat., DACO: 10.2.3.3,10.3.2
- 1823570 2009, Evaluation of Norac Adjuvants used in conjunction with Folicur and Proline for the control of Fusarium Head Blight in wheat., DACO: 10.2.3.3,10.3.2
- 1823571 2009, Evaluation of Norac adjuvants with Proline for the control of FHB in Barley, DACO: 10.2.3.3,10.3.2

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