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Gxcnvcvlqp'Tgrqtv'lqt'Ecvgiqt{'E.'Uwdecvgiqt{'5\B2'Crrlecvlqp

Crrheckqp'P wo dgt <' 2012-0491"
Crrheckqp<''' 'Vepm'o kzgu''
Rt qf wew' '' Zoxium 80W Agricultural Fungicide
Tgi kmt cklqp'P wo dgt <' 26840
Cevksg'kpi t gf kgpwi*cllok' Zoxamide
RO TC'F qewo gpv'P wo dgt <'43; 2727"

Dceni t qwpf

Zoxium 80W Agricultural Fungicide was first registered in Canada on May 25, 2001. This product is currently registered for control of early blight and late blight on potatoes as well as downy mildew on grapes. Zoxium 80W Agricultural Fungicide must be tank-mixed with Dithane DG Rainshield NT Fungicide when used on potatoes.

Zoxium 80W Agricultural Fungicide contains a wettable powder formulation of 80% zoxamide, a benzamide fungicide that interferes with β -tubulin assembly in mitosis. Zoxamide inhibits germ tube elongation and zoospore development within sporangia. For specific details of uses, application rates and methods, precautions, restrictions, and personal protective equipment requirements, refer to the product label.

Rwt r qug'qh'Cr r nec vlqp

The purpose of this Cat C.3.11 is to add one tank-mix partner, Echo 90 DF Fungicide, to the Zoxium 80W Agricultural Fungicide label for control of early blight and late blight on potatoes.

Ej go kwt{.'J genj 'epf 'Gpxkt qpo gpvenCuuguno gpvu

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since application rates for the new use are within previously registered rates.

Xcnvg'Curguro gpv

The two tank-mix partners are already registered in Canada for control of early blight and late blight on potatoes. The rates of Echo 90 DF (1000-1240 g/ha) and Zoxium 80W (187.5-235 g/ha) proposed in the tank-mix are within their respective registered rates for control of these two diseases.



Four field trials evaluated the efficacy of the proposed tank-mix against potato early blight and leaf blight. Zoxium 80W tank-mixed with Echo 90 DF generally provided statistically comparable levels of protection as the commercial standards Gavel 75 DF, Zoxium 80W and Echo 90 DF. No adverse effects or physical compatibility issues were noted in the trials.

Conclusion

The PMRA has completed an evaluation of the subject application and has found the information sufficient to add one tank-mix partner, Echo 90 DF Fungicide, to the Zoxium 80W Agricultural Fungicide label for control of early blight and late blight on potatoes

References

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2157494	2011, GWN 4700 and GWN-10043 Control Late Blight in Potatoes Canadian
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