

## Evaluation Report for Category B, Subcategory 3.1, 3.10 Application

**Application Number:** 2021-6099  
**Application:** Category B.3.1, B.3.10 (Reduced application rate, New or Changes to product label – Tank mixes)  
**Product:** Allegiance FL (Reg. No. 26674)  
**Registration Number:** 26674  
**Active ingredients (a.i.):** Metalaxyl (MTA) at 310 g/L  
**PMRA Document Number:** 3353258

### Background

Allegiance FL, containing metalaxyl at 310 g/L, is a systemic fungicide registered for seed treatment use on corn at an application rate of 46 - 110 mL/100 kg seed for the control of seed rot and seedling blight caused by *Pythium* spp.. 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 is to register a reduced application rate of Allegiance FL (6.5 – 24.5 mL per 100 kg seed) for use on corn when applied in combination with PTZ 480SC Seed Treatment Fungicide (Reg. No. 31839) and Fluoxastrobin ST (Reg. No. 31993) at their currently registered rates.

### Chemistry, Health, Environmental Assessment

A chemistry assessment was not required since there was no change to product chemistry. Health and environmental assessments were not required since the use pattern, including host crop, application rates and timings, of the component product remained unchanged.

### Value Assessment

The results of seven efficacy trials conducted in 2020 in the US provided evidence that Allegiance FL, applied at rates lower than currently registered (6.5 - 24.5 mL product/100 kg seed) in combination with PTZ 480SC Seed Treatment Fungicide and Fluoxastrobin ST controls seed rot caused by *Pythium* spp. on corn. This registration allows the use of lower application rates of metalaxyl on corn when tank mixed with these specific tank-mix partners.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the product, Allegiance FL, and has found the information sufficient to support the reduction of the application rate of metalaxyl on corn when applied in a tank mix with PTZ 480SC Seed Treatment Fungicide and Fluoxastrobin ST.

## References

<b>PMRA Document Number</b>	
3291046	VALUE ASSESSMENT of Allegiance FL and Acceleron D-309 fungicide seed treatment - Data supporting a reduced rate in corn in combination with broadspectrum fungicides for control of seed rots and seedling blights rot caused by Pythium spp., DACO: 10.2.2,10.2.3.1,10.2.3.3(D),10.3,10.3.2(B),10.5
3291047	VALUE ASSESSMENT of Allegiance FL and Acceleron D-309 fungicide seed treatment - Data supporting a reduced rate in corn in combination with broadspectrum fungicides for control of seed rots and seedling blights rot caused by Pythium spp., DACO: 10.2.3.1
3291048	VALUE ASSESSMENT of Allegiance FL and Acceleron D-309 fungicide seed treatment - Data supporting a reduced rate in corn in combination with broadspectrum fungicides for control of seed rots and seedling blights rot caused by Pythium spp. - Compilation of Trial Reports, DACO: 10.2.3.3(D)

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