

Evaluation Report for Category B, Subcategories 3.11, 3.13 Application

Application Number: 2019-1368
Application: Changes to Product Labels-New Pests
Changes to Product Labels-Precautions
Product: BAS 154 U ST
Registration Number: 33252
Active ingredients (a.i.): *Bacillus subtilis* strain BU1814, *Bacillus amyloliquefaciens* strain MBI600
PMRA Document Number: 3060367

Purpose of Application

The purpose of this application was to add the pest *Fusarium* spp. to the label of BAS 154 U ST and to amend the storage stability statements on the product label from 6 months at 4°C to 24 months at 20°C.

Chemistry Assessment

Data were provided to support a storage interval for BAS 154 U ST for up to 24 months when the product is stored at 20°C. No further information is required to complete the product characterization and analysis database for BAS 154 U ST.

Health and Environmental Assessments

Health and environmental assessments were not required for this application.

Value Assessment

The results of efficacy trials as well as scientific rationales were reviewed to support the claim of partial suppression of seed and seedling diseases caused by *Fusarium* spp. on soybean. Based on the value information provided, the claim of partial suppression of seed rot, pre and post emergent damping-off, seedling blight, and root rot caused by *Fusarium* spp. on soybean is supported from a value perspective. BAS 154 U ST will offer an additional product for farmers to manage seed and seedling diseases on soybeans.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found it sufficient to add *Fusarium* spp. to the label of BAS 154 U ST, and to amend the storage stability statements on the label to 24 months at 20°C.

References

PMRA Document Number	Reference
2977939	2019, Product Profile and Proposed Use Pattern BAS 154 U ST, DACO: M1.2
2977940	2018, Storage Stability on BAS 154 01 U, DACO: M2.11
2977979	2019, BAS 154 U ST and Velondis Plus - fungicide seed treatments for use in Crop Subgroup 6C, and soybean., DACO: 10.1, M10.3.1, M10.3.2.1, M10.3.2.2, M10.4.1,M10.4.2,M10.4.3,M10.4.4
2977980	2019, Field studies in support of the petition to register products containing <i>Bacillus subtilis</i> strain BU1814 and <i>Bacillus amyloliquefaciens</i> strain MBI 600 as seed treatments on soybean and Crop Subgroup 6C Crop Subgroup 6C Trial Reports, DACO: M10.2.2
2977981	2019, Field studies in support of the petition to register products containing <i>Bacillus subtilis</i> strain BU1814 and <i>Bacillus amyloliquefaciens</i> strain MBI 600 as seed treatments on soybean and Crop Subgroup 6C Soybean Trial Reports, DACO: M10.2.2

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