

## Evaluation Report for Category B, Subcategory 3.1 Application

**Application Number:** 2020-3233  
**Application:** Changes to Product Labels - Application Rate Decrease  
**Product:** AVEO EZ Nematicide  
**Registration Number:** 33680  
**Active ingredient (a.i.):** *Bacillus amyloliquefaciens* strain PTA-4838  
**PMRA Document Number:** 3177168

### Purpose of Application

The purpose of this application was to amend the product guarantee and application rate for the registered end-use product (EP) AVEO EZ Nematicide.

### Product Characterization and Analysis

The information and data provided in support of the amendment to the product guarantee for AVEO EZ Nematicide were reviewed and found to be acceptable. No further information is required. Data were provided from an acceptable number of batches to support the product specifications of a minimum of  $5.1 \times 10^{10}$  CFU/g.

### Health Assessments

The toxicological database for AVEO EZ Nematicide is complete. The changes in the product guarantee of AVEO EZ Nematicide will not pose a health risk of concern. The existing risk mitigation measures, such as personal protective equipment, will minimize exposure and protect applicators, mixer/loaders, and handlers that are likely to be exposed. No further measures are required.

### Maximum Residue Limit

As part of the assessment process prior to the registration of a pesticide, Health Canada must determine that the consumption of the maximum amount of residues that are expected to remain on food products when a pesticide is used according to label directions will not be a concern to human health. This maximum amount of residues expected is then legally specified as an MRL under the *Pest Control Products Act* (PCPA) for the purposes of adulteration provision of the *Food and Drugs Act* (FDA). Health Canada specifies science-based MRLs to ensure the food Canadians eat is safe.

The specification of MRLs, under the *Pest Control Products Act*, is not required for *Bacillus amyloliquefaciens* strain PTA-4838.

## **Environmental Assessment**

The environmental toxicology database for AVEO EZ Nematicide is complete. The changes in the product guarantee of AVEO EZ Nematicide will not pose a risk of concern to the environment. Existing environmental precautions on the product label minimize exposure. No further mitigation measures are required.

## **Value Assessment**

The amendment to the product guarantee supports the revision of the application rate from 4.5 to 3.0 mL product/unit (standard bag) of 80,000 corn seeds or 140,000 soybean seeds.

## **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to amend the registration of AVEO EZ Nematicide.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
3141394	2020, VBC-90052: 5-Lot enumeration, DACO: M2.10.1, M2.9.1, M2.9.2

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