

## Evaluation Report for Category B, Subcategory 3.4, 3.12 Application

**Application Number:** 2017-7671  
**Application:** New Product Labels-New Site or Host, New Product Labels-Application Method  
**Product:** QuickBayt Spot Spray  
**Registration Number:** 33305  
**Active ingredients (a.i.):** Imidacloprid and (Z)-9-Tricosene (muscalure)  
**PMRA Document Number :** 2940510

### Purpose of Application

The purpose of this submission was to register a commercial class end-use product. QuickBayt Spot Spray is to be used as a bait to control house flies as a spray for treatment of surfaces and as a paint-on application on interior and exterior surfaces of agricultural livestock production facility structures.

### Chemistry Assessment

QuickBayt Spot Spray is formulated as a wettable granule containing imidacloprid at a nominal concentration of 10% and (Z)-9-Tricosene at a nominal concentration of 0.1%. This end-use product has a density of 0.69-0.74 g/cm<sup>3</sup> and pH of 4.5-6.5 (1%). The required chemistry data for QuickBayt Spot Spray have been provided, reviewed and found to be acceptable.

### Health Assessments

Quickbayt Spot Spray is considered to be of low toxicity via the oral, dermal, and inhalation routes, minimally irritating to the eyes, non-irritating to the skin, and is not considered a dermal sensitizer in guinea pigs.

The use pattern of QuickBayt Spot Spray is within the currently registered use-site category for both imidacloprid and muscalure, with the addition of outdoor uses and roller/paint-on applications. For muscalure, since no endpoints of toxicological concern have been selected, a qualitative risk assessment was conducted and there were no health risks of concern identified for workers. For imidacloprid, risk assessments on file are adequate to assess risk for the mixer/loader/applicator exposure scenario involving manually-pressurized handwand and for postapplication exposure scenario. A quantitative risk assessment was conducted for the new roller/paint-on exposure scenario. No health risks of concern are expected provided workers follow directions and wear personal protective equipment as stated on the label.

A food exposure assessment was not required for this application.

### Environmental Assessment

Environmental releases from the use of QuickBayt Spot Spray are expected to be minimal and not expected to pose risks of concern to the environment provided that label directions are followed.

### **Value Assessment**

Spray application of QuickBayt Spot Spray was supported based on the registered use pattern of a similar precedent product, and paint-on application was supported based on the submitted results of 10 operational trials conducted using that method. The paint-on option has value for application in situations where spray applications would be difficult, such as small/narrow surfaces.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided and is able to support the registration of the new end-use product, QuickBayt Spot Spray.

### **References**

<b>PMRA Document Number</b>	<b>Reference</b>
2831488	Assessment of Exposure and Risk Resulting From the Handling of QuickBayt® Spot Spray. November 27, 2017.
2831490	2005, BES0026 Fly Spot Bait (Imidacloprid WG 10), EPA Reg. No. 432-1455 Performance Data - The Efficacy of BES0026 Fly Spot Bait when applied as a paint-on; and efficacy against resistant flies, DACO: 10.6
2831491	2017, 10.6-QuickBayt Spot Spray- Rationale for paint-on use, DACO: 10.6

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