

## Evaluation Report for Category B, Subcategory 2.1, 2.3, 2.4, 2.5 Application

**Application Number:** 2015-1529  
**Application:** New EP Product Chemistry – Guarantee, Identify of Formulants, Proportion of Formulants and Formulation Type  
**Product:** Starbar Fly Trap Attractant  
**Registration Number:** 32124  
**Active ingredients (a.i.):** z-9-Tricosene  
**PMRA Document Number :** 2579737

### Purpose of Application

The purpose of this application was to register the end-use product Starbar Fly Trap Attractant containing the active ingredient z-9-Tricosene to attract house flies into traps.

### Chemistry Assessment

Starbar Fly Trap Attractant is formulated as wettable granules containing z-9-Tricosene at a nominal concentration of 1%. This end-use product has a density of 0.77 g/cm<sup>3</sup>. The required chemistry data for Starbar Fly Trap Attractant have been provided, reviewed and found to be acceptable.

### Health Assessments

A food residue assessment was not required for this application.

The applicant submitted an acute oral toxicity study (LD<sub>50</sub> > 5000 mg/kg bodyweight) and scientific waiver rationales for acute dermal toxicity, acute inhalation toxicity, primary eye irritation, primary skin irritation and dermal sensitization. The acute oral toxicity study and waiver rationales were found to be acceptable. The data and waiver rationales submitted by the applicant sufficiently complete the toxicology database for Starbar Fly Trap Attractant.

The use pattern will not result in an unacceptable risk due to exposure to applicators, handlers or bystanders from the end-use product (EP). The requirement of the applicator to use gloves or ensure that hands are washed is acceptable since the EP does not need to be removed from the water soluble pouches prior to use.

### Environmental Assessment

An environmental assessment was not required for this application.

### Value Assessment

Submitted data from eight field efficacy trials demonstrate that Starbar Fly Trap Attractant has value for attracting house flies into traps as part of a house fly control strategy. In addition, the wettable granule formulation packaged in water soluble pouches benefits users by providing ease of handling.

## Conclusion

The Pest Management Regulatory Agency has completed an assessment of the available information and is able to support the registration of Starbar Fly Trap Attractant.

## References

PMRA Document Number	References
2525578	2015, Additional Product Chemistry for Starbar Fly Trap Attractant, DACO: 3.1.1,3.1.2,3.1.3,3.1.4,3.5.4,3.5.5 CBI
2525579	2015, Additional Product Chemistry for Starbar Fly Trap Attractant, DACO: 3.1.1,3.1.2,3.1.3,3.1.4,3.5.4,3.5.5 CBI
2525580	2013, Product Chemistry of Indole, Trimethylamine, and Putrescent Egg Solids the Active Ingredients of RF2182 Dry Fly Attractant, DACO: 3.2.1 CBI
2525582	2013, Product Chemistry of RF2182 Dry Fly Attractant Enforcement Analytical Method, DACO: 3.4.1,3.4.2 CBI
2525584	2013, Product Chemistry of RF2182 Dry Fly Attractant, DACO: 3.2.1,3.2.2,3.2.3,3.3.1,3.5.1,3.5.10,3.5.11,3.5.12,3.5.13,3.5.14,3.5.15,3.5.2,3.5.3,3.5.6,3.5.7,3.5.8,3.5.9 CBI
2525586	2013, Density - Product Chemistry of RF2182 Dry Fly Attractant, DACO: 3.5.6 CBI
2559660	2014, Product Specification for [CBI removed], DACO: 3.2.1 CBI
2559661	2014, MSDS for [CBI removed], DACO: 3.2.1 CBI
2580890	2015, Storage Stability and Package Compatibility of 2182 Dry Fly Attractant, DACO: 3.5.10,3.5.14 CBI
2580891	2015, Chromatograms from Storage Stability and Package Compatibility of 2182 Dry Fly Attractant, DACO: 3.5.10,3.5.14 CBI
2525587	2014, Acute Oral Toxicity Up and Down Procedure in Rats, Product Safety Labs, Laboratory report number 37618. Study report date: 19 February 2014, DACO: 4.2.1.
2525588	2013, Toxicology of RF2182 Dry Fly Attractant Request for Waivers of Specific Data Requirements, DACO: 4.6.1, 4.6.2, 4.6.3, 4.6.4, 4.6.5, 4.6.6.
2525590	2015, Use Description/Scenario (Application and Post Application) for Starbar (RF2182) Fly Trap Attractant, DACO: 5.2
2525568	2015, Value Summary for Starbar (RF2182) Fly Trap Attractant, DACO: 10.1,10.2.1,10.2.2,10.2.3.1,10.2.3.2(C),10.3.1,10.4,10.5,10.5.1,10.5.2,10.5.3,10.5.4,10.5.5
2525569	2015, Excel Summary Tables for Value Summary for Starbar (RF2182) Fly Trap Attractant, DACO: 10.2.3.1
2525570	2013, Product Performance Field Efficacy of RF2182 in Fly Relief Traps, DACO:

- 10.2.3.4(D)
- 2525571 2013, Product Performance Field Efficacy of RF2182 in Trap N Toss Traps, DACO: 10.2.3.4(D)
- 2525572 2013, Product Performance Field Efficacy of RF2182 in Fly Terminator Pro Traps, DACO: 10.2.3.4(D)
- 2525573 2013, Product Performance Field Efficacy of RF2182 in Captivator Traps, DACO: 10.2.3.4(D)
- 2525574 2015, Pair-wise comparison of heat-aged prototype Fly Relief Traps containing dry attractant vs. current market product in a field-use situation, DACO: 10.2.3.4(D)
- 2525575 2015, Field efficacy confirmation of dry attractant vs. market gel attractant in Fly Terminator traps, DACO: 10.2.3.4(D)
- 2525576 2015, Field efficacy confirmation of dry attractant vs. market attractant in Captivator traps, DACO: 10.2.3.4(D)
- 2525577 2015, Pair-wise field comparison of Trap N Toss traps baited with 15g Dry Fly Attractant RF2182b vs. market attractant, DACO: 10.2.3.4(D)
- 2559656 2015, Response to Clarifications for Starbar Fly Trap Attractant, Submission number 2015-1529, DACO: 1.1.1,3.5.10,3.5.14 CBI

ISSN: 1911-8082

**8 Her Majesty the Queen in Right of Canada, represented by the Minister of Public Works and Government Services Canada 2016**

All rights reserved. No part of this information (publication or product) may be reproduced or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise, or stored in a retrieval system, without prior written permission of the Minister of Public Works and Government Services Canada, Ottawa, Ontario K1A 0S5.