



## **ADVICE SUMMARY**

### **APPLICATION FOR REGISTRATION OF A CHEMICAL PRODUCT**

**Product name:** SUREFIRE FIPRONIL GRANULAR ANT KILLER  
**Applicant:** PCT HOLDINGS PTY LTD  
**Product number:** 70230  
**Application number:** 62787

**Purpose of Application and Description of Use:** Registration of a 0.25 g/kg Fipronil, granule product for the treatment of ant infestations in turf and around domestic, commercial and public service buildings.

**Active Constituent(s):** FIPRONIL

#### **Regulatory Decision:**

To grant the application subject to the following conditions:

#### **Standard Conditions of Registration/Approval**

1. Containers must meet AgVet Code Regulation 18
2. Agricultural products must meet Active Constituents Quality Assurance Requirements
3. Label must contain a Date of Manufacture and Batch Number

For full conditions, refer to Standard Conditions for Applications on the APVMA website.

## ADVICE

### State/External Efficacy Reviewer

The applicant provided data from three studies to demonstrate the efficacy and safety of the product to crops. One study demonstrated the efficacy of the proposed product as compared to a registered standard against funnel ants (*Aphaenogaster longiceps*) in turf and demonstrated the proposed product's safety for use in turf. A second study assessed efficacy against Argentine ants (*Linepithema humile*) and black house ants (*Ochetellus glaber*), compared to both bifenthrin and fipronil industry standards. The final study tested the safety of the proposed product to a range of common turf species (bentgrass, kikuyu and blue couch) at up to two times the label rates.

The trial data supported the label claims in regards to efficacy against funnel ants in turf situations and nuisance ants in external surrounds of buildings and structures. It also demonstrated that the product is not harmful to turf when used at the maximum proposed rate.

The APVMA is satisfied that when used according to label instructions, the proposed product is efficacious.

### Data relied on to provide the advice

Data No	Data Source*	Author(s)	Title	Date	Data Type	Data Sub-type	Authorising Party	Inherited Application No.
88852	S	Don Ewart	Comparisons between registered Bifenthrin spray, sand and candidate Fipronil bait, spray and sand for the control of household ants.	September 2013	Efficacy and safety	Efficacy	Applicant	
88853	S	M Sumner	Comparison of Gemax fipronil sand granule with SAS PRO Professional Granule Ant Killer for the Control of funnel ants ( <i>Aphaenogaster longiceps</i> ) in turfgrass cv. blue couch ( <i>Digitaria didactyla</i> ) Zillmere, Queensland, 2013	14 June 2013	Efficacy and safety	Efficacy	Applicant	
88854	S	M Sumner	Evaluation of Gemax fipronil sand granule (0.2 g/kg) for safety to bentgrass ( <i>Agrostis palustris</i> ) cv. 1020 and kikuyu ( <i>Pennisetum clandestinum</i> ) turf. Guildford, Western Australia, 2013	14 June 2013	Efficacy and safety	Efficacy	Applicant	

## Other Details about the APVMA's Decision to Grant the Application

Chemistry and Manufacture data

### Data relied on

Data No	Data Source*	Author(s)	Title	Date	Data Type	Data Sub-type	Authorising Party	Inherited Application No.
88850	S	Dr Suresh Nair	Fipronil 0.25 g/kg Stability Report	22 March 2013	Chemistry and manufacture	Product, Stability	Applicant	
88851	S	Anon	Analytical Method for Fipronil 0.25g/kg	14 March 2013	Chemistry and manufacture	Product, Analytical Methods	Applicant	

\* S = Data submitted with the application

I = Data inherited (that is, referenced) from another application