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**Gazette**

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**AGRICULTURAL AND  
VETERINARY CHEMICALS**



**Australian Government**  
**Australian Pesticides and  
Veterinary Medicines Authority**

The *Agricultural and Veterinary Chemical Code Act 1994* (the Act) commenced on 15 March 1995. The Agricultural and Veterinary Chemicals Code (the Agvet Code) scheduled to the Act requires notices to be published in the *Gazette* containing details of the registration of agricultural and veterinary chemical products and other approvals granted by the Australian Pesticides and Veterinary Medicines Authority. The Agvet Code and related legislation also requires certain other notices to be published in the *Gazette*. A reference to Agvet Codes in this publication is a reference to the Agvet Code in each state and territory jurisdiction.

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Director, Public Affairs and Communications  
Australian Pesticides and Veterinary Medicines Authority  
PO Box 6182  
Kingston ACT 2604

Email: [communications@apvma.gov.au](mailto:communications@apvma.gov.au)

Website: [www.apvma.gov.au](http://www.apvma.gov.au).

## GENERAL INFORMATION

The *APVMA (Australian Pesticides and Veterinary Medicines Authority) Gazette* is published fortnightly and contains details of the registration of agricultural and veterinary chemicals products and other approvals granted by the APVMA, notices as required by the Agricultural and Veterinary Chemicals Code (the Agvet Code) and related legislation and a range of regulatory material issued by the APVMA.

Pursuant to section 8J(1) of the Agvet Code, the APVMA has decided that it is unnecessary to publish details of applications made for the purpose of notifying minor variations to registration details. The APVMA will however report notifications activity in quarterly statistical reports.

## DISTRIBUTION AND SUBSCRIPTION

The *APVMA Gazette* is published in electronic format only and is available from the APVMA website,

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## APVMA CONTACTS

For enquiries regarding the publishing and distribution of the *APVMA Gazette*: Telephone: +61 2 6210 4988

For enquiries on the *APVMA Gazette* content, please refer to the individual APVMA contacts listed under each notice.

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## Agricultural Chemical Products and Approved Labels

Pursuant to the Agricultural and Veterinary Chemicals Code scheduled to the *Agricultural and Veterinary Chemicals Code Act 1994*, the APVMA hereby gives notice that it has registered or varied the relevant particulars or conditions of the registration in respect of the following products and has approved the label or varied the relevant particulars or conditions of the approval in respect of the containers for the chemical product, with effect from the dates shown.

### 1. AGRICULTURAL PRODUCTS BASED ON NEW ACTIVE CONSTITUENTS

<b>Application no.:</b>	48927
<b>Product name:</b>	Specticle Herbicide
<b>Active constituent/s:</b>	200 g/L indaziflam
<b>Applicant name:</b>	Bayer CropScience Pty Ltd
<b>Applicant ACN:</b>	000 226 022
<b>Summary of use</b>	For the pre-emergent control of summer grass, crowsfoot grass and winter grass in turf on golf course fairways
<b>Date of registration/approval:</b>	2 March 2016
<b>Product registration no.:</b>	64673
<b>Label approval no.:</b>	64673/48927

### 2. AGRICULTURAL PRODUCTS BASED ON EXISTING ACTIVE CONSTITUENTS

<b>Application no.:</b>	60431
<b>Product name:</b>	Family Protection Aerogard Extreme Protection 40% Deet 8 Hours Protection Effective In Areas Of Intense Insect Activity Insect Repellent
<b>Active constituent/s:</b>	40 g/kg n-octyl bicycloheptene dicarboximide, 400 g/kg diethyltoluamide
<b>Applicant name:</b>	Reckitt Benckiser (Australia) Pty Limited
<b>Applicant ACN:</b>	003 274 655
<b>Summary of use</b>	For use as a personal insect repellent
<b>Date of registration/approval:</b>	29 February 2016
<b>Product registration no.:</b>	69293
<b>Label approval no.:</b>	69293/60431

<b>Application no.:</b>	101357
<b>Product name:</b>	Storm Soft Bait Rodenticide
<b>Active constituent/s:</b>	0.05 g/kg flocoumafen
<b>Applicant name:</b>	BASF Australia Ltd
<b>Applicant ACN:</b>	008 437 867
<b>Summary of use</b>	For the control of rats and mice in and around industrial, commercial, agricultural and domestic buildings, also controls rats and mice resistant to warfarin
<b>Date of registration/approval:</b>	1 March 2016
<b>Product registration no.:</b>	80663
<b>Label approval no.:</b>	80663/101357

<b>Application no.:</b>	103647
<b>Product name:</b>	Eureka! Glyphosate 540 SL Herbicide
<b>Active constituent/s:</b>	540 g/L glyphosate present as the potassium salt
<b>Applicant name:</b>	Eureka! Agresearch Pty Ltd
<b>Applicant ACN:</b>	086 194 738
<b>Summary of use</b>	For the non-selective control of many annual and perennial weeds
<b>Date of registration/approval:</b>	2 March 2016
<b>Product registration no.:</b>	81684
<b>Label approval no.:</b>	81684/103647

<b>Application no.:</b>	102487
<b>Product name:</b>	I-MOX 700 WG Herbicide
<b>Active constituent/s:</b>	700 g/kg imazamox
<b>Applicant name:</b>	Shandong Rainbow International Co., Ltd
<b>Applicant ACN:</b>	N/A
<b>Summary of use</b>	For the post-emergence control of certain annual grass and broadleaf weeds in field peas, legume-based pastures, lucerne, peanuts and soybeans
<b>Date of registration/approval:</b>	2 March 2016
<b>Product registration no.:</b>	81174
<b>Label approval no.:</b>	81174/102487
<b>Application no.:</b>	104862
<b>Product name:</b>	Relyon Garner 750WG Herbicide
<b>Active constituent/s:</b>	750 g/kg chlorsulfuron
<b>Applicant name:</b>	Ruralco Holdings Limited
<b>Applicant ACN:</b>	009 660 879
<b>Summary of use</b>	For the control of annual ryegrass and certain broadleaf weeds in wheat, barley, oats, cereal rye and tritiale
<b>Date of registration/approval:</b>	2 March 2016
<b>Product registration no.:</b>	82041
<b>Label approval no.:</b>	82041/104862
<b>Application no.:</b>	62951
<b>Product name:</b>	Peroxpure395 Chlorine Free Pool Sanitiser
<b>Active constituent/s:</b>	395 g/L hydrogen peroxide
<b>Applicant name:</b>	Waterco Limited
<b>Applicant ACN:</b>	002 070 733
<b>Summary of use</b>	For control of bacteria in private (domestic) spas and pools
<b>Date of registration/approval:</b>	3 March 2016
<b>Product registration no.:</b>	69474
<b>Label approval no.:</b>	69474/62951
<b>Application no.:</b>	101690
<b>Product name:</b>	Biforce Low-Odour 200EC Insecticide
<b>Active constituent/s:</b>	200 g/L bifenthrin
<b>Applicant name:</b>	Sherwood Chemicals Public Company Limited
<b>Applicant ACN:</b>	N/A
<b>Summary of use</b>	For the control of a range of urban pests
<b>Date of registration/approval:</b>	3 March 2016
<b>Product registration no.:</b>	80803
<b>Label approval no.:</b>	80803/101690
<b>Application no.:</b>	104140
<b>Product name:</b>	Relyon Insight 750 SG Herbicide
<b>Active constituent/s:</b>	750 g/kg clopyralid present as the potassium salt
<b>Applicant name:</b>	Ruralco Holdings Limited
<b>Applicant ACN:</b>	009 660 879
<b>Summary of use</b>	For the control of a wide range of broadleaf weeds in wheat, barley, oats, tritiale, canola, pastures and fallow land
<b>Date of registration/approval:</b>	3 March 2016
<b>Product registration no.:</b>	81837
<b>Label approval no.:</b>	81837/104140

<b>Application no.:</b>	102857
<b>Product name:</b>	Eurochem 6-BA Plant Growth Regulator
<b>Active constituent/s:</b>	20 g/L 6-benzyladenine
<b>Applicant name:</b>	Ronic International Pty Limited
<b>Applicant ACN:</b>	101 193 131
<b>Summary of use</b>	For the use of reducing fruit set, increasing fruit size and improving firmness of harvested apples
<b>Date of registration/approval:</b>	4 March 2016
<b>Product registration no.:</b>	81342
<b>Label approval no.:</b>	81342/102857
<b>Application no.:</b>	104834
<b>Product name:</b>	Tapout 240 Herbicide
<b>Active constituent/s:</b>	240 g/L clethodim
<b>Applicant name:</b>	Crop Culture Pty Ltd
<b>Applicant ACN:</b>	142 860 473
<b>Summary of use</b>	For the control of certain grass weeds in beetroot, cabbage, canola, celery, chickpeas, cotton, faba beans, field peas, forestry, lentils, lettuce, lupins, lettuce, mung beans, non-bearing fruit trees, onions, ornamentals, peanuts, potatoes and soybeans
<b>Date of registration/approval:</b>	4 March 2016
<b>Product registration no.:</b>	82035
<b>Label approval no.:</b>	82035/104834
<b>Application no.:</b>	104051
<b>Product name:</b>	Relyon Triflon 480EC Herbicide
<b>Active constituent/s:</b>	480 g/L trifluralin
<b>Applicant name:</b>	Ruralco Holdings Limited
<b>Applicant ACN:</b>	009 660 879
<b>Summary of use</b>	For the control of annual grasses and certain broadleaf weeds in certain horticultural agricultural crops
<b>Date of registration/approval:</b>	7 March 2016
<b>Product registration no.:</b>	81784
<b>Label approval no.:</b>	81784/104051
<b>Application no.:</b>	104451
<b>Product name:</b>	Weed Force Evict 450 Herbicide
<b>Active constituent/s:</b>	450 g/L glyphosate present as the isopropylamine salt
<b>Applicant name:</b>	Weed Force Pty Ltd
<b>Applicant ACN:</b>	602 207 152
<b>Summary of use</b>	For the control of a wide range of annual and perennial weeds
<b>Date of registration/approval:</b>	7 March 2016
<b>Product registration no.:</b>	81935
<b>Label approval no.:</b>	81935/104451
<b>Application no.:</b>	104990
<b>Product name:</b>	O-MAT 290 SL Insecticide
<b>Active constituent/s:</b>	290 g/L omethoate (an anticholinesterase compound)
<b>Applicant name:</b>	Arysta Lifescience Australia Pty Ltd
<b>Applicant ACN:</b>	005 225 507
<b>Summary of use</b>	For the control of redlegged earth mite, blue oat mite and lucerne flea on pastures, cereals, oilseed and legume crops, and bluegreen aphid and cowpea aphid on pasture legumes, lucerne, faba beans and vetch
<b>Date of registration/approval:</b>	7 March 2016
<b>Product registration no.:</b>	82095
<b>Label approval no.:</b>	82095/104990

<b>Application no.:</b>	104867
<b>Product name:</b>	Propeller 250 Fungicide
<b>Active constituent/s:</b>	250 g/L propiconazole
<b>Applicant name:</b>	Crop Culture Pty Ltd
<b>Applicant ACN:</b>	142 860 473
<b>Summary of use</b>	For the control of certain fungal diseases of bananas, oats, peanuts, perennial ryegrass, pineapples, stone fruit, sugarcane, wheat and other crops. For the control of dollar spot in bent and Queensland blue couch and spring dead spot in couch
<b>Date of registration/approval:</b>	8 March 2016
<b>Product registration no.:</b>	82044
<b>Label approval no.:</b>	82044/104867
<b>Application no.:</b>	104887
<b>Product name:</b>	Kelpie DFF + Brom MX Herbicide
<b>Active constituent/s:</b>	250 g/L bromoxynil present as the octanoate, 25 g/L diflufenican
<b>Applicant name:</b>	Sinochem International Australia Pty Ltd
<b>Applicant ACN:</b>	160 164 616
<b>Summary of use</b>	For the control of certain broadleaf weeds in winter cereals and pastures
<b>Date of registration/approval:</b>	8 March 2016
<b>Product registration no.:</b>	82057
<b>Label approval no.:</b>	82057/104887
<b>Application no.:</b>	104830
<b>Product name:</b>	Tebby 430 Fungicide
<b>Active constituent/s:</b>	430 g/L tebuconazole
<b>Applicant name:</b>	Crop Culture Pty Ltd
<b>Applicant ACN:</b>	142 860 473
<b>Summary of use</b>	For the control of leaf spot and leaf speckle on bananas; rust, leaf spot and net blotch of peanuts; foliar diseases on cereal crops; and other diseases on beans, lettuce, peas, onions, pawpaw, pyrethrum and ryegrass and fescue seed crops
<b>Date of registration/approval:</b>	8 March 2016
<b>Product registration no.:</b>	82030
<b>Label approval no.:</b>	82030/104830
<b>Application no.:</b>	63370
<b>Product name:</b>	eChem Clopyralid 300 Herbicide
<b>Active constituent/s:</b>	300 g/L clopyralid present as the triisopropanolamine salt
<b>Applicant name:</b>	eChem (Aust) Pty Limited
<b>Applicant ACN:</b>	089 133 095
<b>Summary of use</b>	For the control of a wide range of broadleaf weeds in wheat, barley, triticale, oats, pastures, canola, fallow land, forests and industrial situations
<b>Date of registration/approval:</b>	8 March 2016
<b>Product registration no.:</b>	70397
<b>Label approval no.:</b>	70397/63370
<b>Application no.:</b>	104890
<b>Product name:</b>	Kelpie DFF + MCPA MX Herbicide
<b>Active constituent/s:</b>	250 g/L MCPA present as the ethyl hexyl ester, 25 g/L diflufenican
<b>Applicant name:</b>	Sinochem International Australia Pty Ltd
<b>Applicant ACN:</b>	160 164 616
<b>Summary of use</b>	For the control of certain broadleaf weeds in winter cereals and clover
<b>Date of registration/approval:</b>	9 March 2016
<b>Product registration no.:</b>	82058
<b>Label approval no.:</b>	82058/104890

<b>Application no.:</b>	104411
<b>Product name:</b>	Apparent Fluroxypyr 400 Herbicide
<b>Active constituent/s:</b>	400 g/L fluroxypyr present as the methyl heptyl ester
<b>Applicant name:</b>	Apparent Pty. Ltd
<b>Applicant ACN:</b>	143 724 136
<b>Summary of use</b>	For the control of a wide range of broadleaf weeds in fallow, lucerne, maize, millets, pastures, poppies, sorghum, sugarcane, sweet corn and winter cereals. Also for the control of woody weeds in agricultural non-crop areas, commercial and industrial areas, forests, pastures and rights-of-way
<b>Date of registration/approval:</b>	9 March 2016
<b>Product registration no.:</b>	81917
<b>Label approval no.:</b>	81917/104411
<b>Application no.:</b>	104065
<b>Product name:</b>	Relyon Oxon 240EC Herbicide
<b>Active constituent/s:</b>	240 g/L oxyfluorfen
<b>Applicant name:</b>	Ruralco Holdings Limited
<b>Applicant ACN:</b>	009 660 879
<b>Summary of use</b>	For the selective control of certain broadleaf and grass weeds
<b>Date of registration/approval:</b>	9 March 2016
<b>Product registration no.:</b>	81796
<b>Label approval no.:</b>	81796/104065
<b>Application no.:</b>	104774
<b>Product name:</b>	AC Capsize 500 SC Fungicide
<b>Active constituent/s:</b>	500 g/L chlorothalonil
<b>Applicant name:</b>	Axichem Pty Ltd
<b>Applicant ACN:</b>	131 628 594
<b>Summary of use</b>	For the control of fungal diseases on almonds, apricots, bananas, carrots, celery, cherries, faba beans, grapes, onions, peaches, peanuts, peas, plums, potatoes, tomatoes and vegetables
<b>Date of registration/approval:</b>	9 March 2016
<b>Product registration no.:</b>	81995
<b>Label approval no.:</b>	81995/104774
<b>Application no.:</b>	104457
<b>Product name:</b>	Relyon Rialto 750WG Herbicide
<b>Active constituent/s:</b>	750 g/kg triasulfuron
<b>Applicant name:</b>	Ruralco Holdings Limited
<b>Applicant ACN:</b>	009 660 879
<b>Summary of use</b>	For pre-plant control of annual ryegrass, paradoxa grass and certain broadleaf weeds in wheat and for post-emergent control of wild radish in wheat, oats and barley
<b>Date of registration/approval:</b>	9 March 2016
<b>Product registration no.:</b>	81938
<b>Label approval no.:</b>	81938/104457
<b>Application no.:</b>	104510
<b>Product name:</b>	AC Rampant Selective Herbicide
<b>Active constituent/s:</b>	475 g/L 2,4-D present as the dimethylamine + diethanolamine salts
<b>Applicant name:</b>	Axichem Pty Ltd
<b>Applicant ACN:</b>	131 628 594
<b>Summary of use</b>	For the control of broadleaf weeds prior to sowing crops and pastures in conservation tillage situations and for selective weed control in crops
<b>Date of registration/approval:</b>	10 March 2016
<b>Product registration no.:</b>	81968
<b>Label approval no.:</b>	81968/104510



<b>Application no.:</b>	104347
<b>Product name:</b>	OzCrop Isoxaflutole 750 WG Herbicide
<b>Active constituent/s:</b>	750 g/kg isoxaflutole
<b>Applicant name:</b>	OzCrop Pty. Ltd
<b>Applicant ACN:</b>	160 656 431
<b>Summary of use</b>	For the control and suppression of various broadleaf weeds and grasses in sugarcane and chickpeas
<b>Date of registration/approval:</b>	10 March 2016
<b>Product registration no.:</b>	81887
<b>Label approval no.:</b>	81887/104347
<b>Application no.:</b>	104037
<b>Product name:</b>	Ronaldo 240 Herbicide
<b>Active constituent/s:</b>	240 g/L oxyfluorfen
<b>Applicant name:</b>	Crop Culture Pty Ltd
<b>Applicant ACN:</b>	142 860 473
<b>Summary of use</b>	For the selective control of certain broadleaf and grass weeds
<b>Date of registration/approval:</b>	11 March 2016
<b>Product registration no.:</b>	81777
<b>Label approval no.:</b>	81777/104037
<b>Application no.:</b>	101091
<b>Product name:</b>	Propermide 900 WG Herbicide
<b>Active constituent/s:</b>	900 g/kg propyzamide
<b>Applicant name:</b>	Agro-Alliance (Australia) Pty Ltd
<b>Applicant ACN:</b>	130 864 603
<b>Summary of use</b>	For the selective control of certain grasses and broad leaf weeds in lettuce, sports turf, home lawns and legume seed crops and pastures
<b>Date of registration/approval:</b>	11 March 2016
<b>Product registration no.:</b>	80551
<b>Label approval no.:</b>	80551/101091
<b>Application no.:</b>	104831
<b>Product name:</b>	Mongrel 750 Herbicide
<b>Active constituent/s:</b>	750 g/kg clopyralid present as the potassium salt
<b>Applicant name:</b>	Crop Culture Pty Ltd
<b>Applicant ACN:</b>	142 860 473
<b>Summary of use</b>	For the control of a wide range of broadleaf weeds in wheat, barley, oats, triticale, canola, pastures and fallow land
<b>Date of registration/approval:</b>	11 March 2016
<b>Product registration no.:</b>	82031
<b>Label approval no.:</b>	82031/104831
<b>Application no.:</b>	104923
<b>Product name:</b>	Relyon Zulfa 800wg Fungicide
<b>Active constituent/s:</b>	800 g/kg sulfur (S) present as elemental sulfur
<b>Applicant name:</b>	Ruralco Holdings Limited
<b>Applicant ACN:</b>	009 660 879
<b>Summary of use</b>	For the control of powdery mildew, rust and mites in pome and stone fruit, citrus, grapevines, kiwifruit, strawberries and some vegetables
<b>Date of registration/approval:</b>	11 March 2016
<b>Product registration no.:</b>	82072
<b>Label approval no.:</b>	82072/104923

<b>Application no.:</b>	104067
<b>Product name:</b>	Relyon Triamate 500EC Herbicide
<b>Active constituent/s:</b>	500 g/L tri-alleate
<b>Applicant name:</b>	Ruralco Holdings Limited
<b>Applicant ACN:</b>	009 660 879
<b>Summary of use</b>	For the control of wild oats in wheat, triticale, chickpeas, barley, peas, linseed, lupins, canola (rapeseed), faba beans and safflower
<b>Date of registration/approval:</b>	15 March 2016
<b>Product registration no.:</b>	81798
<b>Label approval no.:</b>	81798/104067

<b>Application no.:</b>	104874
<b>Product name:</b>	Agro-Essence Sulfosulfuron 750WG Herbicide
<b>Active constituent/s:</b>	750 g/kg sulfosulfuron
<b>Applicant name:</b>	Agro-Alliance (Australia) Pty Ltd
<b>Applicant ACN:</b>	130 864 603
<b>Summary of use</b>	For the control of certain weeds in wheat and triticale
<b>Date of registration/approval:</b>	15 March 2016
<b>Product registration no.:</b>	82051
<b>Label approval no.:</b>	82051/104874

### 3. VARIATIONS OF REGISTRATION

<b>Application no.:</b>	105555
<b>Product name:</b>	Unistar Selective Herbicide
<b>Active constituent/s:</b>	750 g/kg triasulfuron
<b>Applicant name:</b>	UPL Australia Limited
<b>Applicant ACN:</b>	066 391 384
<b>Summary of variation:</b>	To change the distinguishing product name and the name that appears on the label from 'UNI-STAR SELECTIVE HERBICIDE' to 'UNISTAR SELECTIVE HERBICIDE'
<b>Date of variation:</b>	2 February 2016
<b>Product no.:</b>	62782
<b>Label approval no.:</b>	62782/105555

<b>Application no.:</b>	105551
<b>Product name:</b>	Nemasol
<b>Active constituent/s:</b>	423 g/L metham present as sodium salt
<b>Applicant name:</b>	Eastman Chemical Australia Pty Ltd
<b>Applicant ACN:</b>	077 977 649
<b>Summary of variation:</b>	To change the name that appears on the label from 'TAMINCO METHAM SODIUM 510 SOIL FUMIGANT' to 'NEMASOL'
<b>Date of variation:</b>	3 February 2016
<b>Product registration no.:</b>	67922
<b>Label approval no.:</b>	67922/105551

<b>Application no.:</b>	105582
<b>Product name:</b>	Apparent Weedfree RTU Herbicide
<b>Active constituent/s:</b>	7.2 g/L glyphosate present as the isopropylamine salt
<b>Applicant name:</b>	Apparent Pty. Ltd
<b>Applicant ACN:</b>	143 724 136
<b>Summary of variation:</b>	To change the distinguishing product name and the name that appears on the label from 'APPARENT KNOCK-OUT RTU HERBICIDE' to 'APPARENT WEEDFREE RTU HERBICIDE'
<b>Date of variation:</b>	5 February 2016
<b>Product no.:</b>	80396
<b>Label approval no.:</b>	80396/105582
<b>Application no:</b>	105682
<b>Product name:</b>	Relyon Oxon 240 Herbicide
<b>Active constituent/s:</b>	240 g/L oxyfluorfen
<b>Applicant name:</b>	Profeng Australia Pty Ltd
<b>Applicant ACN:</b>	156 055 533
<b>Summary of variation:</b>	To change the distinguishing product name and the name that appears on the label from 'YGEL OXYFLUORFEN HERBICIDE' to 'RELYON OXON 240 HERBICIDE'
<b>Date of variation:</b>	16 February 2016
<b>Product registration no.:</b>	64219
<b>Label approval no.:</b>	64219/105682
<b>Application no:</b>	101154
<b>Product name:</b>	Fipforce Aqua Termiticide & Insecticide
<b>Active constituent/s:</b>	100 g/L fipronil
<b>Applicant name:</b>	Sherwood Chemicals Public Company Limited
<b>Applicant ACN:</b>	N/A
<b>Summary of variation:</b>	To extend the use of the product to include pre-construction, reticulation systems, nests in poles and trees and wall cavity treatment
<b>Date of variation:</b>	2 March 2016
<b>Product registration no.:</b>	63789
<b>Label approval no.:</b>	63789/101154
<b>Application no:</b>	101039
<b>Product name:</b>	Custodia Fungicide
<b>Active constituent/s:</b>	200 g/L tebuconazole, 120 g/L azoxystrobin
<b>Applicant name:</b>	Adama Australia Pty Limited
<b>Applicant ACN:</b>	050 328 973
<b>Summary of variation:</b>	For the extension of use to include control of rust, shot hole and brown rot of almonds and to vary the current use pattern for control of <i>septoria tritici</i> blotch (STB) in wheat
<b>Date of variation:</b>	3 March 2016
<b>Product registration no.:</b>	66541
<b>Label approval no.:</b>	66541/101039
<b>Application no:</b>	104924
<b>Product name:</b>	Black Flag Odourless Fly & Mosquito Killer
<b>Active constituent/s:</b>	1.1 g/kg esbiothrin, 0.5 g/kg permethrin
<b>Applicant name:</b>	Reckitt Benckiser (Australia) Pty Limited
<b>Applicant ACN:</b>	003 274 655
<b>Summary of variation:</b>	To add additional pack sizes
<b>Date of variation:</b>	3 March 2016
<b>Product registration no.:</b>	67835
<b>Label approval no.:</b>	67835/104924

<b>Application no:</b>	104946
<b>Product name:</b>	Monaco Herbicide
<b>Active constituent/s:</b>	750 g/kg sulfosulfuron
<b>Applicant name:</b>	Crop Culture Pty Ltd
<b>Applicant ACN:</b>	142 860 473
<b>Summary of variation:</b>	To alter the approved pack size
<b>Date of variation:</b>	9 March 2016
<b>Product registration no.:</b>	68230
<b>Label approval no.:</b>	68230/104946
<b>Application no:</b>	104897
<b>Product name:</b>	Tri-Form 35 Soil Fumigant
<b>Active constituent/s:</b>	630 g/kg (844 g/L) 1,3-dichloropropene, 345 g/kg (465 g/L) chloropicrin
<b>Applicant name:</b>	Trical Australia Pty Ltd
<b>Applicant ACN:</b>	600 066 966
<b>Summary of variation:</b>	To amend the pack size
<b>Date of variation:</b>	09 March 2016
<b>Product registration no.:</b>	64245
<b>Label approval no.:</b>	64245/104897
<b>Application no:</b>	100190
<b>Product name:</b>	Yates Confidor Lawn & Garden Insecticide
<b>Active constituent/s:</b>	15 g/L imidacloprid
<b>Applicant name:</b>	Bayer Cropscience Pty Ltd
<b>Applicant ACN:</b>	000 226 022
<b>Summary of variation:</b>	To add pack sizes and extend uses
<b>Date of variation:</b>	10 March 2016
<b>Product registration no.:</b>	60571
<b>Label approval no.:</b>	60571/100190
<b>Application no:</b>	104776
<b>Product name:</b>	Yates Lawnweedkiller Bindii & Clover Concentrate
<b>Active constituent/s:</b>	25 g/L dicamba present as the dimethylamine salt, 150 g/L MCPA present as the dimethylamine salt
<b>Applicant name:</b>	Duluxgroup (Australia) Pty Ltd
<b>Applicant ACN:</b>	000 049 427
<b>Summary of variation:</b>	To change the distinguishing product name and the name that appears on the label from 'YATES BINDII & CLOVER WEEDER' to 'YATES LAWNWEEDKILLER BINDII & CLOVER CONCENTRATE' and to add a range of pack sizes
<b>Date of variation:</b>	10 March 2016
<b>Product registration no.:</b>	58022
<b>Label approval no.:</b>	58022/104776
<b>Application no:</b>	104898
<b>Product name:</b>	Tri-Form Soil Fumigant
<b>Active constituent/s:</b>	970 g/kg (1174 g/L) 1,3-dichloropropene
<b>Applicant name:</b>	Trical Australia Pty Ltd
<b>Applicant ACN:</b>	600 066 966
<b>Summary of variation:</b>	To amend the pack sizes
<b>Date of variation:</b>	10 March 2016
<b>Product registration no.:</b>	64246
<b>Label approval no.:</b>	64246/104898

<b>Application no:</b>	104757
<b>Product name:</b>	Ceasefire 2G Granular Insecticide
<b>Active constituent/s:</b>	2 g/kg bifenthrin
<b>Applicant name:</b>	Turf Culture Pty Ltd
<b>Applicant ACN:</b>	117 986 615
<b>Summary of variation:</b>	To change the distinguishing product name and the name that appears on the label from 'TURF CULTURE CEASEFIRE 2G GRANULAR INSECTICIDE' to 'CEASEFIRE 2G GRANULAR INSECTICIDE'
<b>Date of variation:</b>	11 March 2016
<b>Product registration no.:</b>	61005
<b>Label approval no.:</b>	61005/104757
<b>Application no:</b>	104761
<b>Product name:</b>	Trinex 120 ME Growth Regulator
<b>Active constituent/s:</b>	120 g/L trinexapac-ethyl
<b>Applicant name:</b>	Turf Culture Pty Ltd
<b>Applicant ACN:</b>	117 986 615
<b>Summary of variation:</b>	To change the distinguishing product name and the name that appears on the label from 'TURF CULTURE TRINEX 120 ME GROWTH REGULATOR' to 'TRINEX 120 ME GROWTH REGULATOR'
<b>Date of variation:</b>	11 March 2016
<b>Product registration no.:</b>	64368
<b>Label approval no.:</b>	64368/104761
<b>Application no:</b>	104931
<b>Product name:</b>	Pea Beu Insect Killer Fast Kill Low Irritant Odourless
<b>Active constituent/s:</b>	1.08 g/kg tetramethrin, 0.25 g/kg d-phenothrin, 2.17 g/kg piperonyl butoxide, 3.18 g/kg n-octyl bicycloheptene dicarboximide
<b>Applicant name:</b>	Reckitt Benckiser (Australia) Pty Limited
<b>Applicant ACN:</b>	003 274 655
<b>Summary of variation:</b>	To add additional pack sizes
<b>Date of variation:</b>	15 March 2016
<b>Product registration no.:</b>	67874
<b>Label approval no.:</b>	67874/104931
<b>Application no:</b>	104930
<b>Product name:</b>	Pea Beu Insect Killer Fast Kill Low Irritant Lemon Fresh
<b>Active constituent/s:</b>	1.08 g/kg tetramethrin 20:80, 0.25 g/kg phenothrin 20:80, 2.17 g/kg piperonyl butoxide, 3.18 g/kg n-octyl bicycloheptene dicarboximide
<b>Applicant name:</b>	Reckitt Benckiser (Australia) Pty Limited
<b>Applicant ACN:</b>	003 274 655
<b>Summary of variation:</b>	To add additional pack sizes
<b>Date of variation:</b>	15 March 2016
<b>Product registration no.:</b>	53238
<b>Label approval no.:</b>	53238/104930

## Veterinary Chemical Products and Approved Labels

Pursuant to the Agricultural and Veterinary Chemicals Code scheduled to the *Agricultural and Veterinary Chemicals Code Act 1994*, the APVMA hereby gives notice that it has registered or varied the relevant particulars or conditions of the registration in respect of the following products and has approved the label or varied the relevant particulars or conditions of the approval in respect of the containers for the chemical product, with effect from the dates shown.

### 1. VARIATIONS OF REGISTRATION

<b>Application no:</b>	105546
<b>Product name:</b>	Troy Entera Allwormer Tablets For Small Dogs
<b>Active constituent/s:</b>	Each tablet contains: 75 mg febantel, 15 mg praziquantel, 14.9 mg pyrantel as the embonate
<b>Applicant name:</b>	Troy Laboratories Pty Ltd
<b>Applicant ACN:</b>	000 283 769
<b>Summary of variation:</b>	To change the distinguishing product name and the name that appears on the label from 'TROY VANGARD ALLWORMER TABLETS FOR SMALL DOGS' to 'TROY ENTERA ALLWORMER TABLETS FOR SMALL DOGS'
<b>Date of variation:</b>	1 February 2016
<b>Product registration no.:</b>	67312
<b>Label approval no.:</b>	67312/105546

<b>Application no:</b>	105548
<b>Product name:</b>	Troy Entera Allwormer Tablets For Medium Dogs
<b>Active constituent/s:</b>	Each tablet contains: 250 mg febantel, 50 mg praziquantel, 49.8 mg pyrantel (as the embonate)
<b>Applicant name:</b>	Troy Laboratories Pty Ltd
<b>Applicant ACN:</b>	000 283 769
<b>Summary of variation:</b>	To change the distinguishing product name and the name that appears on the label from 'TROY VANGARD ALLWORMER TABLETS FOR MEDIUM DOGS' to 'TROY ENTERA ALLWORMER TABLETS FOR MEDIUM DOGS'
<b>Date of variation:</b>	1 February 2016
<b>Product registration no.:</b>	67313
<b>Label approval no.:</b>	67313/105548

## Approved Active Constituents

Pursuant to the Agricultural and Veterinary Chemicals Code scheduled to the *Agricultural and Veterinary Chemicals Code Act 1994*, the APVMA hereby gives notice that it has approved or varied the relevant particulars or conditions of the approval of the following active constituents, with effect from the dates shown.

Note: The APVMA is currently assigning separate approval numbers for vet actives which means some vet actives listed in this gazette will have an approval date that occurred in the past. [For more information.](#)

### 1. ACTIVE CONSITUTENT

<b>Application no.:</b>	2455
<b>Active constituent/s:</b>	Sodium Hyaluronate
<b>Applicant name:</b>	Merial Australia Pty Ltd
<b>Applicant ACN:</b>	071 187 285
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	24 March 1995
<b>Approval no.:</b>	82357

<b>Application no.:</b>	4199
<b>Active constituent/s:</b>	Triclabendazole
<b>Applicant name:</b>	Elanco Australasia Pty Ltd
<b>Applicant ACN:</b>	076 745 198
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	6 April 1995
<b>Approval no.:</b>	82176

<b>Application no.:</b>	3872
<b>Active constituent/s:</b>	Salinomycin Sodium
<b>Applicant name:</b>	Huvepharma EOOD
<b>Applicant ACN:</b>	N/A
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	19 April 1996
<b>Approval no.:</b>	82327

<b>Application no.:</b>	6121
<b>Active constituent/s:</b>	Ketoprofen
<b>Applicant name:</b>	Merial Australia Pty Ltd
<b>Applicant ACN:</b>	071 187 285
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	24 October 1996
<b>Approval no.:</b>	82360

<b>Application no.:</b>	26597
<b>Active constituent/s:</b>	Oxytetracycline Hydrochloride
<b>Applicant name:</b>	Phibro Animal Health Pty Limited
<b>Applicant ACN:</b>	093 869 991
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	16 April 1997
<b>Approval no.:</b>	82410

<b>Application no.:</b>	9717
<b>Active constituent/s:</b>	Nandrolone Decanoate
<b>Applicant name:</b>	RWR Veterinary Products Pty Ltd
<b>Applicant ACN:</b>	088 423 018
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	28 April 1998
<b>Approval no.:</b>	82157

<b>Application no.:</b>	26510
<b>Active constituent/s:</b>	Morantel Citrate
<b>Applicant name:</b>	Phibro Animal Health Pty Limited
<b>Applicant ACN:</b>	093 869 991
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	29 April 1998
<b>Approval no.:</b>	82421

<b>Application no.:</b>	17358
<b>Active constituent/s:</b>	Testosterone
<b>Applicant name:</b>	RWR Veterinary Products Pty Ltd
<b>Applicant ACN:</b>	088 423 018
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	19 July 1999
<b>Approval no.:</b>	82155

<b>Application no.:</b>	17987
<b>Active constituent/s:</b>	Testosterone Propionate
<b>Applicant name:</b>	RWR Veterinary Products Pty Ltd
<b>Applicant ACN:</b>	088 423 018
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	21 December 1999
<b>Approval no.:</b>	82154

<b>Application no.:</b>	17987
<b>Active constituent/s:</b>	Testosterone Cypionate
<b>Applicant name:</b>	RWR Veterinary Products Pty Ltd
<b>Applicant ACN:</b>	088 423 018
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	21 December 1999
<b>Approval no.:</b>	82153

<b>Application no.:</b>	11019
<b>Active constituent/s:</b>	Inositol
<b>Applicant name:</b>	Ceva Animal Health Pty Ltd
<b>Applicant ACN:</b>	002 692 426
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	26 April 2000
<b>Approval no.:</b>	82318



<b>Application no.:</b>	19658
<b>Active constituent/s:</b>	Lincomycin Hydrochloride
<b>Applicant name:</b>	Zoetis Australia Pty Ltd
<b>Applicant ACN:</b>	156 476 425
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	25 July 2000
<b>Approval no.:</b>	81641

<b>Application no.:</b>	21919
<b>Active constituent/s:</b>	Flavophospholipol
<b>Applicant name:</b>	Huvepharma EOOD
<b>Applicant ACN:</b>	N/A
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	13 March 2001
<b>Approval no.:</b>	82328

<b>Application no.:</b>	26401
<b>Active constituent/s:</b>	Monensin Sodium
<b>Applicant name:</b>	Phibro Animal Health Pty Limited
<b>Applicant ACN:</b>	093 869 991
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	26 November 2002
<b>Approval no.:</b>	82398

<b>Application no.:</b>	29139
<b>Active constituent/s:</b>	Nicarbazin
<b>Applicant name:</b>	Phibro Animal Health Pty Limited
<b>Applicant ACN:</b>	093 869 991
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	8 April 2003
<b>Approval no.:</b>	82391

<b>Application no.:</b>	30915
<b>Active constituent/s:</b>	Carprofen
<b>Applicant name:</b>	Apex Laboratories Pty Ltd
<b>Applicant ACN:</b>	000 397 240
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	11 September 2003
<b>Approval no.:</b>	82092

<b>Application no.:</b>	31476
<b>Active constituent/s:</b>	Clindamycin Hydrochloride
<b>Applicant name:</b>	Chanelle Animal Health Ltd
<b>Applicant ACN:</b>	N/A
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	4 March 2004
<b>Approval no.:</b>	82458

<b>Application no.:</b>	33441
<b>Active constituent/s:</b>	Dinitolmide
<b>Applicant name:</b>	Phibro Animal Health Pty Limited
<b>Applicant ACN:</b>	093 869 991
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	27 September 2004
<b>Approval no.:</b>	82372

<b>Application no.:</b>	33163
<b>Active constituent/s:</b>	Zinc Bacitracin
<b>Applicant name:</b>	Phibro Animal Health Pty Limited
<b>Applicant ACN:</b>	093 869 991
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	23 March 2005
<b>Approval no.:</b>	82385

<b>Application no.:</b>	35625
<b>Active constituent/s:</b>	Methandriol Dipropionate
<b>Applicant name:</b>	RWR Veterinary Products Pty Ltd
<b>Applicant ACN:</b>	088 423 018
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	12 April 2005
<b>Approval no.:</b>	82139

<b>Application no.:</b>	36829
<b>Active constituent/s:</b>	Boldenone Undecylenate
<b>Applicant name:</b>	RWR Veterinary Products Pty Ltd
<b>Applicant ACN:</b>	088 423 018
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	4 July 2006
<b>Approval no.:</b>	82135

<b>Application no.:</b>	35928
<b>Active constituent/s:</b>	Omeprazole
<b>Applicant name:</b>	Ceva Animal Health Pty Ltd
<b>Applicant ACN:</b>	002 692 426
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	22 February 2007
<b>Approval no.:</b>	82185

<b>Application no.:</b>	42063
<b>Active constituent/s:</b>	Oxantel Embonate
<b>Applicant name:</b>	RWR Veterinary Products Pty Ltd
<b>Applicant ACN:</b>	088 423 018
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	30 July 2007
<b>Approval no.:</b>	82045

<b>Application no.:</b>	42063
<b>Active constituent/s:</b>	Pyrantel Embonate
<b>Applicant name:</b>	RWR Veterinary Products Pty Ltd
<b>Applicant ACN:</b>	088 423 018
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	30 July 2007
<b>Approval no.:</b>	82048

<b>Application no.:</b>	40472
<b>Active constituent/s:</b>	Dimethylglycine Hydrochloride
<b>Applicant name:</b>	Ceva Animal Health Pty Ltd
<b>Applicant ACN:</b>	002 692 426
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	19 February 2008
<b>Approval no.:</b>	82187

<b>Application no.:</b>	36334
<b>Active constituent/s:</b>	Praziquantel
<b>Applicant name:</b>	Chanelle Animal Health Ltd
<b>Applicant ACN:</b>	N/A
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	31 March 2008
<b>Approval no.:</b>	82471

<b>Application no.:</b>	36334
<b>Active constituent/s:</b>	Fenbendazole
<b>Applicant name:</b>	Chanelle Animal Health Ltd
<b>Applicant ACN:</b>	N/A
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	31 March 2008
<b>Approval no.:</b>	82473

<b>Application no.:</b>	41964
<b>Active constituent/s:</b>	Tilmicosin
<b>Applicant name:</b>	Huvepharma EOOD
<b>Applicant ACN:</b>	N/A
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	1 July 2008
<b>Approval no.:</b>	82339

<b>Application no.:</b>	42674
<b>Active constituent/s:</b>	Monensin Sodium
<b>Applicant name:</b>	Huvepharma EOOD
<b>Applicant ACN:</b>	N/A
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	3 October 2008
<b>Approval no.:</b>	82345

<b>Application no.:</b>	45083
<b>Active constituent/s:</b>	Salinomycin Sodium
<b>Applicant name:</b>	Phibro Animal Health Pty Limited
<b>Applicant ACN:</b>	093 869 991
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	6 February 2009
<b>Approval no.:</b>	82370

<b>Application no.:</b>	41838
<b>Active constituent/s:</b>	Tylosin Phosphate
<b>Applicant name:</b>	Huvepharma EOOD
<b>Applicant ACN:</b>	N/A
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	2 October 2009
<b>Approval no.:</b>	82342

<b>Application no.:</b>	49225
<b>Active constituent/s:</b>	Dinitolmide
<b>Applicant name:</b>	Nutriment Health Pty Ltd
<b>Applicant ACN:</b>	628 638 300
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	8 November 2010
<b>Approval no.:</b>	82436

<b>Application no.:</b>	48712
<b>Active constituent/s:</b>	Glucosamine Hydrochloride
<b>Applicant name:</b>	RWR Veterinary Products Pty Ltd
<b>Applicant ACN:</b>	088 423 018
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	24 November 2010
<b>Approval no.:</b>	82107

<b>Application no.:</b>	49987
<b>Active constituent/s:</b>	Nicarbazin
<b>Applicant name:</b>	Nutriment Health Pty Ltd
<b>Applicant ACN:</b>	628 638 300
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	3 December 2010
<b>Approval no.:</b>	82388

<b>Application no.:</b>	48753
<b>Active constituent/s:</b>	Moxidectin
<b>Applicant name:</b>	Merial Australia Pty Ltd
<b>Applicant ACN:</b>	071 187 285
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	10 February 2011
<b>Approval no.:</b>	82193

<b>Application no.:</b>	53352
<b>Active constituent/s:</b>	Ivermectin
<b>Applicant name:</b>	RWR Veterinary Products Pty Ltd
<b>Applicant ACN:</b>	008 423 018
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	21 July 2011
<b>Approval no.:</b>	82361

<b>Application no.:</b>	53352
<b>Active constituent/s:</b>	Praziquantel
<b>Applicant name:</b>	RWR Veterinary Products Pty Ltd
<b>Applicant ACN:</b>	088 423 018
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	21 July 2011
<b>Approval no.:</b>	82362

<b>Application no.:</b>	51351
<b>Active constituent/s:</b>	Flavophospholipol
<b>Applicant name:</b>	Nutriment Health Pty Ltd
<b>Applicant ACN:</b>	628 638 300
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	25 July 2011
<b>Approval no.:</b>	82433

<b>Application no.:</b>	57612
<b>Active constituent/s:</b>	Robenidine Hydrochloride
<b>Applicant name:</b>	Nutriment Health Pty Ltd
<b>Applicant ACN:</b>	628 638 300
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	26 August 2012
<b>Approval no.:</b>	82427

<b>Application no.:</b>	46158
<b>Active constituent/s:</b>	Meloxicam
<b>Applicant name:</b>	Chanelle Animal Health Ltd
<b>Applicant ACN:</b>	N/A
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	28 May 2013
<b>Approval no.:</b>	82470

<b>Application no.:</b>	63230
<b>Active constituent/s:</b>	Bacitracin Zinc
<b>Applicant name:</b>	Nutriment Health Pty Ltd
<b>Applicant ACN:</b>	628 638 300
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	2 June 2015
<b>Approval no.:</b>	82424

<b>Application no.:</b>	54347
<b>Active constituent/s:</b>	Chlortetracycline Hydrochloride
<b>Applicant name:</b>	Nutriment Health Pty Ltd
<b>Applicant ACN:</b>	628 638 300
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	8 July 2015
<b>Approval no.:</b>	82431
<b>Application no.:</b>	101895
<b>Active constituent/s:</b>	Praziquantel
<b>Applicant name:</b>	Virbac (Australia) Pty Ltd
<b>Applicant ACN:</b>	003 268 871
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	27 November 2015
<b>Approval no.:</b>	80904
<b>Application no.:</b>	102411
<b>Active constituent/s:</b>	Abamectin
<b>Applicant name:</b>	Zoetis Australia Pty Ltd
<b>Applicant ACN:</b>	156 476 425
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	16 December 2015
<b>Approval no.:</b>	81143
<b>Application no.:</b>	101377
<b>Active constituent/s:</b>	Ivermectin
<b>Applicant name:</b>	Exelpet Products A Div Of Mars Australia Pty Ltd
<b>Applicant ACN:</b>	008 454 313
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	20 January 2016
<b>Approval no.:</b>	82319
<b>Application no.:</b>	24620
<b>Active constituent/s:</b>	Clostridium Perfringens Type D Toxoid (Inactivated)
<b>Applicant name:</b>	Virbac (Australia) Pty Ltd
<b>Applicant ACN:</b>	003 268 871
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	21 January 2016
<b>Approval no.:</b>	82177
<b>Application no.:</b>	24620
<b>Active constituent/s:</b>	Clostridium Tetani Toxoid (Inactivated)
<b>Applicant name:</b>	Virbac (Australia) Pty Ltd
<b>Applicant ACN:</b>	003 268 871
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	21 January 2016
<b>Approval no.:</b>	82178

<b>Application no.:</b>	24620
<b>Active constituent/s:</b>	Corynebacterium Pseudotuberculosis (Inactivated)
<b>Applicant name:</b>	Virbac (Australia) Pty Ltd
<b>Applicant ACN:</b>	003 268 871
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	21 January 2016
<b>Approval no.:</b>	82179

<b>Application no.:</b>	102688
<b>Active constituent/s:</b>	Moxidectin
<b>Applicant name:</b>	Virbac (Australia) Pty Ltd
<b>Applicant ACN:</b>	003 268 871
<b>Summary of use:</b>	For use in veterinary chemical products
<b>Date of approval:</b>	3 February 2016
<b>Approval no.:</b>	81254

## 2. VARIATIONS OF ACTIVE CONSTITUENT

<b>Application no.:</b>	103526
<b>Active constituent/s:</b>	Lincomycin Hydrochloride
<b>Applicant name:</b>	Zoetis Australia Pty Ltd
<b>Applicant ACN:</b>	156 476 425
<b>Summary of variation:</b>	Variation of relevant particulars or conditions of an approved active constituent
<b>Date of variation:</b>	31 July 2015
<b>Approval no.:</b>	81641

<b>Application no.:</b>	101660
<b>Active constituent/s:</b>	Robenidine Hydrochloride
<b>Applicant name:</b>	Zoetis Australia Pty Ltd
<b>Applicant ACN:</b>	156 476 425
<b>Summary of variation:</b>	Variation of relevant particulars or conditions of an approved active constituent
<b>Date of variation:</b>	13 January 2016
<b>Approval no.:</b>	81897

<b>Application no.:</b>	104265
<b>Active constituent/s:</b>	Omeprazole
<b>Applicant name:</b>	Merial Australia Pty Ltd
<b>Applicant ACN:</b>	071 187 285
<b>Summary of variation:</b>	Variation of relevant particulars or conditions of an approved active constituent
<b>Date of variation:</b>	18 January 2016
<b>Approval no.:</b>	55318

<b>Application no.:</b>	104256
<b>Active constituent/s:</b>	Spiramycin
<b>Applicant name:</b>	Merial Australia Pty Ltd
<b>Applicant ACN:</b>	071 187 285
<b>Summary of variation:</b>	Variation of relevant particulars or conditions of an approved active constituent
<b>Date of variation:</b>	16 February 2016
<b>Approval no.:</b>	56286

<b>Application no.:</b>	105359
<b>Active constituent/s:</b>	Eprinomectin
<b>Applicant name:</b>	Merial Australia Pty Ltd
<b>Applicant ACN:</b>	071 187 285
<b>Summary of variation:</b>	Variation of relevant particulars or conditions of an approved active constituent
<b>Date of variation:</b>	18 February 2016
<b>Approval no.:</b>	55471

<b>Application no.:</b>	103127
<b>Active constituent/s:</b>	Metribuzin
<b>Applicant name:</b>	Bayer Cropscience Pty Ltd
<b>Applicant ACN:</b>	000 226 022
<b>Summary of use:</b>	For use in agricultural chemical products
<b>Date of approval:</b>	23 February 2016
<b>Approval no.:</b>	81441

<b>Application no.:</b>	103317
<b>Active constituent/s:</b>	Isoxaflutole
<b>Applicant name:</b>	Adama Australia Pty. Limited
<b>Applicant ACN:</b>	050 328 973
<b>Summary of use:</b>	For use in agricultural chemical products
<b>Date of approval:</b>	3 March 2016
<b>Approval no.:</b>	81538

<b>Application no.:</b>	103070
<b>Active constituent/s:</b>	Fluioxonil
<b>Applicant name:</b>	UPL Australia Limited
<b>Applicant ACN:</b>	066 391 384
<b>Summary of use:</b>	For use in agricultural chemical products
<b>Date of approval:</b>	4 March 2016
<b>Approval no.:</b>	81424

<b>Application no.:</b>	103440
<b>Active constituent/s:</b>	Hexazinone
<b>Applicant name:</b>	Sanonda (Australia) Pty Ltd
<b>Applicant ACN:</b>	059 813 973
<b>Summary of use:</b>	For use in agricultural chemical products
<b>Date of approval:</b>	8 March 2016
<b>Approval no.:</b>	81602

<b>Application no.:</b>	103060
<b>Active constituent/s:</b>	Clodinafop-propargyl
<b>Applicant name:</b>	Agrogill Chemicals Pty Ltd
<b>Applicant ACN:</b>	094 672 107
<b>Summary of use:</b>	For use in agricultural chemical products
<b>Date of approval:</b>	9 March 2016
<b>Approval no.:</b>	81415



<b>Application no.:</b>	102763
<b>Active constituent/s:</b>	Prosulfocarb
<b>Applicant name:</b>	TGAC Australia Pty. Ltd
<b>Applicant ACN:</b>	134 570 700
<b>Summary of use:</b>	For use in agricultural chemical products
<b>Date of approval:</b>	15 March 2016
<b>Approval no.:</b>	81296

## APVMA review of maldison—suspension of product and associated labels

This notice is issued under s.45A(1)(b) of the Agricultural and Veterinary Chemicals Code scheduled to the *Agricultural and Veterinary Chemicals Code Act 1994* (the Agvet Code) and provides notice that the Australian Pesticides and Veterinary Medicines Authority (APVMA) has suspended the registration of *product 33018 Nufarm Maldison 500 Insecticide* (product 33018) and all associated labels as specified in Table 1 below.

The suspension will be in effect from 15 March 2016 until 1 March 2017.

The suspension will include a phase-out period from 15 March 2016 until 1 March 2017 under the conditions of a deemed permit under s.45B of the Agvet Code, allowing possession, custody, supply and use of the product according to label directions. The deemed permit does not allow manufacture or import of the product. The APVMA declares that after 1 March 2017, s.45B(1) of the the Agvet Code ceases to apply in respect of product 33018 and the permit will not be in force.

**Table 1—Details of product registration and label approvals subject to suspension**

Product number	Product name	Holder	Label approval(s)
33018	Nufarm Maldison 500 Insecticide	Nufarm Australia Limited	0100, 0103, 0207, 0402, 0901

### REASONS FOR THE SUSPENSION

The APVMA review of maldison commenced in 2003 due to human health concerns including the potential formation of toxic impurities during storage. As part of the review, the APVMA conducted a chemical stability assessment of product 33018 and determined that the concentration of the toxic impurity, isomalathion, exceeded the safe limit after extended storage, based on Food and Agricultural Organisation of the United Nations (FAO) specifications for maldison (2013). Consequently, it appears to the APVMA that the product does not meet the *safety criteria as defined under s5A of the Agvet Code* (the safety criteria) as it may:

- be an undue hazard to the safety of people exposed to it during its handling
- have an effect that is harmful to human beings.

Under s.41(1)(b) of the Agvet Code, the APVMA may suspend the registration of a chemical product if it appears to the APVMA that the product may not meet the safety criteria. The APVMA may also suspend the approval of a label under s.44(2) of the Agvet Code if the APVMA suspends the registration of the inter-related chemical product.

Consequently, the APVMA has suspended the registration of product 33018, based on s.41(1)(b) of the Agvet Code, for the reasons outlined above. The APVMA has also suspended all associated label approvals under s.44(2) of the Agvet Code.

### INSTRUCTIONS FOR DEALING WITH THE SUSPENDED PRODUCT

The following instructions apply to people dealing with product 33018 during the period of suspension from 15 March 2016 until 1 March 2017:

- possession, custody, supply and use of product 33018 in accordance with label directions is permitted
- manufacture or import of product 33018 is not permitted.

## **WARNING**

From 15 March 2016 until 1 March 2017, under s.45C(2) of the Agvet Code, a person may only possess, have custody of or otherwise deal with product 33018 in accordance with the instructions contained in this notice. Failure to comply with the instructions contained in this notice is an offence which attracts a fine of 300 penalty units<sup>1</sup> as specified under s.45C(5) of the Agvet Code.

The APVMA may undertake further regulatory actions for product 33018 during the suspension period which may impact the suspension conditions.

## **APVMA CONTACT**

### **For further information please contact:**

Chemical Review Liaison Officer  
Scientific Assessment and Chemical Review  
Australian Pesticides and Veterinary Medicines Authority  
PO Box 6182  
KINGSTON ACT 2604

Phone: +61 2 6210 4749

Fax: +61 2 6210 4776

Email: [chemicalreview@apvma.gov.au](mailto:chemicalreview@apvma.gov.au)

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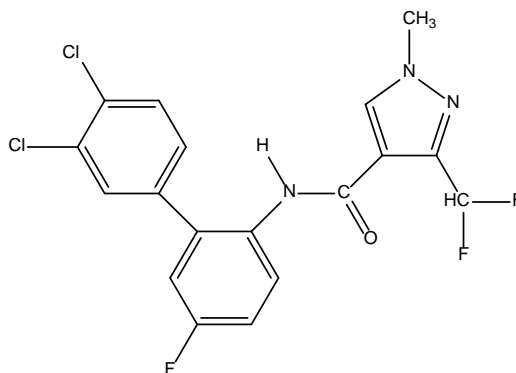
<sup>1</sup> A penalty unit is defined by the Crimes Act 1914 to mean \$180.

## New veterinary active constituent—bixafen

The Australian Pesticides and Veterinary Medicines Authority (APVMA) has before it an application for the approval of a new active constituent, bixafen for use as a fungicide in agricultural products.

Common Name	Bixafen
IUPAC Name:	N-(3',4'-dichloro-5-fluorobiphenyl-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide
Chemical Abstracts Name:	N-(3',4'-dichloro-5-fluoro[1,1'-biphenyl]-2-yl)-3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxamide
CAS Number:	581809-46-3
Molecular Formula:	C <sub>18</sub> H <sub>12</sub> Cl <sub>2</sub> F <sub>3</sub> N <sub>3</sub> O
Molecular Weight:	414.21

Structure:



Chemical Family:	Anilide fungicide and pyrazole fungicide
Mode of Action:	Inhibition of mitochondrial function by disrupting complex II (succinate dehydrogenase) in the respiratory electron transport chain

### SUMMARY OF THE APVMA'S EVALUATION OF BIXAFEN ACTIVE CONSTITUENT

The Scientific Assessment and Chemical Review Program of the APVMA has evaluated the chemistry aspects of bixafen active constituent (manufacturing process, quality control procedures, batch analysis results and analytical methods) and found them to be acceptable.

The Office of Chemical Safety has considered the toxicological aspects of bixafen, and advised that there are no objections on toxicological grounds to the approval of the active constituent bixafen. An Acceptable Daily Intake (ADI) of 0.02 mg/kg bw/d and an Acute Reference Dose (ARfD) of 0.2 mg/kg bw have been set. On 27 November 2015, the Delegate to the Secretary of the Department of Health published a final scheduling decision to create a new Schedule 5 entry for bixafen in the Standard for the Uniform Scheduling of Medicines and Poisons, with no exemption cut-off, and an implementation date of 1 February 2016.

The APVMA accepts the findings and recommendations of its adviser on these criteria.

The APVMA is satisfied that the proposed importation and use of bixafen would not be an undue toxicological hazard to the safety of people exposed to it during its handling and use.

## MAKING A SUBMISSION

In accordance with sections 12 of the Agvet Code, the APVMA invites any person to submit a relevant written submission as to whether the application for approval of bixafen should be granted. Submissions should relate only to matters that the APVMA is required by legislation to consider in deciding whether to grant the approval. These grounds include chemistry and manufacture, and toxicity. Submissions should state the grounds on which they are based. Comments received outside these grounds cannot be considered by the APVMA.

Submissions must be received by the APVMA within 28 days of the date of this notice and be directed to the contact listed below. All submissions to the APVMA will be acknowledged in writing via email or by post. A summary of relevant comments and the APVMA's response will be published on the APVMA website.

When making a submission please include a:

- contact name
- company or group name (if relevant)
- postal address
- email address (if available)
- date you made the submission.

All personal and *confidential commercial information (CCI)*<sup>2</sup> material contained in submissions will be treated confidentially.

Written submissions on the APVMA's proposal to grant approval for bixafen that relate to the grounds for approval should be addressed in writing to:

Director of Chemistry and Manufacture  
Scientific Assessment and Chemical Review Program  
Australian Pesticides and Veterinary Medicines Authority  
PO Box 6182  
KINGSTON ACT 2604

**Phone:** +61 2 6210 4701

**Fax:** +61 2 6210 4721

**Email:** [enquiries@apvma.gov.au](mailto:enquiries@apvma.gov.au)

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<sup>2</sup> A full definition of 'confidential commercial information' is contained in the [Agvet Code](#).

## New agricultural chemical products bixafen in aviator xpro foliar fungicide

The Australian Pesticides and Veterinary Medicines Authority (APVMA) has before it an application from Sumitomo Chemical Australia Pty Ltd for registration of a new product containing the new active bixafen and the existing active constituent prothioconazole. The product Aviator Xpro Foliar Fungicide is for use on canola.

### PARTICULARS OF THE APPLICATION

Proposed Product Name(s):	AVIATOR XPRO FOLIAR FUNGICIDE
Applicant Company:	
Name of Active Constituent:	Bixafen
Signal Heading:	
Summary of Proposed Use:	For the control of black leg ( <i>Leptosphaeria maculans</i> ) in canola
Pack Sizes:	10 L, 15 L, 10 L, 20 L, 100 L, 110 L and 1000 L
Withholding Period:	Harvest: Not required when used as directed  Grazing: <u>Livestock Not Producing Milk for Human Consumption</u> : Do not graze or cut for stock food for 4 weeks after application.  <u>Livestock Producing milk for Human Consumption</u> : Do not graze livestock producing milk for human consumption on treated crops.

### SUMMARY OF THE APVMA'S EVALUATION OF AVIATOR XPRO FOLIAR FUNGICIDE IN ACCORDANCE WITH SECTION 14(3)(E) AND (F) OF THE AGRICULTURAL AND VETERINARY CHEMICALS CODE (THE 'AGVET CODE'), SCHEDULED TO THE *AGRICULTURAL AND VETERINARY CHEMICALS CODE ACT 1994*

The APVMA has evaluated the application and in its assessment in relation to human and environmental safety under section 14(3)(e) of the Agvet Code, it proposes to determine that:

- (i) The APVMA is satisfied that the proposed use of AVIATOR XPRO FOLIAR FUNGICIDE would not be an undue hazard to the safety of people exposed to it during its handling and use.

The Office of Chemical Safety (OCS) in the Department of Health and Ageing has conducted a risk assessment on the product and concluded that it can be used safely.

Aviator Xpro Foliar Fungicide is intended only for professional use, and farmers and their employees will be the main users of the product. The product will be applied by various ground boom or aerial applications. Workers may be exposed to the product when opening containers, mixing/loading, application, cleaning up spills, maintaining equipment and entering treated crops. The main routes of exposure to the product spray will be dermal and inhalation, with possible ocular exposure.

In the absence of exposure data for bixafen and for the proposed aerial mode of application for prothioconazole, the Pesticide Handler Exposure Database (PHED) Surrogate Exposure Guide was used to estimate exposure. The database was also used to verify the calculated exposure of workers to prothioconazole via ground boom application from submitted exposure studies.

Estimated exposures to the product when preparing and using the spray by ground boom or aerial application were at acceptable levels when wearing personal protective equipment (PPE). Based on the risk assessment, First Aid Instructions, Safety Directions and Re-entry statements have been recommended for the product label.

Based on the risk assessment, First Aid Instructions, Safety Directions and Re-entry statements have been recommended for the product label.

Based on an assessment of the toxicology, it was considered that there should be no adverse effects on human health from the use of Aviator Xpro Foliar Fungicide when used in accordance with the label directions.

- (ii) The APVMA is satisfied that the proposed use of AVIATOR XPRO FOLIAR will not be an undue hazard to the safety of people using anything containing its residues.

The product will be used as a foliar spray canola. The APVMA Residues and Trade Section has evaluated the residues aspects of the proposed product and has recommended amendments to the APVMA MRL Standard for bixafen and for inclusion in the Food Standards Code. Dietary intake modelling has shown the expected chronic and acute dietary exposures to bixafen are both below the relevant health standards. Recommendations in regard to the withholding period and protection statements for livestock have been included on the label.

The APVMA is satisfied that the proposed use of AVIATOR XPRO FOLIAR FUNGICIDE containing the active constituents bixafen and prothioconazole is not likely to be harmful to human beings if used according to the product label.

Bixafen is a carboxamide fungicide belonging to the sub-class of the pyrazole-carboxamides, a succinate dehydrogenase inhibitor of fungal pathogens. The proposed use of a new emulsifiable concentrate product, Aviator Xpro Foliar Fungicide, containing bixafen at 75 g/L and prothioconazole at 150 g/L, is for the control and/or suppression of foliar diseases in barley, oats, triticale, wheat and canola. Aviator Xpro Foliar Fungicide will be available in pack sizes between 10 and 1000 L.

In toxicokinetics studies in rats, bixafen was absorbed rapidly and overall oral absorption was high. After absorption, bixafen was widely distributed and detected, at low concentrations, in most examined tissues. Elimination of absorbed bixafen was rapid, with the majority of the administered radioactivity eliminated in faeces within the first 24 hours. Bixafen was highly metabolised with only approximately 9 % was excreted in the unchanged form.

Based on the findings of the acute toxicological studies evaluated, bixafen has low acute oral, dermal and inhalational toxicity in rats. Bixafen is not a skin or eye irritant in rabbits. No determination on whether bixafen is a skin sensitiser could be made, as a guideline-compliant skin sensitisation study was not provided.

Bixafen was generally well tolerated across the species tested in repeat-dose toxicity studies, with decreases in body weight and body weight gain identified along with increases in liver weights, with associated histopathological changes, as the main treatment-related effects. Carcinogenicity studies indicated that bixafen was not carcinogenic in mice or rats. Bixafen was negative in *in vitro* and *in vivo* mutagenicity and/or genotoxicity studies.

Bixafen was not a reproductive or developmental toxicant, as measured reproductive and developmental indices, including malformation/variation frequencies, were only seen at doses that showed significant maternal toxicity. Across acute and subchronic studies, bixafen was not a neurotoxicant.

Based on the findings of the acute toxicological studies evaluated, the product Aviator Xpro Foliar Fungicide has low acute oral and dermal toxicity in rats and has low estimated inhalational toxicity. Aviator Xpro Foliar Fungicide was a severe eye and a slight skin irritant in rabbits, and was not a skin sensitiser in mice (LLNA method).

Based on an assessment of the toxicology, it was considered that there should be no adverse effects on human health from the use of Aviator Xpro Foliar Fungicide when used in accordance with the label directions.

- (iii) The APVMA is satisfied that the proposed use of AVIATOR XPRO FOLIAR FUNGICIDE containing the active constituents bixafen and prothioconazole is not likely to have an unintended effect that is harmful to animals, plants or the environment if used according to the product label directions.

Data provided in support of the proposed use have been assessed and it is concluded that the risks to the environment from this use are acceptable provided that the draft label is updated to meet current spray drift requirements.

Bixafen is stable to hydrolysis and photolytic degradation. It is persistent in the terrestrial environment with field half-lives potentially exceeding 1000 days. However, it is not expected to be mobile in soil. When released to water, bixafen may be expected to partition to the sediments where again, it is likely to be very persistent. Bixafen is not likely to bio-accumulate.

Bixafen is practically non-toxic to birds based on acute and dietary exposure. No effects on avian reproduction are expected based on application rates and uses assessed. It was found to be very highly toxic to fish and moderately toxic to aquatic invertebrates based on both acute and chronic exposure.

Bixafen was very highly toxic to two of four standard algal test species and was at worst highly toxic to the standard floating aquatic macrophyte, *Lemna gibba*.

Bixafen generally did not exhibit toxicity towards terrestrial invertebrates or soil microorganisms at levels expected through the proposed use pattern. Tier 1 testing using the formulated end-use product showed some terrestrial plants were potentially based on growth measurements, but mortality was not observed at use rates higher than those currently proposed.

In spite of conservative modelling, the risk assessment determined that the chemical is unlikely to pose an environmental risk under the proposed use pattern, provided the draft label is updated to meet current requirements, and appropriate down-wind spray drift buffer zones are implemented for the protection of sensitive aquatic and terrestrial areas.

The APVMA has considered these findings accepts these conclusions.

- (iv) The APVMA is considering whether the proposed use of AVIATOR XPRO FOLAIR FUNGICIDE would not adversely affect trade between Australia and places outside Australia.

Export of treated produce containing finite (measurable) residues of bixafen and prothioconazole may pose a risk to Australian trade in situations where (i) no residue tolerance (import tolerance) is established in the importing country or (ii) where residues in Australian produce are likely to exceed a residue tolerance (import tolerance) established in the importing country.

No changes to established prothioconazole MRLs for rape seed and animal commodities are proposed and therefore the proposed use of prothioconazole is unlikely to increase the risk to international trade.

The proposed residue definition for bixafen is the same as that established by Codex, the EU and New Zealand. International MRLs have not been established for bixafen by Codex, the USA, Korea and Taiwan.

An MRL for canola is proposed at the LOQ (\*0.01 mg/kg) and therefore the export of treated canola is unlikely to result in an undue risk to international trade.



Bixafen MRLs for meat [mammalian] [in the fat] and edible offal (Mammalian) at 0.1 and 0.3 mg/kg respectively are required for the proposed use on canola. The proposed Export Slaughter Interval of 7 days should adequately prevent residues above the LOQ of 0.02 mg/kg in animal commodities destined for export.

The following label statements have been proposed to manage the trade risk associated with the proposed use:

*'EXPORT OF TREATED PRODUCE: Growers should note that MRLs or import tolerances do not exist in all markets for produce treated with Aviator Xpro. If you are growing produce for export, please check with Bayer CropScience for the latest information on MRLs and import tolerances before using Aviator Xpro', and, 'EXPORT SLAUGHTER INTERVAL (ESI—7 DAYS: Livestock not producing milk for human consumption that have been grazing on treated crops should be placed on clean feed for 7 days prior to slaughter).'*

Comment is sought from the relevant industry groups on the perceived level of risk and whether any industry-initiated strategies are required to manage that risk.

- (v) In relation to its assessment of efficacy under section 14(3)(f), the APVMA is satisfied that data from trials supporting the efficacy of the product adequately demonstrate that if used according to the product label directions, the product is effective for its proposed uses.

#### **FURTHER INFORMATION**

A Public Release Summary (PRS) of the evaluation of this product is available from the APVMA website's 'Public Consultation' page, or by contacting the APVMA via the details listed below.

#### **MAKING A SUBMISSION**

In accordance with sections 12 and 13 of the Agvet Code, the APVMA invites any person to submit a relevant written submission as to whether the application for registration of AVIATOR XPRO FOLIAR FUNGICIDE should be granted. Submissions should relate only to matters that the APVMA is required by legislation to take into account in deciding whether to grant the application. These grounds include occupational health and safety, chemistry and manufacture, residues, safety and first aid, environmental fate and toxicity, trade and efficacy. Submissions should state the grounds on which they are based. Comments received outside these grounds cannot be considered by the APVMA.

Submissions must be received by the APVMA within 28 days of the date of this notice and be directed to the contact listed below. All submissions to the APVMA will be acknowledged in writing via email or by post.

Relevant comments will be taken into account by the APVMA in deciding whether the product should be registered and in determining appropriate conditions of registration and product labelling.

When making a submission please include a:

- contact name
- company or group name (if relevant)
- email or postal address
- date you made the submission.

All personal and *confidential commercial information (CCI)*<sup>3</sup> material contained in submissions will be treated confidentially.

Written submissions on the APVMA's proposal to grant the application for registration that relate to the grounds for registration should be addressed in writing to:

Case Management and Evaluation  
Registration Management and Evaluation  
Australian Pesticides and Veterinary Medicines Authority  
PO Box 6182  
KINGSTON ACT 2604

**Phone:** +61 2 6210 4700

**Fax:** +61 2 6210 4776

**Email:** [enquiries@apvma.gov.au](mailto:enquiries@apvma.gov.au)

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<sup>3</sup> A full definition of 'confidential commercial information' is contained in the [Agvet Code](#).

## Final pesticide and veterinary medicines product sales 2014–15 financial year

This notice provides the collated final product sales information provided to the APVMA for the 2014–15 financial year.

### AGRICULTURAL (PESTICIDES) PRODUCT SALES FOR THE 2014–15 FINANCIAL YEAR

AGRICULTURAL PRODUCT TYPES	NO OF PRODUCTS	TOTAL \$
ADJUVANTS/SURFACTANTS	424	80,014,340.00
ANTIFOULING—BOAT	48	17,227,430.00
DAIRY CLEANSER	133	12,573,155.00
DISINFECTANT/SANITISER	104	10,193,093.00
FUNGICIDE	959	206,610,557.00
GROWTH PROMOTERS/REGULATORS	243	30,144,204.00
HERBICIDE	3119	1,545,493,477.00
HOUSEHOLD INSECTICIDE	588	141,589,433.00
INSECTICIDE	1514	332,456,018.00
MISC(E.G: SEED SAFENERS, MARKERS ETC)	51	4,888,882.00
MITICIDE	128	20,860,763.00
MIXED FUNCTION PESTICIDE	219	71,744,276.00
MOLLUSCICIDE	53	15,569,949.00
NEMATOCIDE	18	3,904,630.00
POOL PRODUCTS/ALGICIDE	757	63,705,670.00
REPELLENTDOGS/BIRDS ETC	18	1,224,072.00
SEED TREATMENTS	64	8,130,289.00
VERTEBRATE POISON	217	18,471,093.00
WOOD PRESERVATIVE	16	2,870,360.00
<b>GRAND TOTAL</b>	<b>8673</b>	<b>2,587,671,691.00</b>

**VETERINARY MEDICINES PRODUCT SALES FOR THE 2014–15 FINANCIAL YEAR**

<b>VETERINARY PRODUCT TYPES</b>		<b>NO OF PRODUCTS</b>	<b>TOTAL \$</b>
ALIMENTARY SYSTEM	ANTI BLOAT	17	1,791,473.00
ALIMENTARY SYSTEM	ANTIDIARRHOEALS AND SCOUR TREATMENTS	17	1,409,472.00
ALIMENTARY SYSTEM	LAXATIVES, PURGATIVES & LUBICANTS, ANTISPASMODICS	14	2,290,657.00
ANAESTHETICS/ANALGESICS	ANAESTHETICS—LOCAL AND GENERAL	51	11,577,854.00
ANAESTHETICS/ANALGESICS	ANALGESICS	19	4,887,581.00
ANTIBIOTIC & RELATED	ANTIBIOTIC—INTRAMAMMARY	28	11,217,459.00
ANTIBIOTIC & RELATED	ANTIBIOTIC—ORAL	200	25,995,462.00
ANTIBIOTIC & RELATED	ANTIBIOTIC—PARENTERAL	79	28,038,113.00
ANTIBIOTIC & RELATED	OTHER ANTI-INFECTIVE AGENTS	46	1,682,589.00
ANTIBIOTIC & RELATED	SULFONAMIDES	40	2,922,236.00
ANTIDOTES	ANTIDOTES	16	1,302,556.00
CARDIOVASCULAR SYSTEM	CARDIAC REACTANTS, CLOTTING AGENTS	43	7,345,104.00
CENTRAL NERVOUS SYSTEM	HYPNOTICS, TRANQUILIZERS, EMETICS, ANTIEMETICS	43	4,645,783.00
DERMATOLOGICAL PREPS.	ANTIBIOTICS, ANTIFUNGALS, CORTICOSTEROID COMBINATIONS	30	2,572,941.00
DERMATOLOGICAL PREPS.	ANTISEPTICS (DERMATOLOGICAL AND GENERAL)	139	24,210,888.00
DERMATOLOGICAL PREPS.	NONSTEROIDAL ANTIPRURITICS, KERATOLYICS	36	5,556,013.00
EAR,NOSE,THROAT PREPS.	AURAL	27	6,434,754.00
ENDOCRINE SYSTEM	ANABOLIC STEROIDS	21	174,256.00
ENDOCRINE SYSTEM	CORTICOSTEROIDS AND ADRENAL COMPOUNDS	32	3,272,236.00
ENDOCRINE SYSTEM	SEX HORMONES	56	9,233,990.00
ENDOCRINE SYSTEM	TROPIC HORMONES (PITUITARY) & INSULIN PREPARATIONS	37	6,309,977.00
GENITOURINARY SYSTEM	DIURETICS, ACIDIFIERS, ALKANISERS	27	1,612,727.00
GENITOURINARY SYSTEM	UTERINE OR VAGINAL ACTING AGENTS	7	1,070,336.00
IMMUNOTHERAPY	ANTISERA, ANTIVENIM	9	2,647,060.00

VETERINARY PRODUCT TYPES		NO OF PRODUCTS	TOTAL \$
IMMUNOTHERAPY	IMMUNOMODIFYING AGENTS	11	2,523,090.00
IMMUNOTHERAPY	INJECTABLE VACCINES	177	134,775,418.00
IMMUNOTHERAPY	NASAL, ORAL, OPHTHALMIC VACCINES	34	26,856,036.00
MISC	MISC	92	21,672,580.00
MUSCULOSKELETAL SYSTEM	ANTI-INFLAMMATORY AGENTS	236	30,667,346.00
MUSCULOSKELETAL SYSTEM	COUNTER-IRRITANTS, RUBEFIACENTS, POULTICES	16	2,712,813.00
NUTRITION & METABOLISM	ANTIBIOTIC AND ANTI-INFECTIVE SUPPLEMENTS	47	4,086,166.00
NUTRITION & METABOLISM	DIETARY/THERAPEUTIC PET FOODS	147	51,606,194.00
NUTRITION & METABOLISM	DIGESTIVE ENZYME SUPPLEMENTS	78	14,670,986.00
NUTRITION & METABOLISM	ELECTROLYTES	71	4,864,031.00
NUTRITION & METABOLISM	GROWTH PROMOTANTS	66	22,823,595.00
NUTRITION & METABOLISM	IRON AND HAEMOPOIETIC AGENTS	24	1,391,344.00
NUTRITION & METABOLISM	PROBIOTIC AND PREBIOTIC	25	1,790,699.00
NUTRITION & METABOLISM	TONICS, STIMULANTS	13	365,076.00
NUTRITION & METABOLISM	VITAMIN, MINERAL, & NUTRITIONAL SUPPLEMENTS	226	31,044,170.00
OPHTHALMIC PREPARATIONS	OPHTHALMIC PREPARATIONS	21	2,247,854.00
PARASITICIDES	BIRDS—EXTERNAL	12	335,106.00
PARASITICIDES	BIRDS—INTERNAL	30	2,736,734.00
PARASITICIDES	LARGE & SMALL ANIMALS— EXTERNAL	18	2,062,593.00
PARASITICIDES	LARGE ANIMALS—EXTERNAL	193	68,050,511.00
PARASITICIDES	LARGE ANIMALS—INTERNAL	285	55,081,482.00
PARASITICIDES	LARGE ANIMALS—INTERNAL & EXTERNAL	96	54,881,156.00
PARASITICIDES	SMALL ANIMALS—EXTERNAL	227	108,580,997.00
PARASITICIDES	SMALL ANIMALS—INTERNAL	263	81,753,386.00
PARASITICIDES	SMALL ANIMALS INTERNAL AND EXTERNAL	39	57,785,403.00
RESPIRATORY SYSTEM	EXPECTORANTS, MUCOLYTICS, DECONGESTANTS, BRONCHODILATORS, RESP STIMULANTS	20	1,297,823.00
<b>GRAND TOTAL</b>		<b>3501</b>	<b>954,864,106.00</b>

## **APVMA CONTACT**

For further information please contact:

Finance  
Corporate Services  
Australian Pesticides and Veterinary Medicines Authority  
PO Box 6182  
KINGSTON ACT 2604

**Phone:** +61 2 6210 4808

**Fax:** +61 2 6210 4874

**Email:** [finance@apvma.gov.au](mailto:finance@apvma.gov.au)