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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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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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Suspension of Approval of the Label for Containers for 2,4-D Products Notice Under s. 45A(1)(b) of the Code

Part 1 -- Suspension decision

On 3 October 2018, the APVMA:

1. Suspended the approval of the labels listed in the table in Part 3 of this notice (table) under s 41(2) of the Agricultural and Veterinary Chemicals Code in the schedule to the *Agricultural and Veterinary Chemicals Code Act 1994* (Cth) (**Code**); and
2. Determined that the instructions for possessing, having custody of, using or supplying the products bearing the suspended labels are as set out in this notice.

Labels may not meet the labelling criteria

The approval of these labels has been suspended because the APVMA is of the view that they may not meet the labelling criteria (defined at s 5D of the Code).

Period of suspension

The suspension is for the period 3 October 2018 until the end of 2 October 2019.

Definitions

In this notice:

earlier approved label means a label whose distinguishing number appears in column 5 of the table which was approved and complied with the relevant particulars recorded in the relevant APVMA file for the label immediately prior to the suspension decision.

relevant 2,4-D product means a product whose distinguishing number appears in column 1 of the table and whose distinguishing name appears in column 2 of the table.

suspension decision means the decision of the APVMA of 3 October 2018 to suspend the approval of labels for containers of each relevant 2,4-D product.

spray drift instructions, in relation to a registered chemical product mentioned in column 1 of the table, bearing an earlier approved label, means parts 2 and 3 of this notice.

table means the table in part 3 of this notice.

Instructions for possessing, having custody of, or using the product

The instructions for possessing, having custody of, or using a product bearing an earlier approved label are the spray drift instructions.

Note: 'spray drift instructions' is defined at paragraph [0] of this notice.

Supply of the product

The supply of the product bearing an earlier approved label may only take place in accordance with the following conditions (new supply instructions):

1. for products manufactured prior to 1 November 2018 –at the time of supply, the supplier must provide to the person taking possession or custody of the relevant product a copy of the spray drift instructions;
2. for products manufactured on or after 1 November 2018 – a copy of the spray drift instructions must be securely affixed to each container of the product.

Note: 'spray drift instructions' is defined at paragraph [0] of this notice.

Consequences of failing to comply with new use instructions and/or new supply instructions

The spray drift instructions and the new supply instructions constitute conditions of a permit taken to have been issued under ss 45B(1) and 45B(3) of the Code (spray drift permit).

It is an offence to contravene a condition of a permit. The pecuniary penalty for each contravention of a condition of the spray drift permit is:

1. for an individual – up to \$189,000; and
2. for a body corporate – up to \$315,000.

[see Code, ss 116(3A) – (3C)]

Part 2 – Spray Drift Instructions

Division 1 – All products

The instructions in this Part are the **spray drift instructions** for a relevant 2,4-D product.

Use of a relevant 2,4-D product may only take place in accordance with:

1. the instructions appearing on the earlier approved label attached to the product; and
2. the instructions in Division 2 of Part 2 of this notice; and
3. the instructions in Division 3 of Part 2 of these instructions which correspond to the product's group (as listed in column 4 of the table).

Instructions on earlier approved label disregarded in event of inconsistency

In the event of any inconsistency between the instructions appearing on the earlier approved label for a product and the instructions in Divisions 2 and 3 of Part 2 of these instructions, the instructions in Divisions 2 and 3 of Part 2 of these instructions are to prevail to the extent of the inconsistency.

These instructions do not authorise additional uses

These instructions do not authorise any person to use a relevant 2,4-D product:

1. in any situation; or
2. at any time; or
3. in any state or territory;

if the person would not be authorised to use the product in that situation, at that time, or in that state or territory, as the case may be, under the instructions appearing on the *earlier approved label* attached to the container for the product.

EXAMPLE 1: If the earlier approved label for the product did not contain instructions for use on cereal crops, these instructions (which contain buffer zones relating to the use of products on cereal crops) DO NOT authorise the use of the product on cereal crops.

EXAMPLE 2: If the earlier approved label contained a condition stating that “this product may only be used from 15 April to 16 September unless otherwise permitted by a state or territory authority”, these instructions DO NOT alter that prohibition.

EXAMPLE 3: If the earlier approved label contained a condition which limited the use of the product to certain states or territories, these instructions DO NOT authorise the use of the product in other states or territories.

Division 2 – Instructions applicable to each relevant 2,4-D product

The instructions in this Division apply to each relevant 2,4-D product.

Directions for use:

As an outcome of the 2018 2,4-D Environmental Assessment report, several recommendations are made to ensure that 2,4-D products continue to be used in a manner that is safe for the animals, plants and the environment. The downwind mandatory no spray zones refer to specific product groupings and in these cases, the following table provides a summary of group numbers and 2,4-D concentrations and forms in the respective group:

1. USERS must first identify which group their product belongs to by identifying the Active Constituent and concentration of the product they intend to use from the product label.

Company X

Amine 625

Selective Herbicide

ACTIVE CONSTITUENT: 625 g/L 2,4-D present as the dimethylamine and diethanolamine salts

For the control of broadleaf weeds in fallow before direct drilling or sowing of cereals and pastures; and in cereal crops, pastures, sugar cane, peanuts and non-agricultural areas as per the Directions for Use.

This is a PHENOXY HERBICIDE that can cause severe damage to susceptible crops such as cotton, grapes, tomatoes, oilseed crops and ornamentals

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USING THIS PRODUCT

From the example below the product Active constituent are dimethylamine and diethanolamine salts
The Concentration is 625 g/L

2. Determine the product group from Table 1 below:
The corresponding product group for this product is Group 9
3. Apply the Downwind mandatory no spray zone for ground and aerial application that correspond to the identified product group for the rate of product being applied

Table 1: Summary of 2,4-D product groupings

Group	2,4-D form	Conc (g/L)	Active 2	Conc (g/L)	Active 3	Conc (g/L)
1	ISOPROPYLAMINE salt	225				
2	ISOPROPYLAMINE salt	300				
3	ISOPROPYLAMINE salt	450				
4	TRIISOPROPANOLAMINE salt	300	Picloram	75		
5	DIMETHYLAMINE salt	500				
6	DIMETHYLAMINE salt	625				
7	DIMETHYLAMINE salt	800				
8	DIMETHYLAMINE salt	720				
8b	DIMETHYLAMINE/(MONOMETHYLAMINE or DIETHANOLAMINE) salts	700				
9	DIMETHYLAMINE/ DIETHANOLAMINE salts	625				
9b	DIMETHYLAMINE/ DIETHANOLAMINE salts	750				

Group	2,4-D form	Conc (g/L)	Active 2	Conc (g/L)	Active 3	Conc (g/L)
10	DIMETHYLAMINE/DIETHANOLAMINE salts	475				
11	DIETHANOLAMINE salt	500				
12	CHOLINE salt	500				
13	form not specified	300				
14	SODIUM salt	700				
14b	SODIUM salt	800				
15	SODIUM salt	22.8				
15b	DIMETHYLAMINE salt	100				
16	DIMETHYLAMINE/DIETHANOLAMINE salts	80	Mecoprop	336	Dicamba	40
16b	DIETHANOLAMINE salt	350	Clopyralid	45	Dicamba	45
17	ETHYLHEXYL ESTER	577	loxynil	100		
18	ETHYLHEXYL ESTER	600				
19	ETHYLHEXYL ESTER	680				
19b	ETHYLHEXYL ESTER	445				
20	ETHYLHEXYL ESTER	421	Pyraflufen-ethyl	2.1		
20b	ETHYLHEXYL ESTER	300	Florasulam	6.25		
21	ETHYL ESTER OR IOSBUTYL ESTER	800				

THIS IS A PHENOXY HERBICIDE THAT CAN CAUSE SEVERE DAMAGE TO NATIVE VEGETATION AND SUSCEPTIBLE CROPS SUCH AS COTTON, GRAPES, TOMATOES, OILSEED CROPS AND ORNAMENTALS.

RESTRAINTS

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone tables below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply unless the wind speed is between 3 and 15 kilometres per hour at the application site during the time of application.

DO NOT apply if there are surface temperature inversion conditions present at the application site during the time of application. These conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise

Recognising a surface temperature inversion

A surface temperature inversion is likely to be present if:

- mist, fog, dew or a frost have occurred
- smoke or dust hangs in the air and moves sideways, just above the ground surface
- cumulus clouds that have built up during the day collapse towards evening
- wind speed is constantly less than 11 km/hr in the evening and overnight
- cool off-slope breezes develop during the evening and overnight
- distant sounds become clearer and easier to hear
- aromas become more distinct during the evening than during the day.

Information from GRDC Fact Sheet: 'Surface Temperature Inversions and Spraying', Jul 2014.

Spray timing

- Spray during the day wherever possible. Vertical mixing of the air makes surface temperature inversions unlikely and will reduce the risk of drift caused by surface temperature inversions.
- There is a very low risk of surface temperature inversion when there is continuous overcast weather, with low and heavy cloud and/or wind speed remains above 11km/h for the whole period between sunset and sunrise.
- A lack of suitable weather conditions for spraying over extended periods is not an excuse for spraying in unsuitable conditions.

DO NOT apply if crop or weeds are stressed due to dry or excessively moist conditions.

DO NOT apply with spray droplets smaller than VERY COARSE spray droplets according to the ASAE S572.1 definition for standard nozzles.

DO NOT use if rain is likely within 6 hours.

Monitoring and record keeping

Users of this product **MUST** make an accurate written record of the details of each spray application within 24 hours following application and **KEEP** this record for a minimum of 2 years. The spray application details that must be recorded are: 1- date of use with start and finish times of application; 2- the specific location which must include address and paddock/s sprayed; 3- Product trade name (full name) of the product being used; 4- rate of application which must include the amount of product used per hectare and number of hectares applied to; 5- situation, crop or commodity to which the chemical was applied; 6- wind speed and direction during application; 7- air temperature and relative humidity during application; 8- nozzle brand, model, size, type, and spray system pressure measured during application; 9- height of spray boom from ground ; 10- name and contact details of person applying this product (Additional record keeping and/or details may be required by the state or territory where this product is used).

Watch for changes in weather conditions. Stop spraying immediately if a surface temperature inversion occurs or if spraying conditions become unsuitable for any other reason.

ADVISORY FOR BOOM SPRAYER USE IN CEREALS, FALLOW AND PASTURE 1ST OCTOBER TO 15 APRIL

USE IN CEREALS, FALLOW AND PASTURES DURING THE PERIOD **3rd OCTOBER TO 15TH APRIL**, IT IS ADVISED TO:-

USE NOZZLES THAT PRODUCE **EXTREMELY COARSE (XC) TO ULTRA COARSE (UC) DROPLETS**.

USE HIGHER WATER RATES PER HA, TO GIVE BETTER EFFICACY.

USE SLOWER APPLICATION SPEEDS TO ALLOW OPERATORS TO LOWER BOOM HEIGHTS.

INCREASING DROPLET SIZE AND WATER RATES WHILE REDUCING APPLICATION SPEED WILL ASSIST IN MITIGATING OFF TARGET INVERSION DRIFT DURING SUMMER SPRAYING. EXTREMELY COARSE DROPLETS WILL PRODUCE <3% DRIFTABLE DROPLETS.

Division 3 – Group-specific instructions applicable to a relevant 2,4-D product

The instructions in this Division apply as a condition of use for a relevant 2,4-D product if it is a member of a group mentioned in the title of a table in this Division.

Note: The Group of which a relevant 2,4-D product is a member is set out in column 4 of the table at Part 3 of this notice.

BOOM SPRAYERS (ground application)

DO NOT apply by a boom sprayer unless the following requirements are met:

- spray droplets not smaller than a VERY COARSE (VC) spray droplet size category (minimum XC between 3 October and 15 April - advisory)
- boom heights 0.5 metres or lower above the target canopy (The higher of either the crop canopy or the targeted weeds)
- minimum distances between the application site and downwind sensitive aquatic and wetland areas including aquacultural ponds, surface streams and rivers (see Aquatic 'Downwind mandatory no-spray zone' section of the following table titled 'Buffer zones for boom sprayers') are observed.
- minimum distances between the application site and downwind sensitive crops, gardens, landscaping vegetation, protected native vegetation or protected animal habitat (see Terrestrial 'Downwind mandatory no-spray zone' section of the following table titled 'Buffer zones for boom sprayers') are observed. The buffer zones provide guidance but may not always be completely protective of all agricultural crops.

BUFFER ZONES FOR BOOM SPRAYERS:

Group 2 (300 g 2,4-D/L as the IPA salt):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 2.5 L (750 g ae/ha)	10 metres	10 metres
Up to 2.9 L (880 g ae/ha)	15 metres	15 metres
Up to 3.5 L (1080 g ae/ha)	20 metres	20 metres
Tropical & subtropical uses: Sugarcane		
Up to 3.5 L (1080 g ae/ha)	20 metres	20 metres
Up to 7.3 L (2220 g ae/ha)	35 metres	30 metres
Tropical & subtropical uses: Peanuts		
Up to 7.5 L (2250 g ae/ha)	35 metres	30 metres
Pasture		
Up to 6.6 L (2000 g ae/ha)	30 metres	30 metres
Up to 9.1 L (2750 g ae/ha)	40 metres	35 metres

Group 3 (450 g 2,4-D/L as the IPA salt):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 1.7 L (750 g ae/ha)	10 metres	10 metres
Up to 1.9 L (880 g ae/ha)	15 metres	15 metres
Up to 2.3 L (1080 g ae/ha)	20 metres	20 metres
Tropical & subtropical uses: Sugarcane		
Up to 2.4 L (1080 g ae/ha)	20 metres	20 metres
Up to 4.9 L (2220 g ae/ha)	35 metres	30 metres
Tropical & subtropical uses: Peanuts		
Up to 5 L (2250 g ae/ha)	35 metres	30 metres
Pasture		
Up to 4.4 L (2000 g ae/ha)	30 metres	30 metres
Up to 6.1 L (2750 g ae/ha)	40 metres	35 metres

Group 4 (300 g 2,4-D + 75 g Picloram/L as the Triisopropanolamine salt):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 1.1 L (325 g ae/ha)	0 metres	0 metres
Dryland cropping: summer cereals		
Up to 500 mL + 280 mL 24D Amine 625 (325 g ae/ha)	0 metres	0 metres
Tropical & subtropical uses: Sugarcane		
Up to 0.7 L + 1 L 24D Amine 500 (710 g ae/ha)	10 metres	10 metres
Up to 1.5 L + 1 L 24D Amine 500 (950 g ae/ha)	15 metres	15 metres
Up to 2.4 L (1080 g ae/ha)	20 metres	20 metres
Pasture		
Up to 15 L (4500 g ae/ha)	70 metres	65 metres

Group 5 (500 g 2,4-D/L as the DMA salt):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 1.5 L (750 g ae/ha)	10 metres	10 metres
Up to 1.7 L (880 g ae/ha)	15 metres	15 metres
Up to 2.1 (1080 g ae/ha)	20 metres	20 metres
Dryland cropping: summer cereals		
Up to 1.2 L (560 g ae/ha)	5 metres	0 metres
Tropical & subtropical uses: Sugarcane		
Up to 2.2 L (1080 g ae/ha)	20 metres	20 metres
Up to 4.4 L (2220 g ae/ha)	35 metres	30 metres
Tropical & subtropical uses: Peanuts		
Up to 4.5 L (2250 g ae/ha)		
Pasture		
Up to 4.0 L (2000 g ae/ha)	30 metres	30 metres
Up to 5.5 L (2750 g ae/ha)	40 metres	35 metres
Up to 6.6 L (3300 g ae/ha)	45 metres	45 metres

Group 6 (625 g 2,4-D/L as the DMA salt):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 1.2 L (750 g ae/ha)	10 metres	10 metres
Up to 1.4 L (880 g ae/ha)	15 metres	15 metres
Up to 1.7 L (1080 g ae/ha)	20 metres	20 metres
Dryland cropping: summer cereals		
Up to 0.9 L (560 g ae/ha)	5 metres	0 metres
Tropical & subtropical uses: Sugarcane		
Up to 1.7 L (1080 g ae/ha)	20 metres	20 metres
Up to 3.5 L (2220 g ae/ha)	35 metres	30 metres
Tropical & subtropical uses: Peanuts		
Up to 3.6 L (2250 g ae/ha)	35 metres	30 metres
Pasture		
Up to 3.2 L (2000 g ae/ha)	30 metres	30 metres
Up to 4.4 L (2750 g ae/ha)	40 metres	35 metres
Up to 5.3 L (3300 g ae/ha)	45 metres	45 metres

Group 7 (800 g 2,4-D/kg as the DMA salt):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 0.9 kg (750 g ae/ha)	10 metres	10 metres
Up to 1.1 kg (880 g ae/ha)	15 metres	15 metres
Up to 1.3 kg (1080 g ae/ha)	20 metres	20 metres
Dryland cropping: summer cereals		
Up to 0.7 kg (560 g ae/ha)	5 metres	0 metres
Tropical & subtropical uses: Sugarcane		
Up to 1.4 kg (1080 g ae/ha)	20 metres	20 metres
Up to 2.8 kg (2220 g ae/ha)	35 metres	30 metres
Tropical & subtropical uses: Peanuts		
Up to 1.4 kg (1080 g ae/ha)	20 metres	20 metres
Up to 2.8 kg (2220 g ae/ha)	35 metres	30 metres
Pasture		
Up to 2.5 kg (2000 g ae/ha)	30 metres	30 metres
Up to 3.4 kg (2750 g ae/ha)	40 metres	35 metres

Group 8 (720 g 2,4-D/L as the DMA salt):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 1.1 L (750 g ae/ha)	10 metres	10 metres
Up to 1.2 L (880 g ae/ha)	15 metres	15 metres
Up to 1.5 L (1080 g ae/ha)	20 metres	20 metres
Dryland cropping: summer cereals		
Up to 0.8 (560 g ae/ha)	5 metres	0 metres
Tropical & subtropical uses: Sugarcane		
Up to 1.5 L (1080 g ae/ha)	20 metres	20 metres
Up to 3.0 L (2220 g ae/ha)	35 metres	30 metres
Tropical & subtropical uses: Peanuts		
Up to 3.2 L (2250 g ae/ha)	35 metres	30 metres
Pasture		
Up to 2.8 L (2000 g ae/ha)	30 metres	30 metres
Up to 3.8 L (2750 g ae/ha)	40 metres	35 metres
Up to 4.6 L (3300 g ae/ha)	45 metres	45 metres

Group 8b (700 g 2,4-D/L as the DMA/ Monomethylamine salt):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 1.0 L (700 g ae/ha)	10 metres	10 metres
Up to 1.2 L (880 g ae/ha)	10 metres	10 metres
Up to 1.5 L (1050 g ae/ha)	20 metres	20 metres
Dryland cropping: summer cereals		
Up to 1.0 (700 g ae/ha)	10 metres	10 metres
Tropical & subtropical uses: Sugarcane		
Up to 1.5 L (1050 g ae/ha)	20 metres	20 metres
Up to 3.1 L (2170 g ae/ha)	30 metres	30 metres
Pasture		
Up to 2.8 L (2000 g ae/ha)	30 metres	30 metres
Up to 3.8 L (2750 g ae/ha)	35 metres	35 metres
Up to 4.6 L (3300 g ae/ha)	45 metres	40 metres

Group 9 (625 g 2,4-D/L as the DMA/DEA salts):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 1.2 L (750 g ae/ha)	10 metres	10 metres
Up to 1.4 L (880 g ae/ha)	15 metres	15 metres
Up to 1.7 L (1080 g ae/ha)	20 metres	20 metres
Dryland cropping: summer cereals		
Up to 0.9 L (560 g ae/ha)	5 metres	0 metres
Tropical & subtropical uses: Sugarcane		
Up to 1.8 L (1080 g ae/ha)	20 metres	20 metres
Up to 3.5 L (2220 g ae/ha)	35 metres	30 metres
Tropical & subtropical uses: Peanuts		
Up to 3.6 L (2250 g ae/ha)	35 metres	30 metres
Pasture		
Up to 3.2 L (2000 g ae/ha)	30 metres	30 metres
Up to 4.4 L (2750 g ae/ha)	40 metres	35 metres
Up to 5.3 L (3300 g ae/ha)	45 metres	45 metres

Group 10 (475 g 2,4-D/L as the DMA/DEA salts):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 1.6 L (750 g ae/ha)	10 metres	10 metres
Tropical & subtropical uses: Sugar cane		
Up to 2.3 L (1100 g ae/ha)	20 metres	20 metres
Up to 4.6 L (2200 g ae/ha)	35 metres	30 metres
Tropical & subtropical uses: Peanuts		
Up to 2.3 L (1100 g ae/ha)	20 metres	20 metres
Up to 4.75 L (2250 g ae/ha)	35 metres	30 metres
Pasture		
Up to 5.7 L (2710 g ae/ha)	40 metres	35 metres

Group 11 (500 g 2,4-D/L as the DEA salt):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 1.5 L (750 g ae/ha)	10 metres	10 metres
Up to 1.7 L (880 g ae/ha)	15 metres	15 metres
Up to 2.1 L (1080 g ae/ha)	20 metres	20 metres
Dryland cropping: summer cereals		
Up to 1.2 L (560 g ae/ha)	5 metres	0 metres
Tropical & subtropical uses: Sugarcane		
Up to 2.0 L (1080 g ae/ha)	20 metres	20 metres
Up to 4.4 L (2220 g ae/ha)	35 metres	30 metres
Tropical & subtropical uses: Peanuts		
Up to 4.5 L (2250 g ae/ha)	35 metres	30 metres
Pasture		
Up to 4.0 L (2000 g ae/ha)	30 metres	30 metres
Up to 5.5 L (2750 g ae/ha)	40 metres	35 metres

Group 13 (300 g 2,4-D/L, form not specified):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Pasture		
Up to 10 L (3000 g ae/ha)	40 metres	40 metres

Group 14a (700 g 2,4-D/kg as the Sodium salt):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 1.1 kg (750 g ae/ha)	10 metres	10 metres
Up to 1.6 kg (1120 g ae/ha)	20 metres	20 metres
Tropical & subtropical uses: Sugarcane		
Up to 5.2 kg (3640 g ae/ha)	50 metres	50 metres
Pasture		
Up to 2.7 kg (1890 g ae/ha)	30 metres	30 metres

Group 14b (800 g 2,4-D/kg as the Sodium salt):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 1.4 kg (1120 g ae/ha)	20 metres	20 metres
Tropical & subtropical uses: Sugarcane		
Up to 4.5 kg (3640 g ae/ha)	50 metres	50 metres
Pasture		
Up to 1.4 kg (1120 g ae/ha)	20 metres	20 metres

Group 16a (80 g 2,4-D/L as the DMA/DEA salts + 336 g/L Mecoprop + 40 g/L Dicamba):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Turf		
Up to 25 mL/10 L (336 g ae/ha)	0 metres	0 metres

Group 16b (350 g 2,4-D/L as the DEA salt + 45 g/L Clopyralid + 45 g/L Dicamba):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Turf		
Up to 4.5 L/10 L (1575 g ae/ha)	25 metres	25 metres

Group 17 (577 g 2,4-D + 100 g loxynil/L as EHE):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Tropical & subtropical uses: Sugarcane		
Up to 0.75 L (433 g ae/ha)	0 metres	10 metres
Up to 2.0 L (1150 g ae/ha)	20 metres	30 metres

Group 18 (600 g 2,4-D/L as EHE):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 260 mL (155 g ae/ha)	0 metres	0 metres
Up to 930 mL (560 g ae/ha)	5 metres	15 metres
Dryland cropping: Preparatory spray and harvest aid application		
Up to 1.9 L (1140 g ae/ha)	20 metres	30 metres
Tropical & subtropical uses: Sugarcane		
Up to 2.7 L (1620 g ae/ha)	30 metres	40 metres
Pasture		
Up to 5.3 L (3180 g ae/ha)	45 metres	95 metres
Up to 7.5 L (4500 g ae/ha)	70 metres	160 metres
Horticultural, non-orchard uses: Potatoes		
Up to 1.3 L (780 g ae/ha)	10 metres	25 metres
Up to 2.7 L (1620 g ae/ha)	30 metres	40 metres

Group 19 (680 g 2,4-D/L as EHE):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 230 mL (155 g ae/ha)	0 metres	0 metres
Up to 820 mL (560 g ae/ha)	5 metres	15 metres
Dryland cropping: Preparatory spray and harvest aid application		
Up to 1.7 L (1140 g ae/ha)	20 metres	30 metres
Tropical & subtropical uses: Sugarcane		
Up to 2.4 L (1620 g ae/ha)	30 metres	40 metres
Pasture		
Up to 4.7 L (3180 g ae/ha)	45 metres	95 metres
Up to 6.6 L (4488 g ae/ha)	70 metres	160 metres
Horticultural, non-orchard uses: Potatoes		
Up to 1.15 L (780 g ae/ha)	10 metres	25 metres
Up to 2.4 L (1620 g ae/ha)	30 metres	40 metres

Group 20a (421 g 2,4-D/L as EHE):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 250 mL (105 g ae/ha)	0 metres	0 metres
Up to 500 mL (210 g ae/ha)	0 metres	0 metres
Up to 900 mL (380 g ae/ha)	0 metres	5 metres

Group 20b (300 g 2,4-D/L as EHE; 6.25 g/L Florasulam):

Application rate (/ha)	Downwind mandatory no spray zone	
	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows		
Up to 820 mL (250 g ae/ha)	10 metres	60 metres

AERIAL APPLICATION

DO NOT apply by aerial application unless the following requirements are met:

- spray droplets not smaller than a VERY COARSE (VC) spray droplet size category.
- release heights 5 metres or lower above the target canopy
- minimum distances between the application site and downwind sensitive aquatic and wetland areas including aquacultural ponds, surface streams and rivers (see Aquatic 'Downwind mandatory no-spray zone' section of the following table titled 'Buffer zones for aircraft') are observed.
- minimum distances between the application site and downwind sensitive crops, gardens, landscaping vegetation, protected native vegetation or protected animal habitat (see Terrestrial 'Downwind mandatory no-spray zone' section of the following table titled 'Buffer zones for aircraft') are observed. The buffer zones provide guidance but may not always be completely protective of all agricultural crops.

BUFFER ZONES FOR AIRCRAFT: 3 metre release height or lower above the target canopy

Group 2 (300 g 2,4-D/L as the IPA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 2.5 L (750 g ae/ha)	75 metres	70 metres	70 metres	70 metres
Up to 2.9 L (880 g ae/ha)	80 metres	80 metres	75 metres	75 metres
Up to 3.5 L (1080 g ae/ha)	95 metres	90 metres	90 metres	85 metres
Tropical & subtropical uses: Sugarcane				
Up to 7.3 L (2220 g ae/ha)	180 metres	170 metres	150 metres	140 metres
Tropical & subtropical uses: Peanuts				
Up to 7.5 L (2250 g ae/ha)	180 metres	170 metres	150 metres	140 metres

Group 3 (450 g 2,4-D/L as the IPA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.7 L (750 g ae/ha)	75 metres	70 metres	70 metres	70 metres
Up to 1.9 L (880 g ae/ha)	80 metres	80 metres	75 metres	75 metres
Up to 2.3 L (1080 g ae/ha)	95 metres	90 metres	90 metres	85 metres
Tropical & subtropical uses: Sugarcane				
Up to 4.9 L (2220 g ae/ha)	180 metres	170 metres	150 metres	140 metres
Tropical & subtropical uses: Peanuts				
Up to 5 L (2250 g ae/ha)	180 metres	170 metres	150 metres	140 metres

Group 4 (300 g 2,4-D + 75 g Picloram/L as the Triisopropanolamine salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.0 L (325 g ae/ha)	40 metres	40 metres	40 metres	40 metres
Dryland cropping: summer cereals				
Up to 500 mL + 280 mL 24D Amine 625 (325 g ae/ha)	40 metres	40 metres	40 metres	40 metres
Tropical & subtropical uses: Sugarcane				
Up to 0.7 L + 1.0 L 2,4-D 500 g/L (710 g ae/ha)	70 metres	70 metres	70 metres	65 metres
Up to 1.5 L + 1.0 L 2,4-D 500 g/L (950 g ae/ha)	85 metres	85 metres	80 metres	80 metres

Group 5 (500 g 2,4-D/L as the DMA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.5 L (750 g ae/ha)	75 metres	70 metres	70 metres	70 metres
Up to 1.7 L (880 g ae/ha)	80 metres	80 metres	75 metres	75 metres
Up to 2.1 L (1080 g ae/ha)	95 metres	90 metres	90 metres	85 metres
Dryland cropping: summer cereals				
Up to 1.12 L (560 g ae/ha)	60 metres	60 metres	60 metres	55 metres
Tropical & subtropical uses: Sugarcane				
Up to 4.4 L (2220 g ae/ha)	180 metres	170 metres	150 metres	140 metres
Tropical & subtropical uses: Peanuts				
Up to 4.5 L (2250 g ae/ha)	180 metres	170 metres	150 metres	140 metres

Group 6 (625 g 2,4-D/L as the DMA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.2 L (750 g ae/ha)	75 metres	70 metres	70 metres	70 metres
Up to 1.4 L (880 g ae/ha)	80 metres	80 metres	75 metres	75 metres
Up to 1.7 L (1080 g ae/ha)	95 metres	90 metres	90 metres	85 metres
Dryland cropping: summer cereals				
Up to 0.9 L (560 g ae/ha)	60 metres	60 metres	60 metres	55 metres
Tropical & subtropical uses: Sugarcane				
Up to 3.5 L (2220 g ae/ha)	180 metres	170 metres	150 metres	140 metres
Tropical & subtropical uses: Peanuts				
Up to 3.6 L (2250 g ae/ha)	180 metres	170 metres	150 metres	140 metres

Group 7 (800 g 2,4-D/L as the DMA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 0.9 kg (750 g ae/ha)	75 metres	70 metres	70 metres	70 metres
Up to 1.1 kg (880 g ae/ha)	80 metres	80 metres	75 metres	75 metres
Up to 1.3 kg (1080 g ae/ha)	95 metres	90 metres	90 metres	85 metres
Dryland cropping: summer cereals				
Up to 0.7 kg (560 g ae/ha)	60 metres	60 metres	60 metres	55 metres
Tropical & subtropical uses: Sugarcane				
Up to 2.8 kg (2220 g ae/ha)	180 metres	170 metres	150 metres	140 metres
Tropical & subtropical uses: Peanuts				
Up to 2.8 kg (2220 g ae/ha)	180 metres	170 metres	150 metres	140 metres

Group 8 (720 g 2,4-D/L as the DMA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.0 L (750 g ae/ha)	75 metres	70 metres	70 metres	70 metres
Up to 1.2 L (880 g ae/ha)	80 metres	80 metres	75 metres	75 metres
Up to 1.5 L (1080 g ae/ha)	95 metres	90 metres	90 metres	85 metres
Dryland cropping: summer cereals				
Up to 0.78 L (560 g ae/ha)	60 metres	60 metres	60 metres	55 metres
Tropical & subtropical uses: Sugarcane				
Up to 3 L (2160 g ae/ha)	180 metres	170 metres	150 metres	140 metres
Tropical & subtropical uses: Peanuts				
Up to 3.1 L (2220 g ae/ha)	180 metres	170 metres	150 metres	140 metres

Group 8b (700 g 2,4-D/L as the DMA/(DEA or MMA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.0 L (700 g ae/ha)	70 metres	70 metres	65 metres	65 metres
Up to 1.2 L (880 g ae/ha)	80 metres	80 metres	75 metres	75 metres
Up to 1.5 L (1050 g ae/ha)	95 metres	90 metres	85 metres	85 metres
Dryland cropping: summer cereals				
Up to 1.0 L (700 g ae/ha)	70 metres	70 metres	65 metres	65 metres
Tropical & subtropical uses: Sugarcane				
Up to 3.1 L (2170 g ae/ha)	170 metres	160 metres	150 metres	140 metres
Tropical & subtropical uses: Peanuts				
Up to 3.2 L (2240 g ae/ha)	170 metres	160 metres	150 metres	150 metres

Group 9 (625 g 2,4-D/L as the DMA/DEA salts):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.2 L (750 g ae/ha)	75 metres	70 metres	70 metres	70 metres
Up to 1.4 L (880 g ae/ha)	80 metres	80 metres	75 metres	75 metres
Up to 1.7 L (1080 g ae/ha)	95 metres	90 metres	90 metres	85 metres
Dryland cropping: summer cereals				
Up to 0.9 L (560 g ae/ha)	60 metres	60 metres	60 metres	55 metres
Tropical & subtropical uses: Sugarcane				
Up to 3.5 L (2220 g ae/ha)	180 metres	170 metres	150 metres	140 metres
Tropical & subtropical uses: Peanuts				
Up to 3.5 L (2220 g ae/ha)	180 metres	170 metres	150 metres	140 metres

Group 10 (475 g 2,4-D/L as the DMA/DEA salts):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.6 L (750 g ae/ha)	75 metres	70 metres	70 metres	70 metres
Tropical & subtropical uses: Sugar cane				
Up to 4.6 L (2200 g ae/ha)	180 metres	170 metres	150 metres	140 metres
Tropical & subtropical uses: Peanuts				
Up to 4.75 L (2250 g ae/ha)	180 metres	170 metres	150 metres	140 metres

Group 11 (500 g 2,4-D/L as the DEA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.5 L (750 g ae/ha)	75 metres	70 metres	70 metres	70 metres
Up to 1.7 L (880 g ae/ha)	80 metres	80 metres	75 metres	75 metres
Up to 2.1 L (1080 g ae/ha)	95 metres	90 metres	90 metres	85 metres
Dryland cropping: summer cereals				
Up to 1.12 L (560 g ae/ha)	60 metres	60 metres	60 metres	55 metres
Tropical & subtropical uses: Sugarcane				
Up to 4.4 L (2220 g ae/ha)	180 metres	170 metres	150 metres	140 metres
Tropical & subtropical uses: Peanuts				
Up to 4.5 L (2250 g ae/ha)	180 metres	170 metres	150 metres	140 metres

Group 13 (300 g 2,4-D/L, form not specified): covered by Group 2 buffer zones.

Group 14a (700 g 2,4-D/kg as the Sodium salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.1 kg (750 g ae/ha)	75 metres	70 metres	70 metres	70 metres
Up to 1.25 kg (880 g ae/ha)	80 metres	80 metres	75 metres	75 metres
Up to 1.6 kg (1120 g ae/ha)	95 metres	95 metres	90 metres	85 metres
Tropical & subtropical uses: Sugarcane				
Up to 5.2 kg (3640 g ae/ha)	375 metres	350 metres	250 metres	220 metres

Group 14b (800 g 2,4-D/kg as the Sodium salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.4 kg (1120 g ae/ha)	95 metres	95 metres	90 metres	85 metres
Tropical & subtropical uses: Sugarcane				
Up to 4.5 kg (3600 g ae/ha)	375 metres	350 metres	250 metres	220 metres

Group 17 (577 g 2,4-D + 100 g Ioxynil/L as EHE): no registered aerial uses in dryland winter or summer cereals. Registered for aerial application in sugarcane.

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Tropical & subtropical uses: Sugarcane:				
Up to 2.0 L (1150 g ae/ha)	100	150	90	140

Group 18 (600 g 2,4-D/L as EHE):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 0.25 L (155 g ae/ha)	20 metres	35 metres	25 metres	35 metres
Up to 0.9 L (560 g ae/ha)	60 metres	90 metres	60 metres	80 metres
Dryland cropping: Preparatory spray and harvest aid application				
Up to 1.9 L (1140 g ae/ha)	100 metres	150 metres	90 metres	140 metres
Tropical & subtropical uses: Sugarcane				
Up to 1.3 L (780 g ae/ha)	75 metres	110 metres	70 metres	100 metres
Up to 2.7 L (1620 g ae/ha)	130 metres	250 metres	120 metres	180 metres

Group 19 (680 g 2,4-D/L as EHE):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 0.23 L (155 g ae/ha)	20 metres	35 metres	25 metres	35 metres
Up to 0.8 L (560 g ae/ha)	60 metres	90 metres	60 metres	80 metres
Dryland cropping: Preparatory spray and harvest aid application				
Up to 1.7 L (1140 g ae/ha)	100 metres	150 metres	90 metres	140 metres
Tropical & subtropical uses: Sugarcane				
Up to 1.15 L (780 g ae/ha)	75 metres	110 metres	70 metres	100 metres
Up to 2.4 L (1620 g ae/ha)	130 metres	250 metres	120 metres	180 metres

Group 20 (421 g 2,4-D/L as EHE):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 250 mL (105 g ae/ha)	10 metres	20 metres	20 metres	30 metres
Up to 500 mL (210 g ae/ha)	25 metres	45 metres	30 metres	45 metres
Up to 900 mL (380 g ae/ha)	45 metres	65 metres	45 metres	65 metres

BUFFER ZONES FOR AIRCRAFT: 5 metre release height or lower above the target canopy

Group 2 (300 g 2,4-D/L as the IPA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 2.5 L (750 g ae/ha)	130 metres	130 metres	120 metres	110 metres
Up to 2.9 L (880 g ae/ha)	150 metres	150 metres	130 metres	120 metres
Up to 3.5 L (1080 g ae/ha)	180 metres	170 metres	140 metres	140 metres
Tropical & subtropical uses: Sugarcane				
Up to 7.3 L (2220 g ae/ha)	450 metres	400 metres	250 metres	225 metres
Tropical & subtropical uses: Peanuts				
Up to 7.5 L (2250 g ae/ha)	450 metres	400 metres	250 metres	225 metres

Group 3 (450 g 2,4-D/L as the IPA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.7 L (750 g ae/ha)	130 metres	130 metres	120 metres	110 metres
Up to 1.9 L (880 g ae/ha)	150 metres	150 metres	130 metres	120 metres
Up to 2.3 L (1080 g ae/ha)	180 metres	170 metres	140 metres	140 metres
Tropical & subtropical uses: Sugarcane				
Up to 4.9 L (2220 g ae/ha)	425 metres	400 metres	250 metres	225 metres
Tropical & subtropical uses: Peanuts				
Up to 5 L (2250 g ae/ha)	425 metres	400 metres	250 metres	225 metres

Group 4 (300 g 2,4-D + 75 g Picloram/L as the Triisopropanolamine salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.0 L (325 g ae/ha)	75 metres	70 metres	75 metres	70 metres
Dryland cropping: summer cereals				
Up to 500 mL + 280 mL 24D Amine 625 (325 g ae/ha)	75 metres	70 metres	75 metres	70 metres
Tropical & subtropical uses: Sugarcane				
Up to 0.7 L + 1.0 L 2,4-D 500 g/L (710 g ae/ha)	130 metres	120 metres	110 metres	110 metres
Up to 1.5 L + 1.0 L 2,4-D 500 g/L (950 g ae/ha)	190 metres	350 metres	150 metres	220 metres

Group 5 (500 g 2,4-D/L as the DMA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.5 L (750 g ae/ha)	130 metres	130 metres	120 metres	110 metres
Up to 1.7 L (880 g ae/ha)	150 metres	150 metres	130 metres	120 metres
Up to 2.1 L (1080 g ae/ha)	180 metres	170 metres	140 metres	140 metres
Dryland cropping: summer cereals				
Up to 1.12 L (560 g ae/ha)	110 metres	110 metres	100 metres	95 metres
Tropical & subtropical uses: Sugarcane				
Up to 4.4 L (2220 g ae/ha)	425 metres	400 metres	250 metres	225 metres
Tropical & subtropical uses: Peanuts				
Up to 4.5 L (2250 g ae/ha)	425 metres	400 metres	250 metres	225 metres

Group 6 (625 g 2,4-D/L as the DMA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.2 L (750 g ae/ha)	130 metres	130 metres	120 metres	110 metres
Up to 1.4 L (880 g ae/ha)	150 metres	150 metres	130 metres	120 metres
Up to 1.7 L (1080 g ae/ha)	180 metres	170 metres	140 metres	140 metres
Dryland cropping: summer cereals				
Up to 0.9 L (560 g ae/ha)	110 metres	110 metres	100 metres	95 metres
Tropical & subtropical uses: Sugarcane				
Up to 3.5 L (2220 g ae/ha)	425 metres	400 metres	250 metres	225 metres
Tropical & subtropical uses: Peanuts				
Up to 3.6 L (2250 g ae/ha)	425 metres	400 metres	250 metres	225 metres

Group 7 (800 g 2,4-D/L as the DMA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 0.9 kg (750 g ae/ha)	130 metres	130 metres	120 metres	110 metres
Up to 1.1 kg (880 g ae/ha)	150 metres	150 metres	130 metres	120 metres
Up to 1.3 kg (1080 g ae/ha)	180 metres	170 metres	140 metres	140 metres
Dryland cropping: summer cereals				
Up to 0.7 kg (560 g ae/ha)	110 metres	110 metres	100 metres	95 metres
Tropical & subtropical uses: Sugarcane				
Up to 2.8 kg (2220 g ae/ha)	425 metres	400 metres	250 metres	225 metres
Tropical & subtropical uses: Peanuts				
Up to 2.8 kg (2220 g ae/ha)	425 metres	400 metres	250 metres	225 metres

Group 8 (720 g 2,4-D/L as the DMA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.0 L (750 g ae/ha)	130 metres	130 metres	120 metres	110 metres
Up to 1.2 L (880 g ae/ha)	150 metres	150 metres	130 metres	120 metres
Up to 1.5 L (1080 g ae/ha)	180 metres	170 metres	140 metres	140 metres
Dryland cropping: summer cereals				
Up to 0.78 L (560 g ae/ha)	110 metres	110 metres	100 metres	95 metres
Tropical & subtropical uses: Sugarcane				
Up to 3 L (2160 g ae/ha)	425 metres	400 metres	250 metres	225 metres
Tropical & subtropical uses: Peanuts				
Up to 3.1 L (2220 g ae/ha)	425 metres	400 metres	250 metres	225 metres

Group 8b (700 g 2,4-D/L as the DMA/ (DEA or MMA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.0 L (700 g ae/ha)	130 metres	120 metres	110 metres	110 metres
Up to 1.2 L (880 g ae/ha)	150 metres	150 metres	130 metres	120 metres
Up to 1.5 L (1050 g ae/ha)	180 metres	170 metres	140 metres	140 metres
Dryland cropping: summer cereals				
Up to 1.0 L (700 g ae/ha)	130 metres	120 metres	110 metres	110 metres
Tropical & subtropical uses: Sugarcane				
Up to 3.1 L (2170 g ae/ha)	400 metres	375 metres	250 metres	220 metres
Tropical & subtropical uses: Peanuts				
Up to 3.2 L (2240 g ae/ha)	425 metres	400 metres	250 metres	250 metres

Group 9 (625 g 2,4-D/L as the DMA/DEA salts):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.2 L (750 g ae/ha)	130 metres	130 metres	120 metres	110 metres
Up to 1.4 L (880 g ae/ha)	150 metres	150 metres	130 metres	120 metres
Up to 1.7 L (1080 g ae/ha)	180 metres	170 metres	140 metres	140 metres
Dryland cropping: summer cereals				
Up to 0.9 L (560 g ae/ha)	110 metres	110 metres	100 metres	95 metres
Tropical & subtropical uses: Sugarcane				
Up to 3.5 L (2220 g ae/ha)	450 metres	400 metres	250 metres	225 metres
Tropical & subtropical uses: Peanuts				
Up to 3.5 L (2220 g ae/ha)	450 metres	400 metres	250 metres	200 metres

Group 10 (475 g 2,4-D/L as the DMA/DEA salts):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.6 L (750 g ae/ha)	130 metres	130 metres	120 metres	110 metres
Tropical & subtropical uses: Sugar cane				
Up to 4.6 L (2200 g ae/ha)	450 metres	400 metres	250 metres	225 metres
Tropical & subtropical uses: Peanuts				
Up to 4.75 L (2250 g ae/ha)	450 metres	400 metres	250 metres	225 metres

Group 11 (500 g 2,4-D/L as the DEA salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.5 L (750 g ae/ha)	130 metres	130 metres	120 metres	110 metres
Up to 1.7 L (880 g ae/ha)	150 metres	150 metres	130 metres	120 metres
Up to 2.1 L (1080 g ae/ha)	180 metres	170 metres	140 metres	140 metres
Dryland cropping: summer cereals				
Up to 1.12 L (560 g ae/ha)	110 metres	110 metres	100 metres	95 metres
Tropical & subtropical uses: Sugarcane				
Up to 4.4 L (2220 g ae/ha)	450 metres	400 metres	250 metres	225 metres
Tropical & subtropical uses: Peanuts				
Up to 4.5 L (2250 g ae/ha)	450 metres	400 metres	250 metres	225 metres

Group 13 (300 g 2,4-D/L, form not specified): covered by Group 2 buffer zones.Group 14a (700 g 2,4-D/kg as the Sodium salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.1 kg (750 g ae/ha)	130 metres	130 metres	120 metres	110 metres
Up to 1.25 kg (880 g ae/ha)	150 metres	150 metres	130 metres	120 metres
Up to 1.6 kg (1120 g ae/ha)	190 metres	180 metres	150 metres	140 metres
Tropical & subtropical uses: Sugarcane				
Up to 5.2 kg (3640 g ae/ha)	750 metres	700 metres	425 metres	400 metres

Group 14b (800 g 2,4-D/kg as the Sodium salt):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 1.4 kg (1120 g ae/ha)	190 metres	180 metres	150 metres	140 metres
Tropical & subtropical uses: Sugarcane				
Up to 4.5 kg (3600 g ae/ha)	750 metres	700 metres	425 metres	400 metres

Group 17 (577 g 2,4-D + 100 g Ioxynil/L as EHE): no registered aerial uses in dryland winter or summer cereals. Registered for aerial application in sugarcane.

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Tropical & subtropical uses: Sugarcane:				
Up to 2.0 L (1150 g ae/ha)	190	350	150	220

Group 18 (600 g 2,4-D/L as EHE):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 0.25 L (155 g ae/ha)	40 metres	65 metres	50 metres	65 metres
Up to 0.9 L (560 g ae/ha)	110 metres	160 metres	95 metres	130 metres
Dryland cropping: Preparatory spray and harvest aid application				
Up to 1.9 L (1140 g ae/ha)	190 metres	350 metres	150 metres	210 metres
Tropical & subtropical uses: Sugarcane				
Up to 1.3 L (780 g ae/ha)	140 metres	220 metres	120 metres	160 metres
Up to 2.7 L (1620 g ae/ha)	300 metres	550 metres	190 metres	300 metres

Group 19 (680 g 2,4-D/L as EHE):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 0.23 L (155 g ae/ha)	40 metres	65 metres	50 metres	65 metres
Up to 0.8 L (560 g ae/ha)	110 metres	160 metres	95 metres	130 metres
Dryland cropping: Preparatory spray and harvest aid application				
Up to 1.7 L (1140 g ae/ha)	190 metres	350 metres	150 metres	210 metres
Tropical & subtropical uses: Sugarcane				
Up to 1.15 L (780 g ae/ha)	140 metres	220 metres	120 metres	160 metres
Up to 2.4 L (1620 g ae/ha)	300 metres	550 metres	190 metres	300 metres

Group 20a (421 g 2,4-D/L as EHE):

Application rate (/ha)	Downwind mandatory no spray zone			
	Fixed wing		Helicopter	
	Aquatic	Terrestrial	Aquatic	Terrestrial
Dryland cropping: winter cereals and fallows				
Up to 250 mL (105 g ae/ha)	25 metres	45 metres	40 metres	55 metres
Up to 500 mL (210 g ae/ha)	55 metres	80 metres	55 metres	75 metres
Up to 900 mL (380 g ae/ha)	90 metres	120 metres	80 metres	110 metres

Pasture application by air – 5.0 m release height

Product Groups 1, 12, 15 (orchards), 16 (turf), 17, 20 and 21 do not contain separate pasture uses. For all other groups, rates range from 90 – 9000 g ae/ha. These pasture uses and application rates are highly variable between different product groups. The highest rates for individual product groups that are **supported** are modelled below and the corresponding buffer zones are provided for two wind speed ranges.

NOTE: some rates ARE NOT SUPPORTED for Fixed Wing aircraft and MUST NOT be applied by fixed wing aircraft

Application rate 4500 g ae/ha, VERY COARSE droplet size, Aerial application (Group 4)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	750 metres	475 metres
From 7 to 14 kilometres per hour	Not supported	525 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	725 metres	450 metres
From 7 to 14 kilometres per hour	Not supported	500 metres

Application rate 4500 g ae/ha, VERY COARSE droplet size, Aerial application (Group 18, 19)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	750 metres	475 metres
From 7 to 14 kilometres per hour	Not supported	525 metres

Terrestrial protection (2,4-D ester formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	Not supported	750 metres
From 7 to 14 kilometres per hour	Not supported	Not supported

Pasture application by air – 5.0 m release height

Application rate 3330 g ae/ha, VERY COARSE droplet size, Aerial application (Groups 5, 6, 8, 9)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	600 metres	350 metres
From 7 to 14 kilometres per hour	675 metres	375 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	575 metres	350 metres
From 7 to 14 kilometres per hour	650 metres	350 metres

Application rate 3180 g ae/ha, VERY COARSE droplet size, Aerial application (Group 18, 19)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	575 metres	350 metres
From 7 to 14 kilometres per hour	650 metres	350 metres

Terrestrial protection (2,4-D ester formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	Not supported	575 metres
From 7 to 14 kilometres per hour	Not supported	625 metres

Application rate 3000 g ae/ha, VERY COARSE droplet size, Aerial application (Group 13)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	550 metres	325 metres
From 7 to 14 kilometres per hour	600 metres	325 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	500 metres	300 metres
From 7 to 14 kilometres per hour	575 metres	325 metres

Pasture application by air – 5.0 m release height

Application rate 2750 g ae/ha, VERY COARSE droplet size, Aerial application (Group 2,3,5,6,7,8,9,11)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	500 metres	300 metres
From 7 to 14 kilometres per hour	550 metres	300 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	475 metres	275 metres
From 7 to 14 kilometres per hour	525 metres	300 metres

Application rate 2710 g ae/ha, VERY COARSE droplet size, Aerial application (Group 10)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	500 metres	300 metres
From 7 to 14 kilometres per hour	550 metres	300 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	475 metres	275 metres
From 7 to 14 kilometres per hour	500 metres	275 metres

Application rate 2000 g ae/ha, VERY COARSE droplet size, Aerial application (Group 2,3,5,6,7,8,9)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	375 metres	190 metres
From 7 to 14 kilometres per hour	375 metres	220 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	350 metres	180 metres
From 7 to 14 kilometres per hour	350 metres	210 metres

Pasture application by air – 5.0 m release height

Application rate 1890 g ae/ha, VERY COARSE droplet size, Aerial application (Group 14a)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	350 metres	180 metres
From 7 to 14 kilometres per hour	350 metres	210 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	325 metres	160 metres
From 7 to 14 kilometres per hour	325 metres	200 metres

Application rate 1120 g ae/ha, VERY COARSE droplet size, Aerial application (Group 14b)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	160 metres	85 metres
From 7 to 14 kilometres per hour	190 metres	150 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	150 metres	80 metres
From 7 to 14 kilometres per hour	180 metres	140 metres

Pasture application – 3.0 m release height

Product Groups 1, 12, 15 (orchards), 16 (turf), 17, 20 and 21 do not contain separate pasture uses. For all other groups, rates range from 90 – 9000 g ae/ha. These pasture uses and application rates are highly variable between different product groups. The highest rates for individual product groups that are **supported** are modelled below and the corresponding buffer zones are provided for two wind speed ranges.

NOTE: some rates ARE NOT SUPPORTED for Fixed Wing aircraft and MUST NOT be applied by fixed wing aircraft

Application rate 4500 g ae/ha, VERY COARSE droplet size, Aerial application (Group 4)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	475 metres	300 metres
From 7 to 14 kilometres per hour	475 metres	300 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	450 metres	275 metres
From 7 to 14 kilometres per hour	450 metres	275 metres

Application rate 4500 g ae/ha, VERY COARSE droplet size, Aerial application (Group 18, 19)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	475 metres	300 metres
From 7 to 14 kilometres per hour	475 metres	300 metres

Terrestrial protection (2,4-D ester formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	750 metres	475 metres
From 7 to 14 kilometres per hour	Not supported	525 metres

Pasture application – 3.0 m release height

Application rate 3330 g ae/ha, VERY COARSE droplet size, Aerial application (Groups 5, 6, 8, 9)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	600 metres	350 metres
From 7 to 14 kilometres per hour	675 metres	375 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	575 metres	350 metres
From 7 to 14 kilometres per hour	650 metres	350 metres

Application rate 3180 g ae/ha, VERY COARSE droplet size, Aerial application (Group 18, 19)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	325 metres	190 metres
From 7 to 14 kilometres per hour	325 metres	210 metres

Terrestrial protection (2,4-D ester formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	575 metres	575 metres
From 7 to 14 kilometres per hour	625 metres	625 metres

Application rate 3000 g ae/ha, VERY COARSE droplet size, Aerial application (Group 13)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	300 metres	170 metres
From 7 to 14 kilometres per hour	300 metres	200 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	275 metres	160 metres
From 7 to 14 kilometres per hour	275 metres	190 metres

Pasture application – 3.0 m release height

Application rate 2750 g ae/ha, VERY COARSE droplet size, Aerial application (Group 2,3,5,6,7,8,9,11)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	250 metres	150 metres
From 7 to 14 kilometres per hour	250 metres	180 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	250 metres	140 metres
From 7 to 14 kilometres per hour	250 metres	170 metres

Application rate 2710 g ae/ha, VERY COARSE droplet size, Aerial application (Group 10)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	250 metres	150 metres
From 7 to 14 kilometres per hour	250 metres	180 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	225 metres	140 metres
From 7 to 14 kilometres per hour	225 metres	170 metres

Application rate 2000 g ae/ha, VERY COARSE droplet size, Aerial application (Group 2,3,5,6,7,8,9)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	160 metres	90 metres
From 7 to 14 kilometres per hour	160 metres	140 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	140 metres	85 metres
From 7 to 14 kilometres per hour	150 metres	130 metres

Pasture application – 3.0 m release height

Application rate 1890 g ae/ha, VERY COARSE droplet size, Aerial application (Group 14a)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	140 metres	80 metres
From 7 to 14 kilometres per hour	150 metres	130 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	130 metres	75 metres
From 7 to 14 kilometres per hour	140 metres	130 metres

Application rate 1120 g ae/ha, VERY COARSE droplet size, Aerial application (Group 14b)

Aquatic protection

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	70 metres	45 metres
From 7 to 14 kilometres per hour	95 metres	90 metres

Terrestrial protection (2,4-D salt formulations)

	Downwind no-spray zone	
Wind speed range at time of application	Fixed Wing	Helicopter
From 3 to 7 kilometres per hour	65 metres	45 metres
From 7 to 14 kilometres per hour	95 metres	85 metres

Part 3 – Labels to which suspension decision applies

Table 1: Suspended labels

Product no.	Name	Registrant	Product group	Label
83795	4Farmers 2,4-D IB Ester 800 Herbicide	4 FARMERS AUSTRALIA PTY LTD	21	83795/108986
66582	4FARMERS 2,4-D PLUS PICLORAM HERBICIDE	4 FARMERS AUSTRALIA PTY LTD	4	66582/53935
62817	4FARMERS 2, 4-D AMINE 750 SELECTIVE HERBICIDE	4 FARMERS AUSTRALIA PTY LTD	9b	62817/44034
62342	4FARMERS 2,4-D LV ESTER 680 SELECTIVE HERBICIDE	4 FARMERS AUSTRALIA PTY LTD	19	62342/0214
62330	4FARMERS 2,4-D AMINE 625 SELECTIVE HERBICIDE	4 FARMERS AUSTRALIA PTY LTD	9	62330/0214
70408	ACCENSI 2,4-D AMINE 700 DUAL SELECTIVE HERBICIDE	ACCENSI PTY LTD	8b	70408/108943 70408/63397
68535	ACCENSI 2,4-D LOW ODOUR 500 SELECTIVE HERBICIDE	ACCENSI PTY LTD	11	68535/58537
67490	ACCENSI 2,4-D / PICLORAM HERBICIDE	ACCENSI PTY LTD	4	67490/0214 67490/57150
64793	ACCENSI 2,4-D 475 DUAL SELECTIVE HERBICIDE	ACCENSI PTY LTD	10	64793/59897 64793/49294
63999	ACCENSI 2,4-D AMINE 300 SELECTIVE HERBICIDE	ACCENSI PTY LTD	2	63999/59811 63999/0409
63495	ACCENSI AMINE 625 DUAL SALT SELECTIVE HERBICIDE	ACCENSI PTY LTD	9	63495/59849 63495/1108
55427	ACCENSI AMINE 625 SELECTIVE HERBICIDE	ACCENSI PTY LTD	6	55427/0214 55427/59852 55427/0802
50637	ACCENSI 2,4-D AMINE 500 SELECTIVE HERBICIDE	ACCENSI PTY LTD	5	50637/62244 50637/0798
83244	ZULU XT HERBICIDE	ADAMA AUSTRALIA PTY LIMITED	8	83244/107829
81288	VORTEX HERBICIDE	ADAMA AUSTRALIA PTY LIMITED	20b	81288/102747
68933	ZULU EVO 720 HERBICIDE	ADAMA AUSTRALIA PTY LIMITED	8	68933/62245 68933/59413
64206	ENFORCER 75-D HERBICIDE	ADAMA AUSTRALIA PTY LIMITED	4	64206/61327 64206/0709
61895	ADAMA 2,4-D LV ESTER 680 HERBICIDE	ADAMA AUSTRALIA PTY LIMITED	19	61895/100226 61895/0209 61895/0807
59868	FARMOZ 2,4-D LV ESTER 600 HERBICIDE	ADAMA AUSTRALIA PTY LIMITED	18	59868/0214 59868/0605
55046	ADAMA 2,4-D AMINE 625 HERBICIDE	ADAMA AUSTRALIA PTY LIMITED	9	55046/100092 55046/0209 55046/1105 55046/0705

				55046/1201
55029	FARMOZ ZULU 300 HERBICIDE	ADAMA AUSTRALIA PTY LIMITED	2	55029/0209 55029/0606 55029/1105 55029/0507 55029/0505 55029/1201
68480	AGMATE 2,4-D 625 SL HERBICIDE	AGCARE PTY LTD	9	68480/58429
68475	AGMATE 2,4-D 300 SL HERBICIDE	AGCARE PTY LTD	2	68475/58424
85316	AgProtect 2,4-D Amine 625 Herbicide	Agprotect Australasia Pty Ltd	9	85316/112890
67360	AGRI 2,4-D AMINE 625 HERBICIDE	AGRI ENVIRONMENTAL PTY LTD	9	67360/55874
64535	AW RANKLE 680 HERBICIDE	AGRI WEST PTY LIMITED	19	64535/57903 64535/1109
63833	AW FRENZY HERBICIDE	AGRI WEST PTY LIMITED	4	63833/58995 63833/0309
63140	AW ANGUISH 625 HERBICIDE	AGRI WEST PTY LIMITED	9	63140/0214 63140/0608
67615	AGRO-ESSENCE 2,4-D ESTER 680 HERBICIDE	AGRO-ALLIANCE (AUSTRALIA) PTY LTD	19	67615/56464
67261	AGRO-ESSENCE 2,4-D 300 HERBICIDE	AGRO-ALLIANCE (AUSTRALIA) PTY LTD	2	67261/55643
64728	AGRO-ESSENCE 2,4-D 625SL	AGRO-ALLIANCE (AUSTRALIA) PTY LTD	9	64728/53443 64728/50724
82451	ALPHA 2,4-D 625 HERBICIDE	ALPHA CROP PROTECTION PTY LTD	9	82451/105784
55236	NUTURF MILLENNIUM TURF HERBICIDE	AMGROW PTY LTD	16	55236/0214 55236/0903
81704	APPARENT HARDBALL LOW ODOUR 700 DUAL SALT HERBICIDE	APPARENT PTY. LTD.	8b	81704/107461 81704/105657 81704/103776
80713	Apparent Ramjet 75-D Herbicide	APPARENT PTY. LTD.	4	80713/101477
69060	APPARENT PURGE 450 IPA HERBICIDE	APPARENT PTY. LTD.	3	69060/102720 69060/59783
65153	APPARENT 2,4-D ESTER 680 HERBICIDE	APPARENT PTY. LTD.	19	65153/50299
62550	APPARENT 2,4-D 625 AMINE HERBICIDE	APPARENT PTY. LTD.	9	62550/53772 62550/50122
56510	APPARENT AFFRAY 300 HERBICIDE	APPARENT PTY. LTD.	13	56510/108336 56510/0214 56510/1002
66751	ARYSTA LIFESCIENCE BASILICA 300 HERBICIDE	ARYSTA LIFESCIENCE AUSTRALIA PTY LTD	2	66751/103187 66751/54325
66749	ARYSTA LIFESCIENCE LANTERN 625 HERBICIDE	ARYSTA LIFESCIENCE AUSTRALIA PTY LTD	9	66749/103390 66749/54319

66630	PRO 2,4-D AMINE 625 HERBICIDE	AUSTRALIAN PROGRESSIVE SUPPLIES PTY LTD	9	66630/54056
81794	ACP AMINEX 700 SELECTIVE HERBICIDE	AUSTRALIS CROP PROTECTION PTY LTD	8b	81794/104063
68586	ACP BROADLEAF 75-D HERBICIDE	AUSTRALIS CROP PROTECTION PTY LTD	4	68586/0214 68586/58645
66567	ACP SILVESTER 680 HERBICIDE	AUSTRALIS CROP PROTECTION PTY LTD	19	66567/53902
66528	ACP AMINEX 475 SELECTIVE HERBICIDE	AUSTRALIS CROP PROTECTION PTY LTD	10	66528/53826
66526	ACP AMINEX 625 SELECTIVE HERBICIDE	AUSTRALIS CROP PROTECTION PTY LTD	6	66526/53824
66525	ACP AMINEX 300 SELECTIVE HERBICIDE	AUSTRALIS CROP PROTECTION PTY LTD	2	66525/0214 66525/53823
81968	AC Rampant Selective Herbicide	AXICHEM PTY LTD	10	81968/104510
69446	AC ESCORT 680 HERBICIDE	AXICHEM PTY LTD	19	69446/60812
64859	AC PULVERIZE HERBICIDE	AXICHEM PTY LTD	4	64859/59003 64849/0210
64758	AC JOKER 625 HERBICIDE	AXICHEM PTY LTD	9	64758/0510
42091	ACTRIL DS SELECTIVE HERBICIDE	BAYER CROPSOURCE PTY LTD	17	42091/0805 42091/0705 42091/0403 42091/0997 42091/02 42091/03
65006	BIOTIS 2,4-D ESTER 680 HERBICIDE	BIOTIS LIFE SCIENCE PTY LTD	19	65006/49857
63775	BIOTIS AMINE 625 SELECTIVE HERBICIDE	BIOTIS LIFE SCIENCE PTY LTD	9	63775/0214 63775/0309
63668	BIOTIS AMINE 720 SELECTIVE HERBICIDE	BIOTIS LIFE SCIENCE PTY LTD	8	63668/0214 63668/0609
62926	WEEDS OUT 300 HERBICIDE	BIOTIS LIFE SCIENCE PTY LTD	2	62926/0214 62926/0908
61935	CHEMFORCE 2,4-D LV 600 HERBICIDE	CHEMFORCE 2010 PTY LTD	18	61935/0214 61935/0607
61931	CHEMFORCE 2,4-D AMINE 625 HERBICIDE	CHEMFORCE 2010 PTY LTD	9	61931/0214 61931/0607
31536	CAMPBELL METHAR TRI- KOMBI HERBICIDE	COLIN CAMPBELL (CHEMICALS) PTY LTD	16	31536/57176 31536/0307 31536/0805 31536/0903 31536/02
85480	Conquest Amine 450 IPA Selective Herbicide	CONQUEST CROP PROTECTION PTY LTD	3	85480/113392
81776	Conquest Amine 700 Dual Salt Selective Herbicide	CONQUEST CROP PROTECTION PTY LTD	8b	81776/104036
68995	CONQUEST AMINE PLUS 475 SELECTIVE HERBICIDE	CONQUEST CROP PROTECTION PTY LTD	10	68995/59593

68986	CONQUEST DEPIC 75-D HERBICIDE	CONQUEST CROP PROTECTION PTY LTD	4	68986/59565
64951	CONQUEST LV ESTER 680 HERBICIDE	CONQUEST CROP PROTECTION PTY LTD	19	64951/49675
59649	CONQUEST LV ESTER 600 HERBICIDE	CONQUEST CROP PROTECTION PTY LTD	18	59649/0108 59649/0505
55702	CONQUEST AMINE 625 SELECTIVE HERBICIDE	CONQUEST CROP PROTECTION PTY LTD	9	55702/0214 55702/0207
55701	CONQUEST AMINE 300 SELECTIVE HERBICIDE	CONQUEST CROP PROTECTION PTY LTD	2	55701/0214 55701/0805
85354	Kojak 75D Herbicide	CROP CULTURE PTY LTD	4	85354/ 112996
66069	SMART PASS 450 HERBICIDE	CROP SMART PTY LTD	3	66069/52631
65665	SMART 2, 4-D 300 HERBICIDE	CROP SMART PTY LTD	2	65665/51529
65116	SMART ESTER 680 HERBICIDE	CROP SMART PTY LTD	19	65116/0214 65116/57052
61327	SMART 2,4-D AMINE 625 HERBICIDE	CROP SMART PTY LTD	9	61327/0214 61327/1106
83485	Trio 2,4-D 680 EC Herbicide	CTS CHEMICALS PTY LTD	19	83485/108396
66625	TRIO 2,4-D AMINE 625 HERBICIDE	CTS CHEMICALS PTY LTD	9	66625/54051
69106	FALLOWBOSS TORDON HERBICIDE	DOW AGROSCIENCES AUSTRALIA LIMITED	4	69106/109670 69106/59990
65701	GF-2576 HERBICIDE	DOW AGROSCIENCES AUSTRALIA LIMITED	4	65701/51632
61116	STATESMAN 720 HERBICIDE	DOW AGROSCIENCES AUSTRALIA LIMITED	8	61116/0214 61116/0707
60216	ESTERON LV HERBICIDE	DOW AGROSCIENCES AUSTRALIA LIMITED	19	60216/0214 60216/0106
40487	TORDON 75-D HERBICIDE	DOW AGROSCIENCES AUSTRALIA LIMITED	4	40487/57640 40487/58243 40487/0409 40487/0507 40487/0506 40487/0705 40487/0798 40487/0997
67219	EASYFARM 2,4-D IPA 300 HERBICIDE	EASYFARM PTY LTD	2	67219/59784 67219/55481
66440	ECHEM 2,4-D 625 AMINE HERBICIDE	ECHEM (AUST) PTY LIMITED	9	66440/53636
82915	Agsure 2,4-D Amine 625 Herbicide	Elders Rural Services Australia Limited	9	82915/112694 82915/107108
86157	EmuAg 2,4-D 625 Selective Herbicide	EmuAg Pty Ltd	9	86157/114815
86156	EmuAg 2,4-D 680EC Herbicide	EmuAg Pty Ltd	19	86156/114814

68558	EZYCROP 2,4-D AMINE 625 HERBICIDE	EZYCROP PTY LTD	9	68558/58572
68049	EZYCROP 2,4-D IPA 300 HERBICIDE	EZYCROP PTY LTD	2	68049/59803 68049/57537
84093	Farmalinx Rebel Herbicide	FARMALINX PTY LTD	10	84093/109687
69095	FARMALINX 2,4-D 450 SL HERBICIDE	FARMALINX PTY LTD	3	69095/59971
68007	FARMALINX 2,4-D LV ESTER 450 HERBICIDE	FARMALINX PTY LTD	20	68007/0214 68007/57263
64960	FARMALINX STUKA 75-D HERBICIDE	FARMALINX PTY LTD	4	64960/0214 64960/0610
64419	FARMALINX 2,4-D 300 HERBICIDE	FARMALINX PTY LTD	2	64419/0809
64351	FARMALINX 2,4-D 625 HERBICIDE	FARMALINX PTY LTD	9	64351/0809
64350	FARMALINX 2,4-D LV ESTER 680 HERBICIDE	FARMALINX PTY LTD	19	64350/0214 64350/0909
62001	RICOCHET HERBICIDE	FMC AUSTRALASIA PTY LTD	4	62001/0507 62001/0214 62001/61747 62001/0609
69915	FORWARD 2,4-D IPA 300 HERBICIDE	FORWARD AUSTRALIA PTY LTD	2	69915/62052
69214	FORWARD 2,4-D ESTER 680 HERBICIDE	FORWARD AUSTRALIA PTY LTD	19	69214/60265
69213	FORWARD AMINE 625 HERBICIDE	FORWARD AUSTRALIA PTY LTD	9	69213/60262
65849	FOSTERRA 2,4-D AMINE 625 SELECTIVE HERBICIDE	FOSTERRA PTY LTD	9	65849/52169
51468	COUNTRY 2,4-D LOW ODOUR 500 SELECTIVE HERBICIDE	GARRARDS PTY LTD	11	51468/0214 51468/0705
66472	CHOICE 2,4-D ESTER 680 HERBICIDE	GROW CHOICE PTY LIMITED	19	66472/53708
59972	TOWELUP 2,4-D HERBICIDE	GROW CHOICE PTY LIMITED	4	59972/0214 59972/0507
58915	CHOICE LOW ODOUR AMINE 625 HERBICIDE	GROW CHOICE PTY LIMITED	9	58915/62522 58915/0214 58915/0805
54813	HALLEY LV ESTER 600 HERBICIDE	HALLEY INTERNATIONAL ENTERPRISE (AUSTRALIA) PTY LTD	18	54813/0214 54813/0805
54529	HALLEY 2,4-D AMINE 500 LOW ODOUR HERBICIDE	HALLEY INTERNATIONAL ENTERPRISE (AUSTRALIA) PTY LTD	5	54529/0214 54529/0805
54528	HALLEY 2,4-D IPA 300 HERBICIDE	HALLEY INTERNATIONAL ENTERPRISE (AUSTRALIA) PTY LTD	2	54528/0214 54528/0805

63813	PUTRA-AMINE 625 SELECTIVE HERBICIDE	HEXTAR CHEMICALS PTY LTD	9	63813/59543 63813/0309
67300	HUILONG 2,4-D AMINE 625 HERBICIDE	Huilong Agrochemicals Australia Pty Ltd	9	67300/107377 67300/55721
67141	HUILONG 2,4-D IPA 300 HERBICIDE	Huilong Agrochemicals Australia Pty Ltd	2	67141/108063 67141/55302
64387	IMTRADE LV ESTER 680 HERBICIDE	IMTRADE AUSTRALIA PTY LTD	19	64387/48188
63538	IMTRADE SMASH 300 SELECTIVE HERBICIDE	IMTRADE AUSTRALIA PTY LTD	2	63538/62420 63538/0909 63538/0109
63327	IMTRADE COMMANDER 75-D HERBICIDE	IMTRADE AUSTRALIA PTY LTD	4	63327/102503 63327/0209
63282	IMTRADE SMASH 625 SELECTIVE HERBICIDE	IMTRADE AUSTRALIA PTY LTD	9	63282/103001 63282/61520 63282/1008
59436	CHEMAG SMASH 625 LOW SELECTIVE HERBICIDE	IMTRADE AUSTRALIA PTY LTD	6	59436/102073 59436/0214 59436/0605 59436/0505
53817	IMTRADE LV ESTER 600 HERBICIDE	IMTRADE AUSTRALIA PTY LTD	18	53817/0310 53817/0409 53817/1007 53817/0805
53722	SMASH 500 LOW ODOUR SELECTIVE HERBICIDE	IMTRADE AUSTRALIA PTY LTD	11	53722/100467 53722/0214 53722/0805 53722/0301
69020	JNO 2,4-D ESTER 680 HERBICIDE	JNO INVESTMENT HOLDINGS PTY LTD	19	69020/59662
69019	JNO 2,4-D AMINE 625 HERBICIDE	JNO INVESTMENT HOLDINGS PTY LTD	9	69019/59661
60394	KENDON 2,4-D AMINE 625	KENDON CHEMICALS & MNFG CO PTY LTD	9	60394/0214 60394/0206
67109	KENSO AGCARE BUCKO 75- D HERBICIDE	KENSO CORPORATION (M) SDN. BHD.	4	67109/55226
65638	KENSO AGCARE KEN- AMINE 720 SELECTIVE HERBICIDE	KENSO CORPORATION (M) SDN. BHD.	8	65638/51482
65224	KENSO AGCARE KEN-ESTER LV 680 SELECTIVE HERBICIDE	KENSO CORPORATION (M) SDN. BHD.	19	65224/50453
61893	KENSO AGCARE KEN-STAR 450 HERBICIDE	KENSO CORPORATION (M) SDN. BHD.	3	61893/0310 61893/0808
56339	KENSO AGCARE KEN- AMINE 625 SELECTIVE HERBICIDE	KENSO CORPORATION (M) SDN. BHD.	9	56339/0310 56339/0805 56339/1002
54950	KENSO AGCARE KEN-STAR 300 HERBICIDE	KENSO CORPORATION (M) SDN. BHD.	2	54950/0214 54950/0805 54950/0102

82899	GENFARM 2,4-D AMINE 625 SELECTIVE HERBICIDE	LANDMARK OPERATIONS LIMITED	9	82899/107083
82784	GENFARM 2,4-D ESTER 680 LV HERBICIDE	LANDMARK OPERATIONS LIMITED	19	82784/106748
64551	GENFARM GEN-AMINE 625 HERBICIDE	LANDMARK OPERATIONS LIMITED	9	64551/1009
63272	GENFARM 2,4-D AMINE 300 HERBICIDE	LANDMARK OPERATIONS LIMITED	2	63272/0310 62272/0608
63271	GENFARM 2,4-D AMINE 625 HERBICIDE	LANDMARK OPERATIONS LIMITED	6	63271/113155 63271/0214 63271/0708
62684	GENFARM 2,4-D LV ESTER 680 HERBICIDE	LANDMARK OPERATIONS LIMITED	19	62684/106653 62684/0510 62684/0108
62347	GENFARM LV ESTER 600 HERBICIDE	LANDMARK OPERATIONS LIMITED	18	62347/0214 62347/1107
70159	LOVELAND PRODUCTS WHITEOUT 2,4-D HERBICIDE	LOVELANDS PRODUCTS. INC	19b	70159/62641
69835	MACRO PROTECT 2,4-D AMINE 625 AC HERBICIDE	MACROFERTIL AUSTRALIA PTY LTD	9	69835/61859
64539	MACRO PROTECT LV ESTER 680 HERBICIDE	MACROFERTIL AUSTRALIA PTY LTD	19	64539/105820 64539/0310
58308	GENEREX 2,4-D AMINE 625 HERBICIDE	MACSPRED PTY. LTD.	9	58308/0214 58308/0805 58308/0104
56266	GENEREX GLYMATE 300 HERBICIDE	MACSPRED PTY. LTD.	2	56266/0214 56266/0805 56266/0802
67357	MISSION 2,4-D AMINE 625 SELECTIVE HERBICIDE	MISSION BELL HOLDINGS PTY LTD	9	67357/0214 67357/55861
66830	MISSION 2,4-D ESTER 680 EC HERBICIDE	MISSION BELL HOLDINGS PTY LTD	19	66830/54497
64545	NAADCO 2,4-D 300 HERBICIDE	NEW AUSTRALIA AGRICULTURAL DEVELOPMENT COMPANY PTY LTD	2	64545/0214 64545/48593
68199	NOVAGUARD 2,4-D IPA 300 HERBICIDE	NOVAGUARD PTY LTD	2	68199/59787 68199/57756
67221	NOVAGUARD 2,4-D AMINE 625 HERBICIDE	NOVAGUARD PTY LTD	9	67221/59789 67221/55509
81242	Nufarm NuCol Herbicide	NUFARM AUSTRALIA LIMITED	12	81242/102640
66167	NUFARM AMICIDE ADVANCE 700 SELECTIVE HERBICIDE	NUFARM AUSTRALIA LIMITED	8b	66167/59290 66167/60072 66167/52898
63386	NUFARM AMICIDE 500 SELECTIVE HERBICIDE	NUFARM AUSTRALIA LIMITED	2	63386/0909
62751	TROOPER 75-D HERBICIDE	NUFARM AUSTRALIA LIMITED	4	62751/109322 62751/106428

				62751/62723 62751/59293
62691	NUFARM AMICIDE 720 SELECTIVE HERBICIDE	NUFARM AUSTRALIA LIMITED	8	62691/0214 62691/0408
61565	COBBER 475 HERBICIDE	NUFARM AUSTRALIA LIMITED	10	61565/111895 61565/0214 61565/0507
61515	NUFARM SURPASS 475 HERBICIDE	NUFARM AUSTRALIA LIMITED	10	61515/51803 61515/0310 61505/0407
60938	NUFARM ESTERCIDE XTRA 680 HERBICIDE	NUFARM AUSTRALIA LIMITED	19	60938/0210 60938/0307 60938/1006
58990	ZEPHYR 625 2,4-D LOW ODOUR HERBICIDE	NUFARM AUSTRALIA LIMITED	9	58990/56555 58990/0705 58990/0604
56763	NUFARM AMINE 625 SELECTIVE HERBICIDE	NUFARM AUSTRALIA LIMITED	9	56763/113883 53763/0310 56763/0705 56763/0203
56179	NUFARM AMICIDE 625- LOW SELECTIVE HERBICIDE	NUFARM AUSTRALIA LIMITED	9	56179/51793 56179/0705 56179/1002
52999	NUFARM SURPASS 300 HERBICIDE	NUFARM AUSTRALIA LIMITED	2	52999/0214 52999/0705 52999/0902 52999/0800
52904	NUFARM AMICIDE 625 SELECTIVE HERBICIDE	NUFARM AUSTRALIA LIMITED	9	52904/51791 52904/0110 52904/0806 52904/0705
48160	NUFARM 2,4-D 720 SELECTIVE HERBICIDE	NUFARM AUSTRALIA LIMITED	8	48160/01
46314	BATON LOW HERBICIDE	NUFARM AUSTRALIA LIMITED	7	46314/55973 46314/1109 46314/0705 46314/0902
45724	TORNADO DF HERBICIDE	NUFARM AUSTRALIA LIMITED	14	45724/0214 45724/0698
41496	NUFARM SODIUM 2,4-D SELECTIVE HERBICIDE	NUFARM AUSTRALIA LIMITED	14b	not marketed
31209	NUFARM ESTERCIDE 800 HERBICIDE	NUFARM AUSTRALIA LIMITED	21	31209/55233 31209/0705 31209/0902 31209/0998
70153	OZCROP PICLORAM 75-D HERBICIDE	OZCROP PTY. LTD.	4	70153/62633
69074	OZCROP 2,4-D IPA 450 SL HERBICIDE	OZCROP PTY. LTD.	3	69074/59861

68429	OZCROP 2,4-D ESTER 680 HERBICIDE	OZCROP PTY. LTD.	19	68429/58359
66332	OZCROP 2,4-D IPA 300 HERBICIDE	OZCROP PTY. LTD.	2	66332/53401
66321	OZCROP 2,4-D AMINE 625 HERBICIDE	OZCROP PTY. LTD.	9	66321/53385
69921	OZTEC 2,4-D IPA 300 HERBICIDE	OZTEC RURAL PTY LTD	2	69921/62060
65226	PACIFIC 2,4-D LVE 680 HERBICIDE	PACIFIC AGRISCIENCE PTY LTD	19	65226/50455
58927	PACIFIC 2,4-D IPA 300 HERBICIDE	PACIFIC AGRISCIENCE PTY LTD	2	58927/50606 58927/0805 58927/1004
58925	PACIFIC 2,4-D AMINE 625 HERBICIDE	PACIFIC AGRISCIENCE PTY LTD	9	58925/0609 58925/0805 58925/1004
82835	Surefire Amine 625 Selective Herbicide	PCT HOLDINGS PTY LTD	9	82835/106882
83400	Rygel 2,4-D LVE 680 Herbicide	PROFENG AUSTRALIA PTY LTD	19	83400/108184
61380	RYGEL LOW VOLATILE ESTER 600 HERBICIDE	PROFENG AUSTRALIA PTY LTD	18	61380/0214 61380/0709
59795	RYGEL 2,4-D IPA 300 HERBICIDE	PROFENG AUSTRALIA PTY LTD	2	59795/0214 59795/1105
58811	RYGEL AMINE 625 SELECTIVE HERBICIDE	PROFENG AUSTRALIA PTY LTD	9	58811/0214 58811/0605
58917	INCA 300 HERBICIDE	PROTERRA PTY LTD	2	58917/0214 58917/0107 58917/0805 58917/0504
58914	INCA 625 HERBICIDE	PROTERRA PTY LTD	9	58914/0214 58914/0207 58914/0805 58914/0604
83784	Raystar 2,4D 625 Dimethylamine salt SL Herbicide	Raystar Cropprotection Pty Ltd	9	83784/108968
64837	RC LV ESTER 680 HERBICIDE	RURALCHEM PTY LTD	19	64837/50682
64806	RC AMINE 300 HERBICIDE	RURALCHEM PTY LTD	2	64806/0410
64700	RC AMINE 625 SELECTIVE HERBICIDE	RURALCHEM PTY LTD	9	64700/0310
82711	Ramdon 75-D Herbicide	RURALCO HOLDINGS LIMITED	4	82711/112980 82711/106515
82448	Relyon Ammo 625 Herbicide	RURALCO HOLDINGS LIMITED	9	82448/112907 82448/111903 82448/105778
81788	Optane LV 680 Herbicide	RURALCO HOLDINGS LIMITED	19	81788/111911 81778/104055

69247	SABAKEM 2,4-D LVE 680 HERBICIDE	SABAKEM PTY LTD	19	69247/60337
67401	SABAKEM 2,4-D 625 SELECTIVE HERBICIDE	SABAKEM PTY LTD	9	67401/55963
59600	AMINOZ CT 300 HERBICIDE BY SANONDA	SANONDA (AUSTRALIA) PTY LTD	2	59600/0214 59600/0505
58508	AMINOZ 625 SELECTIVE WEEDKILLER BY SANONDA	SANONDA (AUSTRALIA) PTY LTD	9	58508/1113 58508/0805 58508/0705 58508/0204
69770	RAINBOW PICLORAM 75-D HERBICIDE	SHANDONG RAINBOW INTERNATIONAL CO., LTD.	4	69770/63346 69770/61689
68270	RAINBOW 2,4-D 450 SL HERBICIDE	SHANDONG RAINBOW INTERNATIONAL CO., LTD.	3	68270/57895
68145	RAINBOW 2,4-D AMINE 800 SG HERBICIDE	SHANDONG RAINBOW INTERNATIONAL CO., LTD.	7	68145/100597 68145/57620
65815	RAINBOW 2,4-D ESTER 680 HERBICIDE	SHANDONG RAINBOW INTERNATIONAL CO., LTD.	19	65815/52091
65309	RAINBOW 2,4-D IPA 300 HERBICIDE	SHANDONG RAINBOW INTERNATIONAL CO., LTD.	2	65309/62008 65309/51627
65302	RAINBOW 2,4-D AMINE 625 HERBICIDE	SHANDONG RAINBOW INTERNATIONAL CO., LTD.	9	65302/61824 65302/51902
69663	AGROCN 2,4-D 625 SL SELECTIVE HERBICIDE	SHANGHAI AGROCHINA CHEMICAL CO. LTD.	9	69663/61380
70018	KELPIE AMINE 625 HERBICIDE	SINOCHEM INTERNATIONAL AUSTRALIA PTY LTD	9	70018/62312
69952	PYRESTA XTREME LV HERBICIDE	SIPCAM PACIFIC AUSTRALIA PTY LTD	18	69952/62158
62198	SIPCAM LV ESTER 680 HERBICIDE	SIPCAM PACIFIC AUSTRALIA PTY LTD	19	62198/0214 62198/0408
61328	PYRESTA LV HERBICIDE	SIPCAM PACIFIC AUSTRALIA PTY LTD	20	61328/62659 61328/61535 61328/0214 61328/1109
56814	SIPCAM AMINE 625 SELECTIVE HERBICIDE	SIPCAM PACIFIC AUSTRALIA PTY LTD	9	56814/101367 56814/59747 56814/1005 56814/0805
86786	Spalding 2,4-D IPA 450 SL Herbicide	SPALDING HOLDINGS PTY. LTD.	3	86786/116573
67923	SPALDING 2,4-D IPA 300 HERBICIDE	SPALDING HOLDINGS PTY. LTD.	2	67923/57098
67886	SPALDING AMINE 625 SELECTIVE HERBICIDE	SPALDING HOLDINGS PTY. LTD.	9	67886/57028
84835	Submarino 2,4-D Amine 625 Herbicide	Submarino Pty Ltd	9	84835/111528
62823	SUPERWAY 2,4-D AMINE 625 HERBICIDE	SUPERWAY GARDEN AG & PEST PRODUCTS PTY LTD	9	62823/0214 62823/0208
67579	TITAN PICLORAM 75-D HERBICIDE	TITAN AG PTY LTD	4	67579/58629

64433	TITAN AMINE 475 HERBICIDE	TITAN AG PTY LTD	10	64433/48335
63863	TITAN AMINE 300 AC HERBICIDE	TITAN AG PTY LTD	2	63863/0214 63863/0609
63412	TITAN LV ESTER 680 HERBICIDE	TITAN AG PTY LTD	19	63412/0214 63412/0109
56719	TITAN AMINE 625 SELECTIVE HERBICIDE	TITAN AG PTY LTD	9	56719/0214 56719/0608 56719/0507 56719/0805
68363	UMINE 625 SELECTIVE HERBICIDE	UPL AUSTRALIA LIMITED	9	68363/63110 68363/58226
61482	WSD 2,4-D ESTER 600 HERBICIDE	WSD AGRIBUSINESS PTY LTD	18	61482/40973
68117	WYNCA 2,4-D AMINE 625 HERBICIDE	ZHEJIANG XINAN CHEMICAL INDUSTRIAL GROUP CO., LTD	9	68117/102642 68117/57526
68115	WYNCA 2,4-D ESTER 680 HERBICIDE	ZHEJIANG XINAN CHEMICAL INDUSTRIAL GROUP CO., LTD	19	68115/102615 68115/57524