

POISON

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



2,4-D 625[®]

Selective Herbicide

ACTIVE CONSTITUENT: 625g/L 2,4-D present as the
DIMETHYLAMINE and DIETHANOLAMINE SALTS

GROUP

I

HERBICIDE

For the control of broadleafed 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 OPENING OR USING THIS PRODUCT

Sabakem Pty Ltd ABN 34 151 682 138

Suite 809, Level 8, 2 Queen Street, Melbourne VIC 3000

Tel: 03 9629 3979 • Fax: 1300 242 436 • www.sabakem.com

Contents: 20L



2,4-D 625[®]

Selective Herbicide

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area away from children, animals and food, feedstuffs, seed and fertilisers. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemical on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Poisonous if swallowed. Avoid contact with eyes and skin. DO NOT inhale spray mist. When preparing spray, wear PVC or rubber apron, elbow length PVC gloves and face shield. When using the prepared spray, wear face shield. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor, or Poisons Information Centre. Phone Australia 13 11 26.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which is available from the supplier.

CONDITIONS OF SALE

The use of this product is beyond the control of Sabakem Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. Sabakem Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Sabakem Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: Harmful if inhaled.

® Registered trademark of Sabakem Pty Ltd

APVMA Approval No: 67401/55963

In a Transport Emergency
DIAL 000
POLICE OR FIRE BRIGADE

For specialist advice in an
emergency dial
1800 033 111
24 hours Australia wide



9 347566 000121 >

DOM:

Batch

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Sabakem Pty Ltd ABN 34 151 682 138
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Tel: 03 9629 3979 • Fax: 1300 242 436 • www.sabakem.com

Contents: 110L



2,4-D 625[®]

Selective Herbicide

STORAGE AND DISPOSAL

Store in the original sealed Envirodrum in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the Micro Matic valve or the security seal. DO NOT contaminate the Envirodrum with water or any foreign matter. After each use of the product, please ensure that the Micro Matic coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the Envirodrum have been used, please return the empty Envirodrum to point of purchase. The Envirodrum remains the property of Sabakem Pty Ltd.

SAFETY DIRECTIONS

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Sabakem Pty Ltd ABN 34 151 682 138
Suite 809, Level 8, 2 Queen Street, Melbourne VIC 3000
Tel: 03 9629 3979 • Fax: 1300 242 436 • www.sabakem.com

Contents: 1000L



2,4-D 625[®]

Selective Herbicide

STORAGE AND DISPOSAL

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For refillable containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

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emergency dial

1800 033 111
24 hours Australia wide



9 347566 000152 >

DOM:

Batch

SABAKEM

2,4-D 625 SELECTIVE HERBICIDE

ACTIVE INGREDIENT: 625g/L 2,4-D present as the DIMETHYLAMINE & DIETHANOLAMINE SALTS

PLEASE READ THESE INSTRUCTIONS IN CONJUNCTION WITH THE PRODUCT LEAFLET ACCOMPANYING THIS PRODUCT.

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 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 table 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.
- Cumulous 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', July 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 the wind speed remains above 11 km/hr 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 locations 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.

BOOM SPRAYERS

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:

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 (560g 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

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

<u>Application rate (/ha)</u>	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

PASTURE APPLICATION BY AIR – 3.0 m release height

NOTE: Some rates ARE NOT SUPPORTED for Fixed Wing Aircraft and MUST NOT be applied by Fixed Wing Aircraft.

Application rate 3330 g ae/ha, VERY COARSE droplet size, Aerial application

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 2750 g ae/ha, VERY COARSE droplet size, Aerial application

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 2000 g ae/ha, VERY COARSE droplet size, Aerial application

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

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

<u>Application rate (/ha)</u>	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

PASTURE APPLICATION BY AIR – 5.0 m release height

NOTE: Some rates ARE NOT SUPPORTED for Fixed Wing Aircraft and MUST NOT be applied by Fixed Wing Aircraft.

Application rate 3330 g ae/ha, VERY COARSE droplet size, Aerial application**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 2750 g ae/ha, VERY COARSE droplet size, Aerial application**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 2000 g ae/ha, VERY COARSE droplet size, Aerial application**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

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