

# CAUTION

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

# DENSITY® WG HERBICIDE

ACTIVE CONSTITUENT: 400 g/kg TRALKOXYDIM

GROUP	<b>A</b>	HERBICIDE
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For the control of wild oats and annual ryegrass and suppression of annual phalaris in wheat, barley, rye and triticale.

**IMPORTANT: READ THE ATTACHED LEAFLET THOROUGHLY BEFORE USE**

CONTENTS: 5 kg, 10kg, 50kg

APVMA Approval No: 59334/0206



SIPCAM PACIFIC AUSTRALIA PTY LIMITED  
Level 1, 191 Malop Street Geelong VIC 3220

® Registered Trademark of Sipcam Pacific Australia Pty Ltd

## DENSITY WG HERBICIDE

### STORAGE AND DISPOSAL (5kg, 10kg)

Store in the closed, original container in a dry, cool, well-ventilated locked room or place and away from children, animals, food, feedstuffs, seed and fertilisers. DO NOT store for prolonged periods in direct sunlight. Shake empty bag into spray tank. DO NOT dispose of undiluted chemicals on site. Puncture or shred and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm 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.

### STORAGE AND DISPOSAL (50kg)

Store in the closed, original container in a dry, cool, well-ventilated locked room or place and away from children, animals, food, feedstuffs, seed and fertilizers. 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 chemicals 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 500 mm 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

Harmful if swallowed. Will irritate the eyes. If product in eyes, wash it out immediately with water. When preparing the spray wear face shield and goggles. Wash hands after use. After each day's use, wash face shield and goggles.

### FIRST AID

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

### SAFETY DATA SHEET

For further information, refer to the Safety Data Sheet (SDS) which is available from the supplier or from our web site, [www.sipcam.com.au](http://www.sipcam.com.au)

### NOTICE TO BUYER

This product must be used in accordance with the directions for use. Where this product is not a good of a kind ordinarily acquired for personal, domestic or household use or consumption under the Australian Consumer Law, Sipcam's liability for any direct, indirect or consequential loss which you incur, including, without limitation, loss or damage to crop, loss of equipment, property damage, personal injury or death is limited, at Sipcam's option, to the replacement of the product or the supply of an equivalent product. By opening this package, you agree to be bound by these terms. If you do not agree to these terms, please return the entire unopened package intact to Sipcam or the place in which you purchased this product for a full refund.

**Batch No:**

**Date of Manufacture:**

**This product is NOT a Dangerous Good under the Australian Code for the transport of Dangerous Goods by road and rail.**

**For specialist advice in emergency only, call  
1800 033 111 all hours, Australia wide**

### G.H.S STATEMENT

**PREVENTION** P262: Do not get in eyes, on skin, or on clothing.

P270: Do not eat, drink or smoke when using this product.

**RESPONSE** P352: Wash with plenty of soap and water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P370+P378: In case of fire, use extinguishing agents suited to surrounding combustible materials.

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## HERBICIDE

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## DIRECTIONS FOR USE

### Restrains:

DO NOT apply to weeds or crops under stress due to severe frost, drought, water logging, low soil fertility, pre-emergent herbicides, insects or diseases.

DO NOT use boomless jets or misters.

DO NOT apply if rain is expected within a half-hour.

Crop	Weeds Controlled	Weed Stage	State	Rate/ha	Critical Comments
Wheat, Barley, Rye, Triticale	Wild Oats	Growing actively at 2-4 leaf (pre-tillering)	Qld, NSW, Vic, Tas, SA, only	300g	Apply in first 4-6 weeks to unstressed crops and weeds when the majority of crop plants have 2 leaves. Application to lush crops may increase likelihood of yellowing and/or growth retardation.
				*	
				380g	
		*			
		Growing actively up to early tillering (Maximum of 2 tillers)	500g	Use where application is delayed. Do not apply to pre-tillered crops. Use of Supercharge or Collaborate Spray Adjuvant at 1L per 100L may improve weed control if soil is dry or if applying during August onwards.	
	Wild Oats and Annual ryegrass in mixed infestations	Growing actively at 2-4 leaf (pre-tillering)	NSW, Vic, Tas, SA, Only	380 g	Use when wild oats predominate. Do not apply to crops with less than 3 leaves. Use of Supercharge or Collaborate Spray Adjuvant at 1L per 100L may improve weed control if soil is dry or if applying during August onwards.
				*	
500g				Do not apply to pre-tillered crops. Use of Supercharge or Collaborate Spray Adjuvant at 1L per 100L may improve weed control if soil is dry or if applying during August onwards.	
	Growing actively at 2-4 leaf (pre-tillering)	380 – 500g	Do not apply to tillered ryegrass. Use spray volumes of 70-100L/ha may assist control. Tank mixes of the lower rate with listed broadleaved herbicides may reduce ryegrass control.		
	Growing actively at 2-4 leaf (pre-tillering)	380 – 500g	Preferably apply within 6 weeks of sowing when weeds are at the 2 to 4 leaf stage and growing actively. Do not apply to tillered annual phalaris. The higher rate may give more reliable results. Use of spray volumes of 70 – 100 L/ha may assist control. Tank mixes with listed broadleaved herbicides may reduce annual phalaris control. Paradoxa grass is more sensitive than lesser canary grass. Do not apply to crops with less than 3 leaves.		
	Growing actively at 2-4 leaf (pre-tillering)	380 – 500g	Preferably apply within 6 weeks of sowing when weeds are at the 2 to 4 leaf stage and growing actively. Do not apply to tillered annual phalaris. The higher rate may give more reliable results. Use of spray volumes of 70 – 100 L/ha may assist control. Tank mixes with listed broadleaved herbicides may reduce annual phalaris control. Paradoxa grass is more sensitive than lesser canary grass. Do not apply to crops with less than 3 leaves.		

Wheat Barley (except Moondyne Yagan) Rye Triticale	Wild Oats	Growing actively at 2-4 leaf (pre-tillering)	WA only	250g	Apply in first 4-6 weeks to unstressed crops and weeds when the majority of crop plants are at growth stage Z12. Application to lush crops may increase likelihood of yellowing and/or growth retardation.
				*	
		Growing actively up to early tillering (Maximum of 2 tillers)		380g	Use where application is delayed and the majority of crop plants are at growth stage Z13. This is the preferred rate for dense wild oat populations. Use this rate if tank mixing with listed broadleaf herbicides.
				*	
Wild Oats and Annual ryegrass in mixed infestations	Growing actively up to early tillering (Maximum of 2 tillers)			380g	Use when wild oats predominate. Apply when the majority of crop plants are at growth stage Z13.
				*	
	Growing actively at 2-4 leaf (pre-tillering)				Do not apply to tillered ryegrass. Use of higher spray volumes may assist control. Tank mixes with listed broadleaved herbicides may reduce ryegrass control.

**\*ALWAYS ADD SUPERCHARGE OR COLLABORATE SPRAY ADJUVANT. THE NORMAL RATE IS 750 mL PER 100L SPRAY SOLUTION. INCREASE THE RATE TO 1L PER 100L UNDER DRYING CONDITIONS. ALWAYS USE 1L PER 100L FOR AERIAL APPLICATION.**

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

**WITHHOLDING PERIOD:**

**DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER APPLICATION.**

## **GENERAL INSTRUCTIONS**

### **Resistant Weeds Warning**

<b>GROUP</b>	<b>A</b>	<b>HERBICIDE</b>
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Density WG Herbicide is a member of the cyclohexanedione group of herbicides. The product has the inhibition of acetyl-coA carboxylase mode of action. For weed resistance management, the product is a Group A Herbicide. Some naturally occurring weed biotypes resistant to the product and other Group A Herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by this product or any other Group A herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Sipcam Pacific Australia Pty Ltd Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

### **MIXING**

Only use sprayers in good working condition with high capacity agitation. Ensure the sprayer is cleaned according to the label instructions on the product used prior to Density WG Herbicide. Use only clean water for the spray solution. Ensure that all in-line strainer and nozzle screens in the sprayer are 100 mesh or coarser. DO NOT use cartridge or disc filters after the spray tank outlet, or have two (or more) filters directly after each other anywhere in the system. Begin to fill spray tank with clean water, and engage agitator. Agitation must be continued throughout the entire mixing and spraying procedure. When the sprayer is half full of water, add Density WG Herbicide slowly to the spray tank through the tank opening or through a hopper designed to handle granules. The hopper should be dry before adding Density WG Herbicide granules.

- DO NOT premix Density WG Herbicide.
- Add the total required amount of Density WG Herbicide from all cartons first, prior to adding other herbicides or Supercharge or Collaborate Spray Adjuvant adjuvant.
- Wait at least one minute after the last of the Density WG Herbicide has been added to the tank to allow for complete dispersion of the granules.
- Add the recommended broadleaf weed herbicide or insecticide next if tank mixing.
- Slowly add Supercharge or Collaborate Spray Adjuvant to the tank last, in at least 10 times its volume of water especially where a suction (filling) probe or hopper is used.
- Continue to fill tank to desired level with water.

## **SPRAYING INSTRUCTIONS**

### **Ground Equipment**

Apply in a spray volume of 50 - 150 litres of water per hectare at a pressure of 250 - 350 kPa to ensure proper dispersion and spraying characteristics of the Density WG Herbicide spray mix. Use flat fan nozzles such as Spraying Systems 110-01, 110-015, 110-02 or equivalent sizes from other manufacturers. DO NOT use 110-03 or bigger nozzles with Density WG Herbicide. DO NOT use floodjet nozzles, boomless jets or misters or controlled droplet application equipment. Nozzles may be angled forward 45° to enhance penetration of the crop and provide better coverage. Always ensure that agitation is continued until spraying is completed even if stopped for brief periods of time. If the agitation is stopped for more than 5 minutes re-suspend the spray solution by running on full agitation until the settled particles are fully re-suspended, prior to spraying. The spray mixtures of Density WG Herbicide and Supercharge or Collaborate Spray Adjuvant may be left overnight without loss of efficacy provided the settled product is completely re-suspended by stirring and/or agitation prior to re-use.

### **Aerial Equipment**

Apply through boom or Micronair units in 20-30 litres of water per hectare. The use of the higher volume is preferred due to more reliable results. Droplet size should be 200 - 250 microns (VMD) and swath width should not be wider than recommended for type of application unit. Weed control following aerial application may not be as good as from ground application.

### **Crop Safety**

Density WG Herbicide is applied to stressed crops or treatment is followed by stress or if crop plants have less than 2 true leaves (Z12), yellowing or growth retardation may occur. Crops normally recover without loss in yield. Avoid double spraying (overlap).

### Plant back Periods

DO NOT plant sorghum, maize or rice for a period of four weeks after application of Density WG Herbicide. Allow at least 10 days between application of Density WG Herbicide and any other herbicide, except Esteem for which the interval should be 14 days after Density WG Herbicide. Allow at least 10 days between application of Density WG Herbicide and any fertiliser treatment.

### Compatibility

For broadleaved weed control, Density WG Herbicide may be mixed as below.

State	Density WG Herbicide g/ha	Co-herbicide maximum L/ha	
Qld, NSW, Vic, SA only	380-500g	Quattro®, Buctril®MA	1.0-1.4
	380-500g	Polo®, MCPA ester	0.5/1.0
	380-500g	Tigrex® (Mixture may cause temporary chlorosis)	0.8
	380-500g	Lontrel®	0.3
	380-500g	Eclipse®	7g
WA only	380-500g	Quattro®, Buctril®MA	1.0
	380-500g	Polo®, MCPA ester *Note restriction on Kulin.	0.5*
	380-500g	Tigrex® (Mixture may cause temporary chlorosis)	0.8
	380-500g	Lontrel®	0.3
	380-500g	Eclipse®	7g

DO NOT mix Density WG Herbicide with 2,4-D, MCPA amine, dicamba or Esteem (Metsulfuron-methyl). Allow at least 10 days between application of Density WG Herbicide and herbicides containing 2,4-D, MCPA amine, dicamba or similar actives. Allow at least 14 days between application of Density WG Herbicide and Esteem (Metsulfuron-methyl). A Density WG Herbicide should be applied prior to the broadleaved herbicides.

### Insecticides

Density WG Herbicide is compatible with Ambush, Dominex, Imidan, Karate and Saboteur.

### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS:

DO NOT apply under weather conditions or from spraying equipment, which may cause spray to drift onto nearby susceptible plants, cropping lands or pastures.

### PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Moderately hazardous to fish. DO NOT contaminate streams, rivers or waterways with the product or used containers.

### STORAGE AND DISPOSAL

Store in the closed, original container in a dry, well-ventilated locked room or place and away from children, animals, food, feedstuffs, seed and fertilisers. DO NOT store for prolonged periods in direct sunlight. The method of disposal of the container depends on the container type. Read the Storage and Disposal instructions on the label that is attached to the container.

### SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes. If product in eyes, wash it out immediately with water. When preparing the spray wear face shield and goggles. Wash hands after use. After each day's use, wash face shield and goggles.

### FIRST AID

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Density and Collaborate are registered trademarks of Sipcam Pacific Australia Pty Ltd  
Ambush, Karate and Supercharge are registered trademarks of Syngenta Crop Protection.  
Imidan is used under licence from the trademark proprietor.  
Ally is a trademark of E I duPont de Nemours & Co. Inc.  
Buctril, Tigrex and Jaguar are registered trademarks of Rhone-Poulenc.  
Quattro is a registered trademark of CFPI, Gennevilliers, France.  
Eclipse and Lontrel are registered trademarks of DowElanco.  
Dominex is a registered trademark of FMC Corporation, USA.  
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