

*Text appearing above this line does not form part of the label*

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

# Sinochem CADIM™ 400 WG Herbicide

ACTIVE CONSTITUENT: 400 g/kg TRALKOXYDIM

GROUP **A** HERBICIDE



RLP  
Approved

For the control of wild oats and annual ryegrass and suppression of annual phalaris in wheat, barley, rye and triticale as specified in the DIRECTIONS FOR USE table.

**IMPORTANT: READ THE LEAFLET BEFORE USE.**

NET CONTENTS: 5kg, 10kg, 15kg, 50kg

APVMA APPROVAL No: 67517/61042



**SINOCHEN AGRO**

Sinochem Agro Co., Ltd.  
Level 1,  
1 Queens Road  
MELBOURNE, VICTORIA 3004  
Phone: 03 9863 8080

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**STORAGE AND DISPOSAL (5kg)**

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. 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 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.

**STORAGE AND DISPOSAL (10, 15, 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 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**

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

**FIRST AID**

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

**MATERIAL SAFETY DATA SHEET**

Additional information is listed in the Material Safety Data Sheet (MSDS) which can be obtained from Sinochem Agro Co., Ltd.

**NOTICE TO BUYER:**

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. No warranty of merchantability for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under abnormal conditions.

Cadim is a Trademark of Sinochem Agro Co., Ltd.

**Batch Number:**

**Date of Manufacture:**



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**IN A TRANSPORT EMERGENCY  
DIAL 000  
POLICE OR FIRE BRIGADE**

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GROUP	<b>A</b>	HERBICIDE
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**DIRECTIONS FOR USE:**

**RESTRAINTS:**

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	300 g *	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.
				380 g *	Apply in the first 4-6 weeks to unstressed crops and weeds when the majority of crop plants have 3 leaves. This is the minimum rate if tank mixing with listed broadleaf herbicides.
				430 g *	Apply in first 4-6 weeks when the majority of crop plants have 3 leaves. Use this rate under dry soil conditions or if applying during August onwards. Use of Supercharge at 1L per 100L may improve weed control under these conditions.
		500 g *		Use where application is delayed. Do not apply to pre-tillered crops. Use of Supercharge 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 at 1L per 100L may improve weed control if soil is dry or if applying during August onwards.
		Growing actively up to early tillering (Maximum of 2 tillers)		500 g *	Do not apply to pre-tillered crops. Use of Supercharge 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)		380-500 g *	Do not apply to tillered ryegrass. Using spray volumes of 70-100L/ha may assist control. Tank mixes of the lower rate with listed broadleaved herbicides may reduce ryegrass control.
	Annual phalaris (suppression only of Paradoxa grass, Lesser canary grass)	Growing actively at 2-4 leaf (pre-tillering)		380-500 g*	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 70-100L/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.

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Crop	Weeds Controlled	Weed Stage	State	Rate/ha	Critical Comments
Wheat Barley (except Moondyne Yagan) Rye Triticale	Wild oats	Growing actively at 2-4 leaf (pre- tillering)	WA only	250 g*	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)		380 g*	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)		380 g*	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)			

\* ALWAYS ADD SUPERCHARGE. THE NORMAL RATE IS 750mL 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

GROUP	<b>A</b>	HERBICIDE
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Sinochem CADIM 400 WG Herbicide is a member of the cyclohexanediones group of herbicides. Sinochem CADIM 400 WG Herbicide has the inhibitors of acetyl coA carboxylase mode of action. For weed resistance management Sinochem CADIM 400 WG Herbicide is a Group A herbicide. Some naturally occurring weed biotypes resistant to Sinochem CADIM 400 WG Herbicide and other inhibitors of acetyl coA carboxylase 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 Sinochem CADIM 400 WG Herbicide or other inhibitors of acetyl coA carboxylase herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Sinochem Agro Co., Ltd. accepts no liability for any losses that may result from the failure of Sinochem CADIM 400 WG Herbicide to control resistant weeds.

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### **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 Sinochem CADIM 400 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 Sinochem CADIM 400 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 Sinochem CADIM 400 WG Herbicide granules.

- Do not premix Sinochem CADIM 400 WG Herbicide.
- Add the total required amount of Sinochem CADIM 400 WG Herbicide from all cartons first, prior to adding other herbicides or Supercharge adjuvant.
- Wait at least one minute after the last of the Sinochem CADIM 400 WG Herbicide has been added to the tank to allow complete dispersion of the granules.
- Add the recommended broadleaf weed herbicide or insecticide next if tank mixing.
- Slowly add Supercharge 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 Sinochem CADIM 400 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 Sinochem CADIM 400 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 Sinochem CADIM 400 WG Herbicide and Supercharge 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 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 plane and application unit. Weed control following aerial application may not be as good as from ground application.

#### **Crop Safety**

If Sinochem CADIM 400 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).

#### **Plantback Periods**

Do not plant sorghum, maize or rice for a period of four weeks after application of Sinochem CADIM 400 WG Herbicide. Allow at least 10 days between application of Sinochem CADIM 400 WG Herbicide and any other herbicide, except Metsulfuron-Methyl 600 WG for which the interval should be 14 days after Sinochem CADIM 400 WG Herbicide. Allow at least 10 days between application of Sinochem CADIM 400 WG Herbicide and any fertilizer treatment.

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### Compatibility

For broadleaved weed control, Sinochem CADIM 400 WG Herbicide may be mixed as below.

State	Sinochem CADIM 400 WG Herbicide g/ha	Co-herbicide maximum L/ha
Qld, NSW, Vic, SA only	380-500g	Quattro <sup>®</sup> ; Bromoxyinol 200 MCPA (as 2-ethyl hexyl ester) 200 EC Herbicide 1.0-1.4
	380-500g	MCPA (as 2-ethyl hexyl ester) 500EC Herbicide 0.5/1.0
	380-500g	Tigrex <sup>®</sup> (mixture may cause temporary chlorosis) 0.8
	380-500g	Clopyralid (as triisopropylamine salt) 300 AC Herbicide 0.3
	380-500g	Eclipse <sup>®</sup> 7g
WA only	380g	Quattro <sup>®</sup> ; Bromoxyinol 200 MCPA (as 2-ethyl hexyl ester) 200 EC Herbicide 1.0
	380g	MCPA (as 2-ethyl hexyl ester) 500EC Herbicide 0.5* *Note restriction on Kulin
	380g	Tigrex <sup>®</sup> (mixture may cause temporary chlorosis) 0.8
	380g	Clopyralid (as triisopropylamine salt) 300 AC Herbicide 0.3
	380g	Eclipse <sup>®</sup> 7g

DO NOT mix Sinochem CADIM 400 WG Herbicide with 2,4-D, MCPA amine, dicamba or Metsulfuron-Methyl 600 WG. Allow at least 10 days between application of Sinochem CADIM 400 WG Herbicide and herbicides containing 2,4-D, MCPA amine, dicamba or similar actives. Allow at least 14 days between application of Sinochem CADIM 400 WG Herbicide and Metsulfuron-Methyl 600 WG. Sinochem CADIM 400 WG Herbicide should be applied prior to the broadleaved herbicides.

### Insecticides

Sinochem CADIM 400 WG Herbicide is compatible with permethrin 500 g/L, alpha-cypermethrin 100 EC, phosmet 150 g/L, lambda-cyhalothrin 250 g/L and dimethoate 400 g/L.

### 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/crops, cropping lands or pastures.

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

Moderately hazardous to fish. DO NOT contaminate streams, rivers and waterways with the chemical or used container.

### STORAGE AND DISPOSAL

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. 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.

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**SAFETY DIRECTIONS**

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

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