

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

Pledge[®] 500WG

HERBICIDE

ACTIVE CONSTITUENT: 500 g/kg FLUMIOXAZIN

GROUP **G** HERBICIDE

For rapid knockdown and control of various grass and broadleaved weeds when mixed with certain glyphosate or paraquat/diquat herbicides, and for control of volunteer cotton when applied alone, prior to sowing cotton and its rotation crops, or for rapid knockdown and control of various broadleaved weeds when applied as a directed spray in cotton.

GENERAL INSTRUCTIONS

MIXING

To ensure even mixing, half-fill the spray tank with clean water and add the required amount of Pledge 500WG Herbicide. Mix thoroughly. Add the knockdown herbicide and remaining water. Mix thoroughly. Add spray additive near the end of the filling process to minimize foaming. Always maintain adequate agitation during application and use the tank mix promptly.

APPLICATION

Refer to the Direction for Use and General Instructions of the knockdown herbicide label.

SPRAYER CLEANUP

After Pledge 500WG is applied the following steps must be taken to clean the spray equipment.

1. Completely drain the spray tank, rinse the sprayer thoroughly, including the inside and outside of the tank and all in-line screens.
2. Fill the spray tank with clean water and flush all hoses, booms, screens and nozzles.
3. Add 1 litre of 3% household ammonia for every 100 litres of water, circulate through sprayer for five minutes, then flush all hoses, booms, screens and nozzles for a minimum of fifteen minutes.
4. Drain tank completely.
5. Add enough clean water to the spray tank to allow all hoses, booms, screens and nozzles to be flushed for two minutes.
6. Remove all nozzles and screens and rinse them in clean water.

Equipment with Pledge 500WG residue remaining in the system may result in crop injury to the subsequently treated crop.

COMPATIBILITY

Pledge 500WG Herbicide is compatible with:

Roundup CT Herbicide
Roundup Max Herbicide
Roundup Ready Herbicide
Nufarm Glyphosate CT Herbicide
Spray·Seed 250 Herbicide

RESISTANT WEEDS WARNING

GROUP **G** HERBICIDE

Pledge 500WG Herbicide is a member of the diphenyl ether group of herbicides. The mode of action of Pledge 500WG Herbicide is to inhibit protoporphyrinogen oxidase. For weed resistance management, Pledge 500WG Herbicide is a Group G Herbicide.

Some naturally-occurring weed biotypes resistant to Pledge 500WG Herbicide and other Group G 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 Pledge 500WG Herbicide or other Group G Herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Sumitomo Chemical Australia Pty Ltd accepts no liability for any losses that may result from the failure of Pledge 500WG Herbicide to control resistant weeds.

Strategies to minimize the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant or local Department of Agriculture.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply Pledge 500WG Herbicide under weather conditions (e.g. wind) or from spray equipment that may cause spray to drift onto nearby susceptible crops/plants, cropping lands or pastures.

A 15 meter buffer must be observed between sprayed areas and any downwind adjacent vegetation. Care should be taken to avoid damage to adjoining native grasses or grass crops.

Pledge 500WG Herbicide should not be applied through misting equipment or any other method likely to cause excessive drift.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the product or used containers.

DO NOT apply Pledge 500WG Herbicide if wind is likely to cause drift onto natural and impounded lakes, waterways, streams or rivers.

A 15 meter buffer must be observed between sprayed areas and downwind natural and impounded lakes, dams, waterways, streams or rivers.

STORAGE AND DISPOSAL

Store in a locked room or place away from children, animals, food, feedstuffs and fertilizers. Store in the closed, original container in a dry, cool well-ventilated area out of direct sunlight. Shake empty container into spray tank.

DO NOT dispose of undiluted chemicals on-site. Puncture, or shred and bury empty containers in a local authority landfill. If not 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.

SMALL SPILL MANAGEMENT

Sweep up material and contain in a refuse vessel for disposal in the same manner as for containers (see Storage and Disposal).

SAFETY DIRECTIONS

WARNING: THIS PRODUCT CONTAINS FLUMIOXAZIN WHICH CAUSES BIRTH DEFECTS IN CERTAIN LABORATORY ANIMALS. WOMEN OF CHILD BEARING AGE ARE ADVISED NOT TO MIX, LOAD OR SPRAY THIS PRODUCT. THEY SHOULD KEEP OUT OF AREAS BEING SPRAYED.

Poisonous if absorbed by skin contact or swallowed. Will irritate eyes and skin. Avoid contact with eyes and skin. Wash hands after use.

When opening the container and preparing spray wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves and face shield or goggles.

After each day's use, wash gloves, face shield or goggles and contaminated clothing.

RE-ENTRY

Do not enter treated areas until the spray has dried unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing).

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet (MSDS).

NOTICE TO BUYER

Sumitomo Chemical Australia Pty Ltd will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply or use of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatory imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such statutes the liability of Sumitomo Chemical Australia Pty Ltd is limited to the replacement of the goods or (at the option of Sumitomo Chemical Australia Pty Ltd) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Sumitomo Chemical Australia Pty Ltd.

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Uptake is a Trademark of Dow AgroSciences LLC. Roudup is a Registered trademark of Monsanto Company USA.

Spray Seed is a Registered trademark of a Syngenta Group Company.

APVMA Approval No.: 54420/1kg/1206

THIS PRODUCT IS NOT CONSIDERED TO BE A DANGEROUS GOOD UNDER THE AUSTRALIAN CODE FOR THE TRANSPORT OF DANGEROUS GOODS BY ROAD OR RAIL	
In a Transport Emergency Dial 000 Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY ALL HOURS - AUSTRALIA WIDE 1800 024 973

DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply by air.

DO NOT treat weeds under poor growing or dormant conditions (such as occur in drought, waterlogging, disease, insect damage or following frosts) as reduced control may result. Weeds should be actively growing at time of treatment.

CROP SITUATION	WEEDS CONTROLLED	RATE (mL/ha)	STATE	CRITICAL COMMENTS
PRIOR TO SOWING Cotton	Refer to the glyphosate, glyphosate- trimesium and paraquat/diquat product labels for details of the weeds controlled.	30 g/ha of Pledge plus the label rate of tank mix partner plus an adjuvant [®]	NSW and QLD only	<p>Observe the restraints, rates, mixing and general instructions on the knockdown herbicide product labels.</p> <p>Addition of Pledge 500WG Herbicide to knockdown products will increase the speed at which treated weeds develop visible symptoms of phytotoxicity (compared to the results achieved with tank mix partner products alone) and may improve the final control of certain broadleaved weeds.</p> <p>To ensure uptake of Pledge 500WG Herbicide DO NOT sow crops for at least one hour after application. Always refer to the tank-mix partner product label in case a longer sowing interval is required.</p> <p>[®]Always apply with Hasten Spray Adjuvant or Kwickin Spray Adjuvant at 0.5 - 1L/100L (use the lower rate on smaller, actively growing weeds), or Uptake Spraying Oil at 500 mL/100L.</p>
	<p>The addition of Pledge 500WG Herbicide to glyphosate will increase the speed of brownout and may improve final control of the following weeds:</p> <p>Bellvine (<i>Ipomoea plebeia</i>) Bladder ketmia (<i>Hibiscus trionum</i>) Caltrop (<i>Tribulus terrestris</i>) Capeweed (<i>Arctotheca calendula</i>) Cow vine (<i>Ipomoea lonchophylla</i>) Doublegee (<i>Emex australis</i>) Erodium False castor oil (<i>Datura stromonium</i>) Liverseed grass (<i>Urochloa panicoides</i>) Marshmallow (<i>Malva parviflora</i>) <i>Medicago</i> spp. Noogoora burr (<i>Xanthium occidentale</i>) Paterson's Curse (<i>Echium plantagineum</i>) Seedling Lucerne (<i>Medicago sativa</i>) Shepherd's Purse (<i>Capsella bursa-pastoris</i>) Sowthistle (<i>Sonchus oleraceus</i>) Sunflower (<i>Helianthus annus</i>) Redroot amaranth (<i>Amaranthus retroflexus</i>) Subterranean clover * (<i>Trifolium subterraneum</i>) Volunteer canola (<i>Brassica napus</i>) Wild radish (<i>Raphanus raphanistrum</i>) Wireweed (<i>Polygonum aviculare</i>)</p> <p>If one of the above weeds is the dominant weed, and there is no specific rate for it on the glyphosate product label, consult the label's generic annual-weed rate range. Select from within this range to suit the weed-stage, weed density, conditions etc of your situation.</p> <p>* Suppression only</p>			

Pledge® 500WG

CROP SITUATION	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE (mL/ha)	STATE	CRITICAL COMMENTS
PRIOR TO SOWING Cotton Maize Mungbeans Sorghum Soybeans and Sunflowers	Volunteer cotton including volunteer Roundup Ready cotton	up to 4 leaf	45 g/ha of Pledge plus an adjuvant [Ⓞ]	NSW and QLD only	<p>DO NOT apply post-sowing pre-emergent.</p> <p>Apply up to 24 hours prior to sowing.</p> <p>Pledge 500WG can be tank mixed with glyphosate to control other weeds that are present. Refer to the glyphosate label for the appropriate label rate according to the weeds present.</p> <p>[Ⓞ]Always apply with Hasten Spray Adjuvant or Kwickin Spray Adjuvant at 0.5 - 1 L/100 L (use the lower rate on smaller, actively growing weeds), or Uptake Spraying Oil at 500 mL/100 L.</p>
Cotton Lay-by application	Bladder ketmia Noogoora burr	up to 6 leaf	60 g/ha plus an adjuvant [Ⓞ]		<p>Apply as a shielded spray underneath cotton foliage and to inter rows to control late germinating weeds, or weeds that have escaped previous herbicide operations.</p> <p>Vines that have commenced climbing may not be controlled.</p> <p>CAUTION: Pledge 500WG will defoliate any cotton foliage that is contacted by the spray. Shielded sprayers must be operated to ensure that spray does not make contact with cotton foliage.</p> <p>DO NOT apply in conditions conducive to drift.</p> <p>DO NOT apply until cotton plants are 40 cm tall.</p> <p>DO NOT allow contact with green bark or stems or trunks.</p> <p>[Ⓞ]Always apply with Hasten Spray Adjuvant or Kwickin Spray Adjuvant at 0.5 - 1 L/100 L (use the lower rate on smaller, actively growing weeds), or Uptake Spraying Oil at 500 mL/100 L.</p>
	Cow vine Yellowvine (<i>Tribulus micrococcus</i>)	up to 12 leaf			
	Bellvine	up to 12 leaf	90 g/ha plus an adjuvant [Ⓞ]		

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

WITHHOLDING PERIOD:

Grazing: Do not graze or cut for stock food for 6 weeks after application.

Harvest: Not required when used as directed.