

POISON

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

OzCrop

Flumioxazin 500 WG

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, as per the Directions for Use table.

NET CONTENTS:

500g (10 x 50g)

1kg (10 x 100g)

2kg (10 x 200g)

2.5kg (10 x 250g)

3kg (10 x 300g)

5kg (10 x 500g)

10kg (20 x 500g)

20kg (40 x 500g)

NOT A DANGEROUS GOOD
ACCORDING TO THE AUSTRALIAN
DANGEROUS GOODS (ADG) CODE.

BATCH NO.

DATE OF MANUFACTURE:

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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.

All States

CROP SITUATION	WEEDS CONTROLLED	RATE (g/ha)	CRITICAL COMMENTS.
<p>PRIOR TO SOWING Barley, chick peas, cotton, faba beans, field peas, lentils, lupins, maize, mung beans, oats, sorghum, soybeans, sunflowers, and wheat</p>	<p>Follow the Directions for Use of the glyphosate and paraquat/diquat knockdown herbicides, and the addition of OzCrop Flumioxazin 500 WG Herbicide 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 Capeweed (<i>Arctotheca calendula</i>) Cow vine (<i>Ipomoea ionchophylla</i>) Doublegee (<i>Emex australis</i>) <i>Erodium</i> spp 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 annuus</i>) Red root 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. * Suppression only</p>	<p>30 g/ha of OzCrop Flumioxazin 500 WG plus the label rate of tank mix partner plus an adjuvant#</p>	<p>Observe the restraints, rates, mixing and general instructions on the knockdown herbicide product labels. Best results are obtained when applied to young weeds between the 2- and 6-leaf stage. Addition of OzCrop Flumioxazin 500 WG 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. To ensure uptake of OzCrop Flumioxazin 500 WG 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. #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>

Note:

The addition of OzCrop Flumioxazin 500 WG Herbicide to glyphosate, paraquat or diquat will not help to control large weeds or weeds that have hardened up from stress or established big tap roots.

Glyphosate resistant weeds may not be controlled by addition of OzCrop Flumioxazin 500 WG Herbicide.

See application section for recommendations to get the best results.

CROP SITUATION	WEEDS CONTROLLED	WEED GROWTH STAGE	RATE (g/ha)	STATE	CRITICAL COMMENTS
Prior to Sowing Cotton Maize Mung beans Sorghum Soybeans and Sunflowers	Volunteer cotton Including volunteer Roundup Ready Cotton	Up to 4 leaf	45g/ha of OzCrop Flumioxazin 500 WG plus adjuvant#	NSW & Qld only	DO NOT apply post-sowing pre-emergent. Apply up to 24 hours prior to sowing. DO NOT sow crops for at least one hour after application. OzCrop Flumioxazin 500 WG Herbicide 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. #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 500mL/100L
Cotton Lay-by application	Noogoora burr Yellowvine (<i>T. micrococcus</i>)	Up to 4 leaf Up to 12 leaf	60g/ha plus an adjuvant#		Apply as a shielded spray underneath cotton foliage and to interrows to control late germinating weeds, or weeds that have escaped previous herbicide operations. Best results are obtained when applied to young weeds between the 2 and 6 leaf stage. Vines that have commenced climbing may not be controlled. CAUTION: OzCrop Flumioxazin 500 WG Herbicide will defoliate any cotton foliage that is contacted by the spray. Shielded sprayers must be operated to ensure that the spray does not make contact with the cotton foliage. DO NOT apply in conditions conducive to drift. DO NOT apply until cotton plants are 40cm tall. DO NOT allow contact with green bark on stems or trunks. #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 500mL/100L.
	Bellvine Cowvine	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:

PRE-PLANT KNOCKDOWN, CEREAL GRAINS (WHEAT, BARLEY, OATS, MAIZE AND SORGHUM), PULSES (LUPINS, CHICKPEAS, FABA BEANS, FIELD PEAS, LENTILS AND MUNG BEANS), OILSEEDS (SOYBEANS AND SUNFLOWERS) AND COTTON:

GRAZING: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 6 WEEKS AFTER APPLICATION.

HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS

MIXING

OzCrop Flumioxazin 500 WG is a water dispersible granule formulation and is contained within a water soluble bag. The water soluble bags dissolve readily in water. **DO NOT** handle water soluble bags or expose to moisture because this may cause breakages. **DO NOT** touch bags with wet hands or place on wet surfaces. **DO NOT** damage foil Sachets that contain the water soluble bags. Protect unused Sachets by keeping them in the original container. Open Sachets only as needed.

To ensure even mixing, half-fill the spray tank with clean water. Tear open the necessary number of sachets and drop the water soluble bags contained in them into the spray tank **without touching the bags**. Keep the agitation system engaged. Mix thoroughly until fully dissolved. 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

Apply in a minimum of 80L spray solution per hectare.

Refer to the Directions for Use and General instructions of the knockdown herbicide label.

As OzCrop Flumioxazin 500 WG is a contact herbicide, coverage is important. Performance of OzCrop Flumioxazin 500 WG as a knockdown or with a partner on weeds or on volunteer cotton may be reduced with large droplets and poor coverage. Air induction nozzles that deliver coarse droplets at high traveling speeds, low pressure and low water rates may reduce coverage and herbicide performance. Air induction nozzles can produce variable results when used with oil. Best results with OzCrop Flumioxazin 500 WG are achieved with medium droplets produced by wide-angle flat fan or twin jet nozzles. If the partner herbicide requires coarse droplets, then ensure high water volumes >80 L/ha are used.

SPRAYER CLEANUP

When cleaning spraying equipment, wear cotton overalls buttoned to the neck and wrist and elbow-length chemical resistant gloves. After OzCrop Flumioxazin 500 WG is applied the following steps must be taken to dean the spray equipment.

- Completely drain the spray tank, rinse the sprayer thoroughly, including the inside and outside of the tank and all in-line screens.
- Fill the spray tank with clean water and flush all hoses, booms, screens and nozzles.
- Add 1 litre of 3% household ammonia or similar alkaline based tank cleaner 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.
- Drain tank completely.
- Add enough dean water to the spray tank to allow all hoses, booms, screens and nozzles to be flushed for two minutes.
- Remove all nozzles and screens and rinse them in clean water.

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

COMPATIBILITY

OzCrop Flumioxazin 500 WG Herbicide is compatible with:

Roundup Powermax Herbicide, Roundup Ready Herbicide with Plant Shield, Glyphosate 450, Nufarm Weedmaster DST or Nufarm Weedmaster Argo Dual Salt Technology Herbicide Spray-Seed 250 Herbicide or Nufarm Revolver Herbicide, Gramoxone Herbicide or Nufarm Nuquat 250 Non-residual Knockdown Herbicide , 2,4-D Ester Herbicide or Nufarm Estercide Xtra 680 or Nufarm Estercide 800 Herbicide, Nufarm Amicide Advance 700 Selective Herbicide

RESISTANT WEEDS WARNING

OzCrop Flumioxazin 500 WG Herbicide is a member of the N-phenylphthalimides group of herbicides. The mode of action of OzCrop Flumioxazin 500 WG Herbicide is to inhibit protoporphyrinogen oxidase. For weed resistance management, OzCrop Flumioxazin 500 WG Herbicide is a Group G Herbicide.

GROUP	G	HERBICIDE
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Some naturally-occurring weed biotypes resistant to OzCrop Flumioxazin 500 WG 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 OzCrop Flumioxazin 500 WG Herbicide or other Group G Herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, OzCrop Pty Ltd accepts no liability for any losses that may result from the failure of OzCrop Flumioxazin 500 WG 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 OzCrop Flumioxazin 500 WG 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 metre 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.

OzCrop Flumioxazin 500 WG 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 OzCrop Flumioxazin 500 WG 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, feed stuffs and fertilizers. Store in the closed, original container in a dry, cool well-ventilated area out of direct sunlight. **DO NOT** store in or expose product to wet conditions. Rough handling of product may cause breakage of water soluble bags, especially at low temperatures.

DO NOT dispose of undiluted chemicals on-site. Break, crush or puncture sachets and containers and deliver empty packaging to an approved

waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

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: CONTAINS FLUMIOXAZIN WHICH CAUSES BIRTH DEFECTS IN LABORATORY ANIMALS. WOMEN OF CHILD BEARING AGE SHOULD AVOID CONTACT WITH FLUMIOXAZIN

Poisonous if absorbed by skin contact or swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin. Open sachets only as needed. When opening the container, preparing spray and using the prepared spray, wear cotton overalls over normal clothing, buttoned to the neck and wrist and a washable hat and elbow-length chemical resistant gloves and face shield. 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 and face shield and contaminated clothing.

SAFE WORK AUSTRALIA

Very toxic to aquatic life with long lasting effects.

Avoid release to the environment.

IF exposed or concerned: Get medical advice/attention.

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) and chemical resistant gloves. Clothing must be laundered after each day's use.

FIRST AID

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

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet (SDS) obtained from OzCrop Pty Ltd.

IMPORTANT NOTICE

These goods are to be used only for the purpose and as specified on the label, and are not suitable for any other purpose. To the fullest extent permitted by law, we do not accept or bear any liability on any basis for any loss, damage, cost or expense, arising in any way, directly or indirectly, in connection with the goods.

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