



KENSO AGCARE SULFONYLUREA

— RANGE —

QUALITY CROP PROTECTION



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What are Sulfonylurea Herbicides?

The Sulfonylurea (SU) group of herbicides are particularly effective on broadleaf weeds and some grass weeds in many use situations.

They belong to herbicide resistance Group B and are extremely active so only require small dose rates in comparison to other herbicide groups. Used as both stand-alone and tank-mix partners, Sulfonylureas represent very good value for growers with the added benefit of reduced handling, storage, packaging disposal and transport.

SU herbicides are taken up by the roots and foliage and act by disrupting protein synthesis of the enzyme acetolactate synthase (ALS). This interference subsequently blocks the biosynthesis of branched-chain amino acids that are essential for plant cell growth and division. This leads to the eventual death of the targeted weed plants.

Crop selectivity results from rapid metabolic inactivation of the herbicide in the SU tolerant crops. SU tolerant crops also exhibit slower translocation of the herbicide to growing regions than susceptible weed species.

After application SU herbicides degrade in soil through a combination of bridge hydrolysis and microbial degradation.

FEATURES OF SULFONYLUREA HERBICIDES

- ✓ Group B Herbicides
- ✓ Broad-spectrum activity on a wide range of broadleaf weed species and some sedges
- ✓ Highly effective in-crop weed control at low application rates
- ✓ Economical choice in weed control
- ✓ Ideal mixing partner for knock-down and in-crop situations

THE KENSO SULFONYLUREA RANGE

- ARCORE 750 WG
- GURU 750 WG
- KEN-CHLOR 750 WG
- KEN-GRAN 750 WG
- KEN-MET 600 WG
- KENDAX 600 WG
- KENPRA 750 WG



ARCORE 750 WG

ARCORE 750 WG is a selective herbicide mainly used for the control of brome grass, barley grass, wild turnip and other weeds in wheat and triticale crop situations

- ARCORE 750 WG is absorbed by foliage and roots and is then rapidly translocated throughout the plant
- ARCORE 750 WG is a water dispersible granule that dissolves rapidly
- ARCORE 750 WG is compatible with various other products
- The low dose rate means less packaging for handling, storage and transport
- No drum muster applicable.
- Can be used as a pre-emergent, incorporated by sowing, for the control of wild turnip and suppression of barley grass and brome grass
- Post-emergent for the control of silver grass, wild radish and wild turnip, and suppression of barley grass, brome grass, wild mustard (*Sinapsis arvensis*) and wild oats

PRODUCT BEST USE TIPS

Post-Emergent Treatment

- ✓ For post-emergent use weeds should be young and actively growing
- ✓ Best post-emergent control is obtained when rainfall wets the soil to depth of 5 – 7.5cm within 7-10 days of application

Pre-Emergent Treatment

- ✓ For pre-emergent application, apply to bare soil prior to or at sowing and incorporate by the sowing operation to give thorough mixing

General Best Use Tips

- ✓ Use higher water volumes where crop or weed density is high
- ✓ Apply by boom spray with flat fan nozzles
- ✓ When using on crops other than wheat and triticale, ensure to follow sprayer clean-up instructions outlined on the product label

PRODUCT DETAILS

PRODUCT:
ARCORE 750 WG

ACTIVE CONSTITUENT:
750 g/kg SULFOSULFURON

FORMULATION: WG

GROUP: B

APVMA Approval Number:
85716 / 113907



GURU 750 WG

GURU 750 is an excellent option for broadleaf weed control in fallows and pre-crop situations and is particularly useful where a short plant-back period is required.

- GURU 750 WG Herbicide has the inhibitor of Acetolactate Synthase (ALS) mode of action, which is a key enzyme in the biosynthesis of essential amino acids for plant metabolism.
- GURU 750 WG Herbicide is compatible with Glyphosate herbicides.
- Effective control of Amaranthus, Caltrop, Common Sowthistle/ Milkthistle, Black Bindweed, Common Thornapple, Deadnettle, Mintweed, Pigweed/Portulaca, Prickly Lettuce, Medics, New Zealand Spinach and Turnip Weed.

PRODUCT BEST USE TIPS

- ✓ Best results are obtained when GURU 750 WG is applied to young actively growing weeds
- ✓ Use prepared spray suspensions within two days of preparation
- ✓ DO NOT apply to weeds that are not actively growing or stressed by any cause such as adverse weather conditions, drought and water logging
- ✓ DO NOT apply if rainfall is expected within 2 hours
- ✓ Warm, moist conditions following treatment promote the activity of GURU 750 WG Herbicide
- ✓ Where recommended the addition of Glyphosate will enhance knockdown and control of weeds
- ✓ DO NOT apply when a temperature air inversion is likely to occur
- ✓ Maintain agitation of GURU throughout application to maintain suspension of product
- ✓ Use of Surfactant/Wetting Agent - Always add non-ionic surfactant (1000g/L – non-buffering type) at 100 mL/100L (0.1% v/v) of final spray volume.

PRODUCT DETAILS

PRODUCT:
GURU 750 WG

ACTIVE CONSTITUENT:
750 g/kg
TRIBENURON-METHYL

FORMULATION: WG

GROUP: B

APVMA Approval Number
69651 / 61324

KEN-CHLOR 750 WG

KEN-CHLOR 750 WG is suitable as a pre-sowing treatment for wheat and triticale, and as a post-sowing treatment for wheat, triticale, barley, oats and cereal rye.

- A selective Herbicide for control of Annual (Wimmera) Ryegrass and certain broadleaved weeds in Wheat, Barley, Oats, Cereal Rye and Triticale.

PRODUCT BEST USE TIPS

- ✓ Best weed control is obtained when rainfall or sprinkler irrigation wets the soil to a depth of 5 to 7.5 cm within 4 weeks of application
- ✓ DO NOT apply to plants suffering stress
- ✓ DO NOT spray emerged crops if rain is expected within four hours
- ✓ Prior to using this product, careful consideration should be given to soil pH. As soil pH increases, rate of breakdown decreases
- ✓ For post-emergence application, always add a non-ionic surfactant (1000 gac/L) at 100 mL/100 L of final spray volume (0.1% volume/volume)
- ✓ Aerial Application – Apply a minimum of 20 L/ha water
- ✓ It is essential that the sprayer be properly cleaned after using this product to prevent injury to crops other than wheat, triticale, barley, oats, or cereal rye
- ✓ KEN-CHLOR 750 WG is compatible with Glyphosate and Paraquat

PRODUCT DETAILS

PRODUCT:
KEN-CHLOR 750 WG

ACTIVE CONSTITUENT:
750 g/kg CHLORSULFURON

FORMULATION: WG

GROUP: B

APVMA Approval Number:
54855 / 122391



KEN-GRAN 750 WG

KEN-GRAN 750 WG Selective Herbicide is a water dispersible granular herbicide for the pre-plant, incorporated by sowing, control of annual ryegrass, paradoxa grass and certain broadleaf weeds in wheat and for post-emergent control of wild radish in wheat, oats and barley.

- KEN-GRAN 750 WG is compatible with a wide range of products

PRODUCT BEST USE TIPS

- ✓ If rain falls within 6 hours of application, the effect could be diminished
- ✓ Crops other than wheat, barley, oats, triticale and cereal rye can be very sensitive to low soil concentrations of KEN-GRAN 750 WG Selective Herbicide thus prior to using the product, careful consideration should be given to crop rotation plans
- ✓ Continue agitation while topping up the tank with water and while spraying
- ✓ **Ground application** – Apply by boom spray, applying 30 to 100 litres of water per hectare. Avoid overlapping of boom runs.
- ✓ **Aerial application** – Always spray in a cross wind of less than 5 knots. Ensure good spray coverage is obtained. Apply 20 to 40 litres per hectare
- ✓ Special care should be taken with regard to the application of KEN-GRAN 750 WG to durum wheats as these may be more sensitive when plants are under stress

PRODUCT DETAILS

PRODUCT:

KEN-GRAN 750 WG

ACTIVE CONSTITUENT:

750 g/kg TRIASULFURON

FORMULATION: WG

GROUP: B

APVMA Approval Number
56839



KEN-MET 600 WG



KEN-MET 600 WG is a selective herbicide which can be used in winter cereal crops at the early post-emergence stage of the crop.

- KEN-MET 600 WG is compatible with a wide range of commonly used broadleaf herbicides
- KEN-MET 600 WG is used for the control of brush and broadleaf weeds in native pastures, rights of way, commercial and industrial areas and for the control of certain broadleaved weeds in winter cereal crops
- Application by ground or by air

PRODUCT BEST USE TIPS

Broadacre Weed Control

- ✓ Best results are obtained in broadacre situations if weeds are small (no larger than 5cm in height or diameter) and actively growing
- ✓ It is preferable that rainfall wets the soil to a depth of 5 to 7.5cm within 4 weeks of application.
- ✓ DO NOT treat newly sown pastures as severe damage may occur
- ✓ DO NOT spray if rainfall is expected within 2 Hours
- ✓ It is important to thoroughly clean spray tanks after use as small quantities of product remaining in the tank may cause injury to desirable pastures and crops if the tank is used for other spraying procedures

Brush Control

- ✓ It is important that a surfactant such as KENSO AGCARE SILKEN is always used with this product for brush control situations
- ✓ Best results will be achieved if weeds are allowed to recover from grazing prior to herbicide application to allow for adequate uptake of the product
- ✓ DO NOT spray if rainfall is expected within 4 hours

PRODUCT DETAILS

PRODUCT:
KEN-MET 600 WG

ACTIVE CONSTITUENT:
600 g/kg
METSULFURON-METHYL

FORMULATION: WG

GROUP: B

APVMA Approval Number:
54853 / 125980



KENDAX 600 WG

KENDAX 600 WG is a water dispersible granule formulation which can be applied by conventional wet application equipment or by direct dry application (DDA) equipment.

- KENSO AGCARE KENDAX 600WG Herbicide is a member of the sulfonyleurea group of herbicides and has the ALS inhibitor mode of action.
- For the control of Arrowhead, Dirty Dora and Star Fruit in aerially sown rice in NSW

PRODUCT BEST USE TIPS

- ✓ DO NOT apply to crops under stress
- ✓ Always maintain agitation to keep the product in suspension
- ✓ Apply by air in a minimum of 20L/ha water to flooded bays
- ✓ Application using equipment set to product coarse droplets will increase direct application onto the water surface and minimise contact with emerged crop or weed foliage
- ✓ Direct Dry Application (DDA). This product may only be applied direct dry by air using equipment specifically designed for this purpose.

PRODUCT DETAILS

PRODUCT:
KENDAX 600 WG

ACTIVE CONSTITUENT:
600 g/kg BENSULFURON
present as the
METHYL ESTER

FORMULATION: WG

GROUP: B

APVMA Approval Number:
56241 / 0604



KENPRA 750 WG

KENPRA 750 WG is used for selective post-emergence control of nutgrass in sugarcane, corn/maize and sorghum and for the selective post-emergence control of nutgrass and Mullumbimby couch in turf.

- KENPRA 750 WG is also used for the control of nutgrass in cotton using shielded sprayers
- KENPRA 750 WG is a dry flowable granule which disperses in water
- KENPRA is compatible with Ken-Up Aquatic 360, Ken-Up 450 CT, KENSO AGCARE Max-Out 540 and Ken-Up Dry 680 WG, Dicamba/MCPA and Bromoxynil/MCPA mixtures and amine formulations of 2,4-D

PRODUCT BEST USE TIPS

- ✓ KENPRA 750 WG should be applied to actively growing weeds when new growth has reached a minimum of 5cm of new leaf growth for nutgrass or 2cm for Mullumbimby couch
- ✓ KENPRA 750 WG must be applied with a non-ionic surfactant to ensure uptake
- ✓ DO NOT apply more than 200 g/ha per season
- ✓ DO NOT apply after the onset of frosts

PRODUCT DETAILS

PRODUCT:
KENPRA 750 WG

ACTIVE CONSTITUENT:
750 g/kg
HALOSULFURON-METHYL

FORMULATION: WG

GROUP: B

APVMA Approval Number
65636 / 51471



KENSO AGCARE SULFONYLUREA

RANGE

The KENSO Sulfonylurea products are tried and proven options for Australian growers. Whilst weed resistance is a growing issue with Group B herbicides in many instances these products still provide an economical and effective option for your weed control needs.

For further information on KENSO products contact your local KENSO representative or visit our website at kenso.com.au



To contact your local
Sales Representative visit
kenso.com.au

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