

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

KENSO AGCARE

GUNDY

240

HERBICIDE

ACTIVE CONSTITUENT: 240 g/L IMAZAPIC present as the AMMONIUM SALT

GROUP 2 HERBICIDE

For the pre-emergence control of certain annual grass and broadleaf weeds in fallow situations and sugarcane as specified in DIRECTIONS FOR USE Table.



Kenso Corporation (M) Sdn Bhd
Level 1, 98 Commercial Road,
Teneriffe QLD 4005
Phone (07) 3216 1188
www.kenso.com.au

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

CONTENTS: 10 Litres APVMA Approval No.: 67108/ 136007

KENSO AGCARE GUNDY 240 HERBICIDE

STORAGE AND DISPOSAL

Store in the closed, original container, in a dry, cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Triple-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 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.

SAFETY DIRECTIONS

Will irritate the eyes. Avoid contact with eyes. When opening the container and preparing spray, wear elbow-length chemical resistant gloves. Wash hands after use. After each day's use, wash gloves.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which can be obtained from www.kenso.com.au

CONDITIONS OF SALE

Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at the option of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.

In a Transport Emergency
Dial **000**
Police or Fire Brigade



Batch No.:

Date of Manufacture:

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KENSO
agcare

GUNDY 240

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PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Do NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

CROP SAFETY

This product may, in some circumstances, lead to transient crop yellowing and temporary slowing the growth in sugarcane but plants soon recover and yield is unaffected. This effect may be more pronounced when the product is used under conditions where soil moisture is high within 2 days following application and on light/sandy soil. Contact Kenso Agcare for advice on variety susceptibility before using this product.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

KEEP OUT OF REACH OF CHILDREN.

Store in the closed, original container in a dry, cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Triple-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.

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RESISTANT WEEDS WARNING

GROUP 2 HERBICIDE

Gundy 240 herbicide is a member of the imidazolinone group of herbicides. The product has the inhibitors-of-acetolactatesynthase (ALS) mode of action. For weed resistance management, the product is a Group 2 herbicide. Some naturally occurring weed biotypes resistant to the product and other Group 2 herbicides, may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population. The resistant individuals can eventually dominate the weed population, if this herbicides are used repeatedly. These resistant weeds will not be controlled by this product of other Group 2 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Kenso Agcare (Australia) Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

WITHHOLDING PERIOD

HARVEST: ALL CROPS: NOT REQUIRED WHEN USED AS DIRECTED.

GRAZING/STOCKFEED:

WHEAT, BARLEY AND CHICKPEAS: DO NOT GRAZE TREATED VEGETATION, STUBBLE OR WEEDS, OR CUT FOR STOCKFOOD, FOR 4 WEEKS AFTER APPLICATION.

SAFETY DIRECTIONS

Will irritate the eyes. Avoid contact with eyes. When opening the container and preparing spray, wear elbow-length chemical resistant gloves. Wash hands after use. After each day's use, wash gloves.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.

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SUGARCANE: DO NOT GRAZE CROP OR SPRAYED VEGETATION, OR CUT FOR STOCKFOOD, FOR 6 WEEKS AFTER APPLICATION.

GENERAL INSTRUCTIONS

All Applications:

Reduce the incidence of "fines" by using the correct nozzles and operating pressures. Replace worn or old nozzles and calibrate equipment on a regular basis. To avoid rotational crop injury, Gundy 240 must be used according to the guidelines in the FOLLOW CROPS section below.

Fallow application:

Gundy 240 can be applied in fallow prior to the planting of various crops as outlined in the FOLLOW CROPS section. Gundy 240 is a pre-emergent herbicide, which is recommended to provide short term (6 to 12 weeks) pre-emergence control of summer germinating grasses and broadleaved weeds in cultivated or uncultivated fallow. A green weed cover of greater than 50% will significantly reduce the length of pre-emergence weed control.

Sugarcane application:

Pre-emergence: Where possible, apply to soil two days prior to incorporation. Incorporate with adequate irrigation or rainfall to a minimum depth of 5 cm. Incorporation by flood irrigation may result in loss of weed control. Gundy 240 should be applied to plant or ratoon cane before the cane has emerged. When applying Gundy 240 in moist conditions, allow weeds to germinate prior to application and apply mixed with an appropriate knockdown herbicide. Whenever emerged weeds are present, Gundy 240 should be mixed with an appropriate knockdown herbicide.

Soil Type:

Pre-emergence weed control with Gundy 240 can be limited when applied onto soils with pH < 5.0 and/or which contains high concentrations of iron (Fe) and/or aluminium (al). These situations are common in soil type such as Krasnozems and red brown Ferrosols.

MIXING

Gundy 240 is an aqueous solution. Part fill the spray tank with water, then with agitator running, add the required amount of product, then fill the tank with water. When tank mixing this product with other recommended compatible products, first add the other product to the tank and mix thoroughly before adding this product. No adjuvants or surfactants are required when Gundy 240 is used alone for pre-emergence weed control.

APPLICATION

Do NOT apply by aircraft.

Fallow application: For ground application only: Apply with boom equipment in not less than 50 L/ha water using flat fan nozzles. Avoid overlap and do not overspray headlands.

DIRECTIONS FOR USE
RESTRAINTS:

Do NOT apply to soils saturated with water.
Do NOT apply by aircraft.

SITUATION	WEEDS CONTROLLED	RATE mL/ha	CRITICAL COMMENTS
Fallow prior to planting wheat, barley or chickpea (Qld and Nthn NSW only)	Barnyard grass (<i>Echinochloa colona</i>), Liverseed grass (<i>Urochloa panicoides</i>), Stink grass (<i>Eragrostis cilianensis</i>), Blowaway grass (<i>Panicum decompositum</i>), Button grass (<i>Dactyloctenium radulans</i>), Pigweed (<i>Portulaca oleracea</i>), Yellow vine (<i>Tribulus terrestris</i>), Mintweed (<i>Salvia reflexa</i>), Boggabri weed (<i>Amaranthus mitchelli</i>), Dwarf amaranth (<i>Amaranthus macrocarpus</i>), Peachvine/cowvine (<i>Ipomea lonchophylla</i>)	150 to 200	Treatments may be applied from the end of the previous crop harvest (refer to FOLLOW CROPS section prior to using Gundy 240). Best results are obtained where treatments are applied to dry, weed-free soil prior to weed germination. Treatments can be applied to standing crop residues. Sufficient rainfall is required after application and prior to weed emergence to wet soil to a depth of 5 cm. Use the higher rates for increased residual control of weeds or anticipated high weed pressure. Emergent weeds must be controlled by prior cultivation, or by application of a knockdown herbicide. Where infestation of emerged weeds is light, tank mix treatment with Ken-Up 450 CT. Cultivation following application of treatments may reduce pre-emergence weed control provided by Gundy 240. Prolonged wet soil conditions following treatment will reduce the effective life of pre-emergence treatments. Weed escapes may require follow-up application of knockdown herbicides. Do NOT apply more than 200 mL/ha per season on cropland. Do NOT apply in more than two successive seasons on cropland. Do NOT overspray headlands. Minimum re-cropping intervals apply for all crops following Gundy 240 application. See "FOLLOW CROPS" section below for re-cropping guidelines and restrictions.
Sugarcane (Pre-emergence to variety Q124 only) (Qld, NSW and WA only)	Cobbler's peg (<i>Bidens pilosa</i>), Common sida (<i>Sida rhombifolia</i>), Glossy nightshade (<i>Solanum americanum</i>), Green amaranth (<i>Amaranthus viridis</i>), Green summer grass (<i>Brachiaria subquadriflora</i>), Ipomoea spp., Milkweed (Mexican fire plant) (<i>Euphorbia heterophylla</i>), Summer grass (<i>Digitaria ciliaris</i>)	400	Do NOT apply more than once a year to the same crop. Pre-emergence application: PLANT CANE: Apply after planting and before emergence of the sugarcane. On the sandy soil, ensure thorough coverage of sets to minimum depth of 5 cm. RATOON: Apply after harvest and before new cane growth appears. Heavy trash layers may prevent the product from reaching the soil. Apply to weed-free soil prior to weed germination. Sufficient rainfall, or overhead irrigation, is required after application and prior to weed emergence to wet soil to a depth of 5 cm. Emergent weeds must be controlled by prior cultivation, or application of an appropriate herbicide. Weed control can be improved under dry conditions or where incorporating moisture has been insufficient, by cultivating the treated soil above sets. Care needs to be taken to minimize exposure of untreated soil or sets. Pre-emergence weed control may be limited on Krasnozern or red brown Ferrosol soil types, where moisture is not maintained in the top 5 cm of soil. Refer to Soil Type in the General instructions. Heavy rain and/or irrigation within 2 days following application may concentrate Gundy 240 in the furrow and cause temporary yellowing and stunting of cane leaves. Prolonged wet soil and/or cool conditions can increase crop damage, especially in sandy soil. Normal growth will return when conditions become warm and drier. Weed escapes may require follow up application of an appropriate herbicide. Contact Kenso Agcare for advice on variety susceptibility before using this product (refer to the CROP SAFETY section on the label). Minimum re-cropping intervals apply for all crops following Gundy 240 application. See "FOLLOW CROPS" section below for re-cropping guidelines and restrictions.

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

Sugarcane: Ensure thorough coverage of soil with well-calibrated spray equipment. Apply in a minimum 200 L water/ha using nozzle configuration to generate a medium to coarse spray pattern for pre-emergence application. Replace worn or old nozzles and calibrate equipment on regular basis.

EQUIPMENT CLEAN-UP

Thoroughly flush all spray equipment with water following the use of Gundy 240 and before use with other products.

COMPATIBILITY: Gundy 240 is compatible with glyphosate, paraquat, Ken-Met 600, Tricopyr 600 and Touchdown*. It is NOT compatible with dicamba or Ken-Trel 300.

FOLLOW CROPS

Under conditions which do not favour breakdown of this product, carry-over soil residues can affect susceptible follow crops. As environmental and agronomic factors make it impossible to eliminate all risks associated with this product, rotational crop injury is always possible. The following minimum re-cropping intervals (months after application) should be observed.
Following use in summer fallow:-

MONTHS AFTER APPLICATION			
4	12	24	36
Wheat [^] , barley [^] , chickpea, peanuts	mungbean, lucerne	sorghum, cotton, sunflower	any other crops

[^] The following additional requirements apply if it is intended to plant wheat or barley during the next winter season.
Do NOT apply Gundy 240 in fallow later than the end of December.
Do NOT apply Gundy 240 in areas where rainfall from spraying to sowing of cereals is expected to be below 200 mm.

Following use in sugarcane: Observe the minimum recropping intervals listed above under summer fallow.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of label can be found at apvma.gov.au/spraydrift
DO NOT allow bystanders to come into contact with spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone table below provides guidance but may not be sufficient in all situations. Where possible, correctly use application equipment designed to reduce spray drift and apply when wind direction is away from these sensitive area.

DO NOT apply unless wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

DO NOT apply by boom sprayer unless the following requirements are met:
• Minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer zones for boom sprayers

Application rate	Mandatory downwind buffer zones
	Natural aquatic areas
Up to maximum label rate	50 metres