

POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

KENSO AGCARE

SEXTANT

SELECTIVE HERBICIDE

ACTIVE CONSTITUENT: 99.5 g/L QUIZALOFOP-P-ETHYL

SOLVENTS: 801 g/L HYDROCARBON LIQUID

GROUP A HERBICIDE

For the control of certain grass weeds in broadleaf crops as per
Directions for Use Table.

Kenso Corporation (M) Sdn Bhd
3C / 59 Oxford Street
Bulimba QLD 4171
Phone (07) 3217 9788
www.kenso.com.au



IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

CONTENTS: 10 Litres APVMA Approval No.: 60211/ 37694

KENSO AGCARE SEXTANT SELECTIVE HERBICIDE

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT store tank-mixes of Sextant with other materials. When storing, keep from contact with fertilizers, fungicides and seeds.

Triple or preferably pressure rinses 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 the empty containers in a local authority landfill. If no landfill is 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.

110l Mini Bulk Returnable Container (110L only)

Store the original sealed drum in a cool well-ventilated area. DO NOT store for prolonged periods in direct sunlight. DO NOT tamper with the non-return valve or the security seal. DO NOT contaminate the drum with water or any foreign matter. After each use of the product, please ensure that the non-return valve, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the contents of the drum have been used, please return the empty drum to the point of purchase. The drum remains the property of Kenso Corporation (M) Sdn Bhd.

SAFETY DIRECTIONS

Will irritate the eyes and skin. When preparing spray wear cotton overalls buttoned to the neck and wrist and washable hat, elbow-length PVC gloves and face shield or goggles.

If product in eyes, wash out immediately with water. Wash hands after use. After each day's use wash gloves, face shield or goggles and contaminated clothing.

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.

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

Product Of China



Batch No.:

Date of Manufacture:

POISON

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SEXTANT

Selective Herbicide

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READ THE LEAFLET BEFORE USE

APVMA Approval No: 60211/37694



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* Not a trademark of Kenso Corporation (M) Sdn Bhd

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DIRECTIONS FOR USE

RESTRAINTS:

DO NOT apply to crops that are stressed by any cause (such as severe cold weather, disease, drought or waterlogging).
DO NOT apply to weeds that are stressed by any cause (such as weather conditions, drought, waterlogging) or not actively growing. Grass weeds under stress frequently become less susceptible to herbicide activity.
This may result in an incomplete kill or suppression of weeds only.
DO NOT apply under conditions of high temperature and low humidity.
DO NOT apply if rainfall is expected within 3 hours.
DO NOT apply less than 50L prepared spray/ha.

BOOM SPRAYING: WINTER GROWING WEEDS

Crop	Weed Controlled	Weeds Stage	Rate/ha	Withholding		Critical Comment
				Harvest	Grazing	
Beetroot	Annual Ryegrass (<i>Lolium rigidum</i>) Brome grasses (<i>Bromus spp.</i>)	3 leaf to early tillering	250 mL or 375 mL	14 days	-	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering.*
Cabbage				9 weeks	-	
Canola				11 weeks	-	
Carrots				10 weeks	-	
Cauliflower				14 days	-	
chickpeas				12 weeks	12 weeks	
Clover & Sub Clover Pastures	Barley grass (<i>Hordeum spp.</i>) Volunteer Barley Volunteer Wheat	3 leaf to early tillering	250 mL	-	14 days	Apply when weeds are actively growing.*
Cucumbers » •				14 days	-	
Faba Beans				12 weeks	12 weeks	
Field Peas				9 weeks	14 days	
Honey Dew Melons » •				9 weeks	-	
Lucerne	Wild Oats (<i>Avena spp.</i>)	3 leaf to mid-tillering	125 mL or 250 mL	-	12 weeks	Apply when weeds are actively growing. Use the lower rate only under light weed pressure and/or when weeds are at the 1-3 leaf stage. Use higher rate under heavy weed pressure and/or when weeds are tillering. The higher rate will give better or more reliable control.*
Lupins				6 weeks	12 weeks	
Medic Pasture				-	14 days	
Mung Beans				12 weeks	-	
Navy Beans				12 weeks	-	
Onions				18 weeks	-	
Potatoes				10 weeks	-	
Pumpkins » •				9 weeks	-	
Radish				21 days	-	
Tomatoes				4 weeks	-	

* ALWAYS ADD A SURFACTANT/WETTING AGENT AT THE RECOMMENDED RATE – SEE SECTION ON "USE OF SURFACTANT /WETTING AGENT" FOR DETAILS

» • **IMPORTANT: DO NOT** apply Sextant before the five true leaf stage of the crop

BOOM SPRAYING: SUMMER GROWING WEEDS

Crop	Weeds controlled	Weeds stage	Rate/ha	Withholding Period		Critical Comments
				Harvest	Grazing	
Beetroot	Awnless Barnyard Grass (<i>Echinochloa colona</i>) Barnyard grass (<i>Echinochloa crusgalli</i>)	3 leaf to early tillering	500 mL or 750 mL	14 days	-	Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering.*
Cabbage				9 weeks	-	
Cauliflower				14 days	-	
Carrots				10 weeks	-	
Cucumbers » •				14 days	-	
Green Beans				5 weeks	-	
Honey Dew Melons » •				9 weeks	-	
Lucerne	Couch Grass (<i>Cynodon dactylon</i>)	2-4 leaf seedling	500 mL	-	12 weeks	Apply when weeds are actively growing. This rate will only control seedling. Couch grass which is less than 2 months old and established from seed.*
Mung Beans				12 weeks	-	
Navy Beans	Dinebra (<i>Dinebra retroflexa</i>)	3 leaf to early tillering	250 mL or 375 mL	12 weeks	-	Apply when weeds are actively growing. Use higher rate under heavy weed pressure and/or when weeds have commenced tillering.*
Onions				18 weeks	-	
Peanuts				11 weeks	11 weeks	
Potatoes	Crowsfoot Grass (<i>Eleusine indica</i>)	2 leaf to early tillering	500 mL	10 weeks	-	Apply when weeds are actively growing.*
Pineapples				7 days	-	
Pumpkins » •				9 weeks	-	
Radish				21 days	-	
Soybeans				12 weeks	12 weeks	
Sunflower				9 weeks	-	
Tomatoes				4 weeks	-	
	Foxtail Millet (<i>Setaria italica</i>)	2 leaf to early tillering	250 mL or 500 mL	-	-	Apply when weeds are actively growing. Use higher rate under heavy weed pressures and/or when weeds have commenced tillering.*
	Columbus Grass (<i>Sorghum xalmum</i>), Johnson Grass (<i>Sorghum halepense</i>), Liverseed Grass (<i>Urochloa panicoides</i>)	2 leaf to 3 tiller	500 mL or 750 mL	-	-	
	Rhodes Grass (<i>Chloris gayana</i>) Stink Grass (<i>Eragrostis ciliaris</i>)	3 leaf to early tillering	250 mL or 500 mL	-	-	
	Queensland Blue Grass (<i>Dichanthium sericeum</i>)		500 mL	-	-	Apply when weeds are actively growing.*
	Summer Grass (<i>Digitaria ciliaris</i>)		500 mL or 1000mL	-	-	Apply when weeds are actively growing. Use higher rate under heavy weed pressure and/or when weeds have commenced tillering.*

* ALWAYS ADD A SURFACTANT/WETTING AGENT AT THE RECOMMENDED RATE – SEE SECTION ON “ USE OF SURFACTANT /WETTING AGENT” FOR DETAILS

» • **IMPORTANT: DO NOT apply Sextant before the five true leaf stage of the crop**

HAND GUN SPRAYING:

Crop	Weeds Controlled	Weed stage	Rate/ha	Withholding period		Critical Comment			
				Harvest	Grazing				
Beetroot	Awnless	3 leaf to early tillering	125 mL	14 days	-	Apply when weeds are actively growing. Use a minimum of 800 L of prepared spray/ha. Thoroughly wet target weeds (especially well established clumps) without causing run off.*			
Cabbage	Barnyard Grass			9 weeks	-				
Canola	Grass			11 weeks	-				
Carrots	(<i>Echinochloa colona</i>)			10 weeks	-				
Cauliflower	Crowsfoot			14 days	-				
Chickpeas	Grass			12 weeks	12 weeks				
Clover and Sub clover Pastures	(<i>Eleusine indica</i>)			-	14 days				
Cucumbers » •	Paspalum			Seedling to established clumps	250 mL		14 days	-	Repeated spraying may be necessary for perennial grass species.
Faba beans	(<i>Paspalum dilatatum</i>)						12 weeks	12 weeks	
Field Peas							9 weeks	14 days	
Green Peas		-	-						
Grapes	Johnson grass	Seedling 2 leaf to early tillering	250 mL	5 weeks	-	*Always add a surfactant/wetting agent at the recommended rate – see section on “Use of surfactant /wetting agent” for details.			
Honey Dew Melon » •	(<i>Sorghum halepense</i>)			9 weeks	-				
Lucerne				-	-				
Lupins		Rhizome 2 leaf to early tillering		-	12 weeks				
Medic Pasture	Kikuyu	Seedling to established plants	250 mL	6 weeks	12 weeks				
Mung Beans	(<i>Pennisetum clandestinum</i>)			-	14 days				
Navy Beans				12 weeks	-				
Non crop				12 weeks	-				
Onions				-	-				
Peanuts				18 weeks	-				
Pineapples				11 weeks	11 weeks				
Potatoes				7 days	-				
Pumpkins » •				10 weeks	-				
Radish				9 weeks	-				
Soybeans				21 days	-				
Sunflowers				12 weeks	-				
Tomatoes				9 weeks	-				
		4 weeks	-						

* ALWAYS ADD A SURFACTANT/WETTING AGENT AT THE RECOMMENDED RATE – SEE SECTION ON “ USE OF SURFACTANT /WETTING AGENT” FOR DETAILS

» • **IMPORTANT : DO NOT apply Sextant before the five true leaf stage of the crop**

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

WITHHOLDING PERIOD

HARVEST

BETROOT, CAULIFLOWER, CUCUMBERS: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.
CABBAGE, FIELD PEAS, HONEY DEW MELON, PUMPKINS, SUNFLOWERS: DO NOT HARVEST FOR 9 WEEKS AFTER APPLICATION.
CARROTS, POTATOES: DO NOT HARVEST FOR 10 WEEKS AFTER APPLICATION.
CHICKPEAS, FABA BEANS, MUNG BEANS, NAVY BEANS, SOYBEANS: DO NOT HARVEST FOR 12 WEEKS AFTER APPLICATION.
CANOLA, PEANUTS: DO NOT HARVEST FOR 11 WEEKS AFTER APPLICATION.
LUPINS: DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION.
GREEN BEANS: DO NOT HARVEST FOR 5 WEEKS AFTER APPLICATION.
ONIONS: DO NOT HARVEST FOR 18 WEEKS AFTER APPLICATION.
PINEAPPLES: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.
RADISH: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION.
TOMATOES: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.

GRAZING

CHICKPEAS, FABA BEANS, LUCERNE, LUPIN, SOYBEANS: DO NOT GRAZE OR CUT FOR STOCK FEED FOR 12 WEEKS AFTER APPLICATION.
FIELD PEAS, CLOVER, MEDICS: DO NOT GRAZE OR CUT FOR STOCK FEED FOR 14 DAYS AFTER APPLICATION.
PEANUTS: DO NOT GRAZE OR CUT FOR STOCK FEED FOR 11 WEEKS AFTER APPLICATION.

GENERAL INSTRUCTIONS

Sextant is an emulsifiable concentrate herbicide used post emergence for the control of certain grass weeds in specified broadleaf crops. Sextant is a systemic herbicide, which is rapidly absorbed and readily translocated from the treated foliage to the root system and growing points of the plant. Application made to grass weeds stressed due to insufficient moisture or cold temperatures may result in unsatisfactory control.

RESISTANT WEEDS WARNING

GROUP A HERBICIDE

Kenso Agcare Sextant selective herbicide is a member of the ‘Fop’ group of herbicides. Kenso Agcare Sextant selective herbicide has the Inhibitors of acetyl CoA carboxylase mode of action. For weed resistance management Kenso Agcare Sextant selective herbicide is a Group A herbicide.

Some naturally-occurring weed biotypes resistant to Kenso Agcare Sextant selective 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 Kenso Agcare Sextant selective herbicide or other inhibitors of acetyl CoA carboxylase.

Since the occurrence of resistant weeds is difficult to detect prior to use, Kenso Corporation (M) Sdn Bhd accepts no liability for any losses that may result from the failure of Kenso Agcare Sextant selective herbicide to control resistant weeds.

Time of application

For maximum benefit, weeds should be sprayed when young and actively growing. Application may be made at any stage of crop growth (except to cucurbit crops), but sufficient time must be allowed for the prescribed withholding period to expire before harvest and/or grazing or cutting for stockfeed.

IMPORTANT: DO NOT apply Sextant to cucurbit crops before the five true leaf stage.

Spray Preparation

Sextant is an emulsifiable concentrate to be mixed with water and applied as a spray. Add the amount directly to the spray tank and mix well. If tank mixing with Benomyl or Mancozeb, add these to the spray tank and mix thoroughly PRIOR to adding Sextant.

Use of a Surfactant/Wetting Agent

Sextant may be used with either of the following adjuvant systems:
 1) A non-ionic surfactant (1000g ac/L strength) at 200mL/100L of final spray volume (i.e. 0.2% v/v).
 2) A non-ionic surfactant (1000g ac/L strength) at 0.1% v/v and a mineral spray oil at 1% v/v.

For Sextant and Sextant tank mixes with Sertin® 186EC, Sertin® Plus and Cletho 240 EC the recommended mixture is 100mL non-ionic surfactant + 1L DC-Trate® Spray Oil per 100 Litres of final spray volume. This adjuvant system provides a more roost treatment and is strongly recommended. **DO NOT** use the surfactant + mineral oil adjuvant system on vegetable crops, use a surfactant only. **DO NOT** use spray oils of crops origin (eg. Codacide oil, Synetrol oil) as spray adjuvants.

Compatibilities

Sextant is compatible with the Insecticides Le Mat® /Comrad®, Dimethoate, Lannate® L (Methomyl), endosulfan, the fungicides Benomyl, and Mancozeb and the herbicides Diflufenican/Brodal® and Ken-Trel 300 (clopyralid) when using the surfactant only adjuvant system. Sextant is compatible with Sertin® 186EC, Sertin® Plus and Cletho 240 EC (clethodim) when using the surfactant plus spray oil adjuvant system.

When tank mixing Sextant and broadleaf herbicides **DO NOT** use a spray oil, use a surfactant only. Application of a tankmix of Sextant with Diflufenican or Brodal® may result in crop effects. The effect is temporary and usually appears as yellow or white bleaching on the leaves. New growth and subsequent yield, however will not be affected.

DO NOT add crop oil to tank mixtures of Sextant with Diflufenican or Brodal®. To minimise crop effects: - Apply Sextant a minimum of 5 days prior to Diflufenican/Brodal® application or a minimum 10 days after Diflufenican/Brodal® application (14-21 days if weeds have been stressed).

Ground Spray

Use sprayers with flat fan or hollow cone nozzles at 210-350 kPa to give an even distribution of droplets with no less than 50% of the spray volume in the 150-300 micron range. 110° flat fan nozzles are preferred. Use between 50 and 100 litres of prepared spray/ha, the higher spray volume gives more reliable results. If weeds are large and the crop canopy is dense, increase the volume to 150 litres prepared spray/ha. For proper spray coverage adjust the boom and nozzle height according to the specifications listed by the nozzle manufacturer.

Ensure the spray is evenly distributed and a double overlap spray pattern is obtained. Avoid overlapping boomspray widths and shut off spray booms while starting, turning, slowing or stopping.

Sprayer Cleanup

Thoroughly clean all traces of Sextant from application equipment immediately after use. Flush tank, pump, hoses and boom with several changes of water after removing nozzle tips and screens (clean those parts separately). Failure to thoroughly clean the equipment may result in injury to subsequently sprayed cereal and grass crops. If spray equipment has previously been used for the application of sulfonylurea herbicides eg. Ken-Met 600, Harmony® M, Ken-Chlor 750/Siege®, Ken-Gran 750, Amber Post®, ensure that the recommended sprayer cleanup procedure for the product previously sprayed has been followed before using the equipment for the application of Sextant.

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 on to nearby susceptible plant/crops, cropping lands or pastures. **DO NOT** plant cereal crops into the treated area for a period of 18 weeks after application of Sextant.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

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