

# 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  
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**IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE**



**CONTENTS: 20 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



ENVIRONMENTALLY  
HAZARDOUS  
SUBSTANCE,  
LIQUID, N.O.S.  
UN NO. 3082




PG III  
HAZCHEM 2X

POISON

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SEXTANT

Selective Herbicide

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GROUP

A

HERBICIDE

For the control of certain grass weeds in broadleaf crops

As per Directions for Use table.

**READ THE LEAFLET BEFORE USE**

**APVMA Approval No: 60211/37694**



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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> ) Canola Brome grasses ( <i>Bromus spp.</i> ) Carrots Cauliflower chickpeas	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	Barley grass ( <i>Hordeum spp.</i> ) Pastures Cucumbers » • Volunteer Barley Faba Beans Volunteer Wheat	3 leaf to early tillering	250 mL	-	14 days	Apply when weeds are actively growing.*
Pastures				14 days	-	
Cucumbers » •				12 weeks	12 weeks	
Volunteer Wheat				9 weeks	14 days	
Field Peas	Wild Oats ( <i>Avena spp.</i> )	3 leaf to mid-tillering	125 mL or 250 mL	9 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.*
Honey Dew Melons» •				-	12 weeks	
Lucerne				6 weeks	12 weeks	
Lupins					14 days	
Medic Pasture				12 weeks	-	
Mung Beans				12 weeks	-	
Navy Beans				18 weeks	-	
Onions				10 weeks	-	
Potatoes				9 weeks	-	
Pumpkins » •				21 days	-	
Radish				4 weeks	-	
Tomatoes						

\* 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

**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 rinse container before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemicals on site. If recycling, replace cap and return clean container to recycler or designated collection point.  
If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the container 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**  
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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				9 weeks	-	
Melons » •	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.*
Lucerne				12 weeks	-	
Mung Beans						
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	Crowsfoot Grass ( <i>Eleusine indica</i> )	2 leaf to early tillering	500 mL	11 weeks	11 weeks	Apply when weeds are actively growing.*
Potatoes				10 weeks	-	
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 cilianensis</i> )	3 leaf to early tillering	250 mL or 500 mL			
	Queensland Blue Grass ( <i>Dichanthium sericeum</i> )		500 mL			
	Summer Grass ( <i>Digitaria ciliaris</i> )		500 mL or 1000mL			

\* 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 Barnyard Grass ( <i>Echinochloa colona</i> )	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				9 weeks	-			
Canola				11 weeks	-			
Carrots				10 weeks	-			
Cauliflower				14 days	-			
Chickpeas				12 weeks	12 weeks			
Clover and Sub clover Pastures				-	14 days			
Cucumbers » •	Paspalum ( <i>Paspalum dilatatum</i> )	Seedling to established clumps		14 days	-	Repeated spraying may be necessary for perennial grass species.		
Faba beans				12 weeks	12 weeks			
Field Peas				9 weeks	14 days			
Green Peas	Johnson grass ( <i>Sorghum halepense</i> )	Seedling 2 leaf to early tillering		-		*Always add a surfactant/ wetting agent at the recommended rate – see section on “Use of surfactant /wetting agent” for details.		
Grapes				5 weeks				
Honey Dew Melon » •				9 weeks	-			
Lucerne				Rhizome 2 leaf to early tillering			-	12 weeks
Lupins							6 weeks	12 weeks
Medic Pasture	Kikuyu ( <i>Pennisetum clandestinum</i> )	Seedling to established plants		-	14 days			
Mung Beans				12 weeks	-			
Navy Beans				12 weeks	-			
Non crop				-	-			
Onions				18 weeks	-			
Peanuts				11 weeks	11 weeks			
Pineapples				7 days	-			
Potatoes				10 weeks	-			
Pumpkins » •				9 weeks	-			
Radish				21 days	-			
Soybeans				12 weeks	-			
Sunflowers				9 weeks	-			
Tomatoes				4 weeks				

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» • **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**

**BEETROOT, 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 roust 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 sulfonyleurea 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