POISON

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

KENSO AGCARE

KEN-GRASS 375

SELECTIVE HERBICIDE

ACTIVE CONSTITUENT: 375 g/L DICLOFOP-METHYL
SOLVENT: 534 g/L HYDROCARBON LIQUID

GROUP A HERBICIDE

A Post-emergent herbicide for the control of Annual Ryegrass, Common Barbgrass and Wild Oats in Wheat, Linseed, Peas and other Crops as listed in the Directions for Use table.

KENSO agcare

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IMPORTANT: READ THE ATTACHED LEAFLET/BOOKLET BEFORE USE

CONTENTS: 20 Litres APVMA Approval No.: 55496/ 20A/ 0304

DIRECTIONS FOR USE

Restraints:

Do NOT apply if rainfall is expected within 2 hours. Do NOT spray when temperatures are higher than 25°C. Do NOT apply to weeds or crop under stress due to, for e.g., very dry, very wet, nutrient deficient, frost or diseased conditions.

CROP	WEED	STATE	WEED STAGE	RATE L/ha	CRITICAL COMMENTS
Wheat, barley, cereal rye, triticale, linseed, canola, safflower	Annual (Wimmera) ryegrass	All States	2 to 4 leaf (Z12-Z14)	1	Apply generally 3 to 4 weeks after sowing, when cereals usually 2 to 5 leaves (Z12-Z15) For barley, apply only when crop is 4 to 5 leaf stage. For all crops, **add wetting agent** at 0.25% a.i. to water in spray tank. This is irrespective of volume of water/ha or rate of Ken-Grass 375 Selective Herbicide.
	Common barbgrass	NSW, ACT Only		1.25	
Lupins, peas	Annual ryegrass	NSW, ACT, Vic, Tas, SA, WA only	2 to 4 leaf (Z12-Z14)	1	
	Common barbgrass	NSW, ACT Only		1.25	
Wheat, barley, triticale, cereal rye, linseed, safflower, canola	Wild Oats	All States	2 to 3 leaf (Z12-Z13)	1.5	For barley, apply only when crop is 4 to 5 leaf stage. Avoid double spraying (overlap) at the maximum rate of 1.5L/ha. In crops other than barley, use 2 L rate if most weeds 3 to 4 leaf and if spraying 4 to 6 weeks after sowing, especially in northern NSW and Qld. **Add wetting agent** as above. Use 1.5 L rate only if growing conditions are very favourable and weeds are 2 to 3 leaf, 3 to 4 weeks after sowing, and cereals usually 2 to 3 leaf (Z12 to Z13)
			3 to 4 leaf (Z13-Z14)	2 (not barley)	
Lupins, peas	Wild Oats	NSW, ACT, Vic, Tas, SA, WA only	2 to 3 leaf (Z12-Z13)	1.5	
			3 to 4 leaf (Z13-Z14)	2	
Pasture legume seed crops	Annual ryegrass	All States	2 to 4 leaf (Z12-Z14)	1	**Add wetting agent** as above. Ensure thorough coverage of weeds.
	Wild Oats			1.5 to 2	
Oilseed poppies	Wild Oats, annual ryegrass (refer critical comments)	Tas only	See critical comments	0.5 to 3	Do not add wetting agent. Apply in accordance with recommendations made by the Department of Agriculture or the poppy contracting company.

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

WITHHOLDING PERIOD

GRAZING : DO NOT GRAZE OR CUT FOR STOCKFEED FOR 7 WEEKS AFTER APPLICATION.
CROP HARVEST : NOT REQUIRED WHEN USED AS DIRECTED

GENERAL INSTRUCTIONS

For best results apply when growing conditions are good to weeds and crop which are not stressed from factors such as severe frost, waterlogging or dry conditions. Avoid applying to crops which are covered in dew or frost. Wild oats germinating after application will often be stunted and will not seriously compete with the crop. Application to crops with a covering of dew has been successful but should be avoided in general. If spraying cannot be completed spray mixtures of Ken-Grass 375 Selective Herbicide may be left overnight without significant loss of efficacy. The mixture should be well agitated before spraying re-commences. It is not recommended that this be general practice.

MIXING

Fill the spray tank to about two thirds full with clean water and then add the required amount of Ken-Grass 375 Selective Herbicide. Add the remainder of the water with agitation system engaged. If a wetting agent is required add this just before tank is full to prevent excessive foaming.

APPLICATION

Aim to apply this product to base (growing point) of weeds. Equipment must be set up to ensure penetration of the canopy.

COMPATIBILITY

1. Mixtures of Ken-Grass 375 Selective Herbicide with broadleaf herbicides may lead to a reduction in grass weed control and/or varying degrees of crop discolourisation/damage. These effects can be minimised by closely following all use recommendations and restrictions.
   The following table summarises current knowledge on compatibility in wheat, barley, triticale and cereal rye crops:

	Ryegrass	Wild Oats
Tigrex® (up to 0.8L/ha)	Yellow	Yellow
Jaguar® *up to 0.75L/ha)	Green	Yellow
Eclipse® (up to 7 g/ha)	Green	Yellow
Broadstrike® (up to 25 g/ha)	Green	Red
MCPA LVE 500g/L (up to 700mL/ha)	Yellow	Yellow
Bromoxynil	Green	Green
Bromoxynil 200 g/L + MCPA 200 g/L (up to 1.4L/ha)	Yellow	Yellow
Chlorsulfuron (up to 15 g/ha)	Yellow	Yellow
Lontrel (up to 150mL/ha)	Green	Green
Metsulfuron methyl	Red	Red

GREEN Trials indicate no reduction in grass weed control when used as recommended. There may be minor crop discolouration in some cases. These mixtures can be used with minimal loss of activity under good growing conditions with all label recommendations followed.

YELLOW Trials indicate some reduction in grass weed control and/or minor crop discolouration at recommended rates, even under good growing conditions. These mixtures will usually result in reduced weed control and cannot be recommended unless such efficacy loss and possible crop discolouration is accepted.

RED Trials at recommended rates indicate a severe reduction in grass weed control and/or significant crop injury. These mixtures cannot be recommended.

Ken-Grass 375 Selective Herbicide may also be mixed with the following insecticides without a significant loss of activity: Dimethoate, omethoate and phosmet.

2. When mixing with broadleaf herbicides and a non-ionic surfactant (1000g/L) at the rate of 250 mL per 100L of spray solution. Reductions in grass weed control (as indicated above) can be minimised by using a minimum of 80 L of water per ha by ground and 30 L by air, and if wild oats are present, use 2.0 L Ken-Grass 375 Selective Herbicide/ha (except barley). Do not use Bromoxynil + MCPA at rates above 1.4 L/ha when mixing with Ken-Grass 375 Selective Herbicide.
3. Allow at least 10 days between any application of Ken-Grass 375 Selective Herbicide and other herbicides containing 2, 4-D, MCPA, dicamba or other similar sprays, which should preferably follow Ken-Grass 375 Selective Herbicide.
4. For use in oilseed poppies in Tasmania only: Ken-Grass 375 Selective Herbicide may be mixed with pesticides as recommended by the Department of Agriculture or the poppy contracting company.
5. Where phalaris is present, Ken-Grass 375 Selective Herbicide and Wildcat[1] (or Puma[1] S) may be applied together at the respective recommended rates. Wetting agent should be added to this mixture at the rate recommended on the Ken-Grass 375 Selective Herbicide label.

Resistant Weeds Warning

GROUP A HERBICIDE

Ken-Grass 375 Selective Herbicide is a member of the aryloxphenoxypropionate group of herbicides. Ken-Grass 375 Selective Herbicide is an inhibitor of acetyl coA carboxylase. For weed resistance Ken-Grass 375 Selective Herbicide is a Group A herbicide.
Some naturally-occurring weed biotypes resistant to Ken-Grass 375 Selective Herbicide and other Group A 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 Ken-Grass 375 Selective Herbicide or other Group A herbicides.
Since 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 Ken-Grass 375 Selective Herbicide to control resistant weeds.

EQUIPMENT

Ground Sprayers - Standard boom sprays only are recommended and must be fitted with by-pass-pass or mechanical agitation. It is recommended to use approximately 50 to 150 L water/ha and a droplet size of 200 to 300 microns. Do not apply with boomless jets or misters.
Aircraft - Best results have been obtained using 20 to 30 L water/ha with a steady cross wind and a swath width of 15 to 18 metres. Aim for a droplet size of 200 to 300 microns. Do not exaggerate swath width. Aircraft operators should consult manufacturer for details.

EXPORT OF TREATED PRODUCE

Growers should note that suitable MRL's or import tolerances may not be established in all markets for produce treated with Ken-Grass 375 Selective Herbicide. If you are growing produce for export, please check with Kenso Corporation (M) Sdn Bhd for the latest information on MRL's and import tolerances BEFORE using Ken-Grass 375 Selective Herbicide.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

PROTECTION OF CROP, 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, adjacent crops (eg. maize, sorghum, rice) crop lands or pasture. DO NOT plant susceptible crops (eg. maize, sorghum, rice) for 10 weeks after application.

UNDERSOWN CLOVERS AND MEDICS

Ken-Grass 375 Selective Herbicide does not affect undersown clovers or medics or other broadleaf crops, and has no activity against broadleaf weeds.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight.
Triple or preferably pressure 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm 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.

SAFETY DIRECTIONS

The product may irritate the eyes and skin. Avoid contact with eyes and skin and do not inhale spray mist. When preparing spray, wear cotton overalls buttoned to the neck and wrist, and washable hat and elbow-length PVC 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, face shield and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (PHONE: 13 11 26)

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet which is available from the supplier.

LIMITATION OF WARRANTY AND LIABILITY

Kenso Corporation (M) Sdn Bhd warrants that this material conforms to the chemical description on the label. As the use of the product is sold beyond control of Kenso, no responsibility whatsoever for any consequences is accepted in respect of this product, save those non-excludable conditions implied by any State or Federal legislation or law of a Territory.
Not for re-packing or reformulation. No license under any non-Australian patent is granted or implied by the purchase of this container.

[1] Not a Kenso trademark

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

drumMUSTER eligible container

9 328666 000259

Batch No:

Date of Manufacture:

Product of China

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