

# DANGEROUS POISON

KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING  
CAN KILL IF SWALLOWED  
DO NOT PUT IN DRINK BOTTLES  
KEEP LOCKED UP

*KENSO AGCARE*

# PARA-KEN 334 HERBICIDE

ACTIVE CONSTITUENT: 334 g/L PARAQUAT present as PARAQUAT DICHLORIDE

GROUP **22** HERBICIDE

For the control of a wide range of grasses and broadleaf  
weeds as per directions for use.



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

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

**CONTENTS: 1000 Litres APVMA Approval No.: 64430/ 114792**

# KENSO AGCARE PARA-KEN 334 HERBICIDE

**FOR USE ONLY AS AN AGRICULTURAL AND HORTICULTURAL HERBICIDE. THIS PRODUCT IS TOO HAZARDOUS TO BE USED IN THE HOME GARDEN.**

## STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. 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 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

Very dangerous, particularly the concentrate. Product is poisonous if swallowed. Will irritate the nose, throat and skin. Attacks the eyes, protect the eyes while using. Avoid contact with eyes, skin and clothing. When opening the container and preparing product for use wear:

- elbow-length PVC gloves
- face shield or goggles.

If product on skin, immediately wash area with soap and water. If clothing becomes contaminated with product remove clothing immediately. If product in eyes, wash it out immediately with water. Avoid contact with spray mist. DO NOT inhale spray mist. 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 or goggles and contaminated clothing.

## SPRAY APPLICATION

- Do not work in spray mist.
- Do not continue to use if skin irritation or nose bleed occurs. This may be caused by exposure to spray mist as the result of incorrect use of equipment or adverse climatic conditions. Stop and review handling and spraying techniques before further spraying. If symptoms persist seek medical advice.
- When there is a risk of exposure to spray mist wear waterproof footwear and waterproof protective clothing, impervious gauntlet length gloves (rubber or PVC), goggles and a face mask and respirator covering nose and mouth and capable of filtering spray droplets. A high efficiency type particulate respirator is recommended, but in any event use a respirator which complies with the requirements of AS1716 (Standards Association of Australia). Further advice on safety equipment should be obtained from a safety equipment manufacturer.
- Avoid contacting vegetation wet with spray, but if necessary to do so wear waterproof footwear and waterproof protective clothing and gloves.

## FIRST AID

If poisoning occurs get to a doctor or hospital quickly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

## SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet which can be obtained from [www.kenso.com.au](http://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



Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: **TOXIC IF SWALLOWED. TOXIC IN CONTACT WITH SKIN. CAUSES SERIOUS EYE IRRITATION. FATAL IF INHALED. MAY CAUSE RESPIRATORY IRRITATION. CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.** *Precautionary:* Do not breathe dust/fume/gas/mist/vapours/spray. Wash contacted areas thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear eye protection/face protection. Wear gloves/clothing/respiratory protection. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Get medical advice/attention if you feel unwell. Specific treatment is urgent (see FIRST AID on this label). Rinse mouth. If eye irritation persists: Get medical advice/attention. Take off immediately all contaminated clothing and wash it before reuse. Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Batch No.:

Date of Manufacture:

**DANGEROUS POISON**  
**KEEP OUT OF REACH OF CHILDREN**  
**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**  
**CAN KILL IF SWALLOWED**  
**DO NOT PUT IN DRINK BOTTLES**  
**KEEP LOCKED UP**



# PARA-KEN 334

Herbicide

ACTIVE CONSTITUENT: 334 g/L PARAQUAT present as  
 PARAQUAT DICHLORIDE

GROUP **22** HERBICIDE

For the control of a wide range of grasses and broadleaf weeds as per directions for use.

READ THIS LEAFLET BEFORE USE

APVMA Approval No.: 64430/114792



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

## SAFETY DIRECTIONS

Very dangerous, particularly the concentrate. Product is poisonous if swallowed. Will irritate the nose, throat and skin. Attacks the eyes, protect the eyes while using. Avoid contact with eyes, skin and clothing. When opening the container and preparing product for use wear;

- elbow-length PVC gloves
- face shield or goggles.

If product on skin, immediately wash area with soap and water. If clothing becomes contaminated with product remove clothing immediately. If product in eyes, wash it out immediately with water. Avoid contact with spray mist. DO NOT inhale spray mist. 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 or goggles and contaminated clothing.

## SPRAY APPLICATION

- Do not work in spray mist.
- Do not continue to use if skin irritation or nose bleed occurs. This may be caused by exposure to spray mist as the result of incorrect use of equipment or adverse climatic conditions. Stop and review handling and spraying techniques before further spraying. If symptoms persist seek medical advice.

- When there is a risk of exposure to spray mist wear waterproof footwear and waterproof protective clothing, impervious gauntlet length gloves (rubber or PVC), goggles and a face mask and respirator covering nose and mouth and capable of filtering spray droplets. A high efficiency type particulate respirator is recommended, but in any event use a respirator which complies with the requirements of AS1716 (Standards Association of Australia). Further advice on safety equipment should be obtained from a safety equipment manufacturer.
- Avoid contacting vegetation wet with spray, but if necessary to do so wear waterproof footwear and waterproof protective clothing and gloves.

## FIRST AID

If poisoning occurs get to a doctor or hospital quickly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

## 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 of Fire Brigade

® are not registered trademark of Kenso



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

APVMA Approval No.: 64430/114792

## DIRECTIONS FOR USE

### Restraints:

DO NOT add wetter unless spraying at high volume. Where Para-Ken 334 is mixed with water at less than 400 mL/100 L of water, add 100 mL Agral® or 60 mL Ken-Wett 1000 per 100 L of spray.

DO NOT spray plants which are waterlogged, under stress of any kind or covered with soil or dust.

DO NOT spray plants covered with heavy dew, but rain following spraying will not affect results.

DO NOT sow or cultivate for 1 hour after spraying but operations should commence within 7 days.

**For ground application only** - do not use through aircraft, misting machines or hand-held ultra low volume controlled droplet applicators (CDA units).

Crop use or Situation	Weeds controlled	State	Rate/ha	Critical Comments
Aid to Cultivation to minimise cultivation and prepare a clean bed for sowing	Annual grass and broadleaf weed control. <u>Early autumn sowing.</u>	QLD, NSW, VIC, SA, TAS, NT, ACT only	0.9 to 1.2 L *	Where cultivation follows spraying, it may commence one hour after spraying but should be completed within 7 days. Where heavy weed growth is present at spraying a better seed bed will result if cultivation is delayed 3-5 days.  Use the higher rates for dense, more mature weed stands. Wild oats must have at least two leaves. Where Diquat 200 is used the lower Para-Ken 334 rate should be sufficient to control dense mature weeds. Pasture: Remains of old pasture should be reduced by continuous heavy grazing. Remove stock 3-5 days before spraying to allow weeds to freshen up. Pre-sowing. Post-sowing, pre-crop emergence.
	Winter, spring and early summer sowing.		1.2 to 1.8 L	
	Wild oats at 2-5 leaf stage in autumn/ winter.	QLD, VIC, SA, TAS, NT only NSW, ACT only	450 mL to 600 mL 450 mL	
Rice	Annual grass and broadleaf weed control.	QLD, NSW, NT only	1.2 L 600 mL	
Wild Oat control in Spring Fallows	Wild oats at 2 to 5 leaf stage.	QLD, NSW, NT, ACT only	0.9 to 1.5 L	Use higher rate for summer growth. Avoid spraying under hot, dry conditions. Best results will be obtained when spraying is carried out in the late evening.
Kikuyu / Paspalum Pasture	To suppress growth to oversow winter seed.	QLD, NSW, ACT only	1.2 or 1.8 L	Use the high rate for February spraying and the low rate in March.
Selective Weed Control Autumn/ early Winter - annual clovers - perennial clover	Annual grass and some broadleaf weed control except Paterson's Curse, Sorrel, Dock, Shepherd's Purse and some thistles	All States	450 mL to 0.9 L 0.9 to 1.2L *	Use the higher rates for dense weed stands.
	For control of these weeds alternative methods such as the spray-graze technique with 2,4-D or MCPA should be considered.	QLD, NSW, VIC, SA, TAS, NT, ACT only	1.2 to 1.8L *	Use the higher rate in winter/early spring when barley grass is present. <b>All applications:</b> Graze pastures continuously after the seasonal break to a height of 2-4 cm. Remove stock 2-3 days before spraying to allow weeds to freshen up. Do not apply until clover has reached the 6 leaf stage. Mixed pastures will be scorched initially but should show good recovery and beneficial changes in composition following spring rainfall and growth.  Do not spray clovers which are affected by insect attack, disease or moisture stress and do not use on clover pastures growing in water repellent sands or other situations subject to moisture stress at or immediately following treatment otherwise poor recovery of the clover may result.  Use the lower rate for cocksfoot and perennial ryegrass and the higher rate for Phalaris and Demeter fescue. The perennial grasses must be at least 12 months old at spraying. <b>DO NOT APPLY TO MEDICS</b>
Late winter/early spring - annual clovers - perennial clovers - cocksfoot - perennial ryegrass - phalaris - Demeter fescue only	Yorkshire fog grass		0.9 L	Apply in early spring to reduce Yorkshire fog grass component and increase the clover and desirable grass component. Mixed pastures will be scorched initially but should show good recovery and beneficial changes in composition following spring rainfall and growth. In lower rainfall areas application in mid to late winter may be almost as effective but allow better pasture recovery. If pasture has been grazed allow sufficient time for pasture and fog grass recovery before spraying. Apply in spray volumes of 100 to 250 L/ha, the latter for dense or tall, ungrazed pastures. Add Agral® at 200 mL/100L or Ken-Wett 1000 at 120 mL/100L.
	Perennial Grass Seed Crops	Annual grass and some broadleaf weeds.	All States	450 mL to 0.9 L *

Crop use or Situation	Weeds controlled	State	Rate/ha	Critical Comments
Spray topping to reduce seed set	Annual ryegrass	All States	300 mL or 600 mL	<b>As an aid in managing annual ryegrass resistance. For use on escapes from a previous herbicide application in the current crop.</b>  Spray the crop when the ryegrass is at the optimum stage, that is when the last ryegrass seed heads at the bottom of the plant have emerged and the majority are at or just past flowering (with anthers present or glumes open) but before haying off is evident - usually October to November. Use of the higher rate in these crops is usually more reliable and gives a greater reduction in seed set.  Reduction in crop yield may occur especially if the crop is less advanced relative to the ryegrass, that is if crops have a majority of green immature pods. The higher rate may also increase any yield reduction. In practice crop losses in excess of 25% may occur. Apply by ground boom only in spray volume of 50-100 L/ha. Spray with a calibrated boom spray raised to give double overlap at the level of the ryegrass seed heads. Pressures of 250 -350 kPa and use of 110015 or 02 nozzles or equivalent will aid coverage.
Spray topping to reduce seed set	Grasses generally (particularly annual ryegrass)	All States	300 mL	Heavily graze paddocks during spring flush to encourage even head development. Remove stock 2-3 weeks before the anticipated maturity date of the target species. However, if this is not feasible through lack of stock it is preferable to allow the pasture to mature ungrazed. Delay spraying until the last seed heads at the bottom of the plant have emerged and initial signs of haying off appear. Spray with a calibrated boom spray raised to give double overlap at the level of the seed heads.
	Pastures			Manage paddocks as above. Spray after head emergence but when all seed heads are green and there is no sign of haying off. Inspect paddocks before returning stock. Provided spraying was carried out before hardening of grass seeds, stock (excepting horses) may be returned 24 hours after spraying. Where hardening seeds are present harrow to knock seed from the heads. Do not introduce lambs into paddock until safe from risk of seed injury. If seasonal conditions favour regeneration, stock should be returned to selectively graze new shoots. Spray with a calibrated boom spray raised to give double overlap at the level of the seed heads.
Prevention of annual ryegrass toxicity	Barley grass			Spray after the plant begins to run to head until flowering.
	Saffron thistle	NSW, SA, ACT only		
Hay freezing	Spraytop - Graze to destroy seed heads	WA only	300 mL	Grazing management as for spray topping above. Remove stock 3-4 weeks before the anticipated maturity date. Spray must be applied within 10 days after emergence of the first ryegrass seed heads.  To ensure adequate control of toxin development, <b>heavy continuous grazing is essential from 1 day after spraying</b> until the pasture has completely hayed off.  The required stocking rate will vary but must be sufficient to keep all regrowth after spraying completely eaten off to prevent further growth producing new seed heads which could become toxic.
Hay freezing	Maximum retention of protein in standing dry feed	All States	600 mL	Graze paddocks as for spray topping above. Remove stock 3-4 weeks before the anticipated maturity date. Apply prior to commencement of haying off regardless of the grass species involved.  Spray with a calibrated boom spray raised to give double overlap at the level of the seed heads.
General Weed control Hops	Annual grasses	VIC, TAS only	0.9 to 1.2 L plus 0.8 kg/ha Simazine 900 WG and/or 560 mL to 1.5 L/ha Diquat 200	Apply as a directed inter-row spray prior to crop emergence from winter dormancy, using a minimum of 250 L/ha spray volume to ensure good and even coverage of weeds.



Crop use or Situation	Weeds controlled	State	Rate/ha	Critical Comments
Orchards (including bananas) Vineyards	Annual weed control	QLD, VIC, SA, WA, TAS, NT only	1.2 to 2.4 L / sprayed ha *B  120 to 240mL per 100L (a) see below	Spray as necessary for control of annual weeds. Avoid contacting crop foliage. In bananas apply soon after weed emergence and before weeds reach 15cm in height. Use spraying pressure less than 240 kPa. Avoid chemical contact with roots and peepers near the pseudo stem. Repeat sprays as required. Para-Ken 334 will not harm trees or vines with mature brown bark if this alone is sprayed. Use the higher rate for dense weed growth.  If fat hen <i>Chenopodium album</i> or <i>Portulaca</i> spp. are present and Para-Ken 334 rate is less than the ratio 600 mL/100 L add 200 mL Agral® or 120 mL Ken-Wett 1000 per 100 L of spray mix.  <b>Note:</b> Spot spray rate assumes 1000L water/ha. For lower water volumes increase dilution rate as below: Water volume 250 L/ha: use 480 to 960 mL/100L Water volume 500 L/ha: use 240 to 480 mL/100L Water volume 750 L/ha: use 160 to 320 mL/100L <b>OR</b> Measure how much spray is required to cover an area of 100 square metres using your normal application volume. Your dilution rate is 12 to 24 mL of Para-Ken 334 in this volume.
		NSW only	1.3 L / sprayed ha *B	
Peanuts Post-emergence (in crop)	Datura spp. (2 to 4 leaf) Annual ground cherry (2 to 3 leaf) Apple-of-Peru (2 to 4 leaf) Milkweed (2 to 3 leaf) Stagger weed (2 to 3 leaf) Blue heliotrope (2 to 3 leaf) Wandering Jew (2 to 3 leaf) Anoda weed (2 to 3 leaf) Bellvine (2 to 3 leaf) Common morning glory (2 leaf)	QLD, NT only	300 mL	Spray peanuts up to 7-8 leaf stage but before majority of plants are flowering. Foliage will be scorched following application but plants recover rapidly. Apply in spray volume of 200 - 250 L/ha for thorough coverage of weed foliage. A dense canopy of weeds may reduce weed control due to shielding. Add 100 mL Agral® or 60 mL Ken-Wett 1000/100 L of spray mix.  Do not spray (on peanuts) under extremely hot dry conditions when peanuts are very small. In environments such as Far North Queensland use the lower rates in the range.
			450 mL	
			450 mL	
			450 mL	
			600 mL	
			600 mL	
			600 mL	
			600 mL	
Potatoes	General Weed control (in-crop)  Pre-harvest weed control	All States	0.9 to 1.2 L *	Spray at early crop emergence (no later than 25% emergence of potato shoots). Use the higher rate for dense weed growth.
			2.1 L *	Spray about one week before digging and after tops have died down.
Row Crops, Vegetables and Market Gardens	Pre-planting and pre-crop emergence	All States	0.9 to 1.2 L <b>OR</b> 150 mL/100 L *B	To control weeds in seed beds. Treat no less than three days before sowing or before crop emergence. Use the lower rate for early autumn applications.
	Post-emergence inter-row weed control		0.9 to 1.2 L <b>OR</b> 150 mL/100 L *B	Apply after crop seedlings have emerged or when transplanted crops are established. Direct the spray so that it does not touch the crop. Use shielded nozzles.  Seedling weeds - use the lower rate for early autumn applications.
	Seedling weeds			Seedling weeds - use the lower rate for early autumn applications.
	Older weeds		1.8 L or 300mL/100 L *	More mature stages of weed growth.

Crop	Weeds	Growth stage	Rate /ha	States	Critical Comments
Sugar Cane (Plant and ratoon)	Grass and some broadleaf weeds	up to 5 cm high	0.9 to 1.2 L per sprayed ha	QLD, NSW, NT only	Apply as a broadcast spray over-the-top of plant cane up to the 3-4 leaf stage or ratoon cane up to 10 cm high. Cane foliage will be scorched but new leaves will appear in 7-10 days. In plant cane between the 3-4 leaf stage and the formation of the true stem use a directed interspace spray. The Irvin spray boom (or other similar equipment) is the most suitable equipment to avoid excessive drift onto cane foliage while spraying at the cane bases of plant and ratoon cane. After the formation of the true stem which is resistant to Para-Ken 334, the sprayer height can be raised to overlap the spray pattern to give weed control in the stool. Use the higher rate for dense, more mature weeds. Para-Ken 334 can be mixed with Atrazine 900 WG herbicide to give residual weed control when used as a blanket or directed spray - refer to the Atrazine 900 WG label for specific rates.  To enhance activity of Para-Ken 334 under favourable growing conditions and in open sunny conditions add Diuron WG at rates shown for weed size. Complete spray coverage is essential. For grasses and broadleaved weeds up to 5 cm high use a minimum of 250 L spray solution/ha, increase to 350 L/ha for weeds up to 10 cm high. Use a minimum spray volume of 400 L/ha for weeds > 10 cm high and for dense mature weeds.  Always add Agral® at 200 mL or Ken-Wett 1000 at 120 mL per 100 L of water.  <b>APPLY ONLY</b> as a directed band spray over a maximum of 60 per cent of the crop area <b>DO NOT</b> apply in the Wet Tropics <b>DO NOT</b> apply in the Burdenkin between 1 January and 29 February <b>DO NOT</b> apply in Mackay Whitsunday between 1 December and 30 April <b>DO NOT</b> apply in Burnett Mary between 1 November and 29 February <b>DO NOT</b> apply in NSW between 1 November and 30 April
	Grass and some broad leaf weeds - enhancement with Diuron	Up to 5 cm high	0.9 to 1.2 L + 275 g to 500 g Diuron 900 WG		
	Grass and some broadleaf weeds - enhancement with Diuron	up to 10 cm high	0.9 to 1.2 L + 1 kg Diuron 900 WG		

\* Capeweed or *Erodium* spp. present: Add Diquat 200 at 750 mL to 1.5 L/ha (125 mL to 250 mL/100 L for high volume spraying). Use higher rate for plants more than 10 cm diameter.

B If Para-Ken 334 rate is less than the ratio 300 mL/100 L add 100 mL Agral® or 60 mL Ken-Wett 1000 per 100 L of spray mix.

Wetting Agent: (a) Add 170 mL Agral® or 100 mL Ken-Wett 1000 per 100L

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

**FOR USE ONLY AS AN AGRICULTURAL AND HORTICULTURAL HERBICIDE, THIS PRODUCT IS TOO HAZARDOUS TO BE USED IN THE HOME GARDEN.**

**WITHHOLDING PERIOD  
DO NOT GRAZE OR CUT SPRAYED VEGETATION FOR STOCK FOOD FOR AT LEAST 1 DAY, OR GRAZE HORSES FOR 7 DAYS AFTER APPLICATION.  
REMOVE STOCK FROM TREATED AREAS 3 DAYS BEFORE SLAUGHTER.  
CHICK PEAS, FABA BEANS, FIELD PEAS, LENTILS, LUPINS - DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.**

**PLEASE NOTE EXTRA WETTER REQUIREMENTS FOR HIGH VOLUME SPRAYING.**

## GENERAL INSTRUCTIONS

1. Do not use hand-held ultra low volume controlled droplet applicators (CDA units), boomless jets or misting-machines.

### 2. Mixing

Add the required quantity of product to water in the spray tank and agitate to give even mixing. Agitate again if left standing.

### 3. Wetting agent

This product contains a wetting agent and additional wetter is not required unless high volume spraying results in excessive dilution of wetter content. This will occur when product rates fall below 300 mL per 100 L of spray. Under such circumstances wetter should be added at the rate of 100 mL of Agral® or 60 mL of Ken-Wett 1000 per 100L of spray mix.

Where Fat Hen or *Portulaca* are present in orchard or vineyard situations, extra wetter should be used when this product ratio is less than 600 mL per 100L. Add wetter at double the above recommendations. Do not use alkaline or anionic wetting agents.

### 4. Clean water

Mix this product **with clean water only**. Water should be clean and free from clay, silt and algae. Providing it meets this requirement, saline water, water collected from roofs, bore water, dam water and water from creeks may be used.

### 5. Application

#### (i) Cereals and Broadacre Spraying

Use only through a properly calibrated boom spray which should be fitted with flat fan jets and adjusted to a height to give at least double overlap of the spray at the top of the weeds being sprayed.

Spraying pressures should be in the range of 200-300 kPa. Speed of travel should be in the range of 6-15 km/hr. It is essential that a good marking system be used. If a disc marker is used, it must be mounted so as to turn the soil back on to the area sprayed. It is essential to obtain good leaf coverage with the spray and volumes of dilute spray must be adjusted according to density of weed growth. 100 L/ha may be used for seedlings or well grazed weeds up to 2 cm high. For plant height 2-5 cm use 150 L/ha and up to 6-10 cm use 200 L/ha. Spray volumes may be as low as 50 L/ha (30 L/ha in WA) for weed growth below 5 cm high, or for spray topping and hay freezing. Equipment must be appropriate to this volume, properly calibrated and fitted with spraying tips designed to give droplets in the 200-250 µ Volume Median Diameter range.

#### (ii) High Volume Application

Higher volumes will generally be required to give good coverage of weed growth in situations other than those specified under cereals and other broadacre crops.

(iii) Wash spray equipment with clean water immediately after use. This product is highly corrosive to metals, particularly galvanised iron and aluminium and should not be left for long periods in tanks or equipment made of these materials.

**For ground application only** - do not use this formulation through aircraft, misting machines or hand-held ultra low volume controlled droplet applicators (CDA units).

### 6. Compatibility

This product combines satisfactorily with the soil active herbicides Atrazine 900 WG, Diuron 900 WG and Simazine 900 WG where prolonged weed control is required as well as a quick knockdown. This product is compatible with Agral®, Ken-Wett 1000, Diquat 200, Speedy 250, Dicamba 500, Banvel® M, MCPA 750 (no more than 1 L per 800 mL Para-Ken 334), Ken-Chlor 750, Yield®, Tri-Allate 500, Trifluralin 480 and Ox 240.

### 7. Spraying conditions

Avoid spraying plants under stress from waterlogging, frost, drought etc. or covered with dust and soil. Results will be better if application is made in dull weather or at the end of the day. Light rain following spraying will not affect results. Avoid drift into neighbouring crops.

### Resistant Weeds Warning

**GROUP 22 HERBICIDE**

Para-Ken 334 Herbicide is a member of the bipyrindyls group of herbicides. Para-Ken 334 has the inhibitor of photosynthesis at photosystem I mode of action. For weed resistance management Para-Ken 334 is a Group 22 herbicide.

Some naturally-occurring weed biotypes resistant to Para-Ken 334 and other inhibitor of photosynthesis at photosystem I 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 Para-Ken 334 or other inhibitor of photosynthesis at photosystem I herbicides.

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 Para-Ken 334 to control resistant weeds.

This product kills annual grasses and most annual broadleaf weeds (excluding capeweed) in specified situations and should not be used for any other purpose. Quickly kills green plant tissue on contact. Is immediately inactivated in the soil. At spraying, weeds should be growing vigorously and must not be covered with soil or heavy dew. The principle of selective weed control with this product is that annual weeds are killed but perennial plants and clovers recover after an initial scorch. The control of annual weeds by spraying with this product will allow the desirable perennial species to thicken up at the expense of the weeds. Moisture and fertility should not be limiting at spraying and the proportion of desirable species must be great enough for them to fill in the areas previously occupied by weeds. Long-term weed control can be obtained following the quick knockdown given by this product if it is combined with soil residual chemicals.

### 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 susceptible plants/crops, cropping lands or pastures. This formulation should not be applied on or near water which is used for irrigation purposes.

### PROTECTION OF LIVESTOCK

Domestic pets and poultry - keep away from treated areas. This formulation should not be applied on or near water which is used for livestock watering.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers. This formulation should not be applied on or near water which is used for human consumption, livestock watering or irrigation purposes or water used for commercial or recreational fishing.

### STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. 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 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.