

STORAGE AND DISPOSAL

Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemical 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.

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 Micro Matic 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 Micro Matic coupler, 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

Harmful if swallowed. Will irritate the eyes, nose, throat and skin. Avoid contact with eyes and skin. Do not inhale vapour. When preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow length nitrile gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. If product in eyes wash it 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 131126). If swallowed DO NOT induce vomiting. Give a glass of water. If product in eyes, wash it out immediately with water.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet (MSDS).

CONDITIONS OF SALE

"Kenso Corporation (M) Sdn. Bhd." ('Kenso') shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Kenso's skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Kenso has any authority to add to or alter these conditions.

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

Batch No:

Date of Manufacture:

CAUTION

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

Kenso Agcare

Pendi 330

Selective Herbicide

ACTIVE CONSTITUENT: 330 g/L PENDIMETHALIN SOLVENT: 558 g/L LIQUID HYDROCARBON



For the control of annual ryegrass and wire weed in wheat, barley and peas and annual grasses and certain broadleaf weeds in various crops as shown in the Direction for Use table

IMPORTANT: READ THIS LEAFLET BEFORE USE



Kenso Corporation (M) Sdn Bhd Kirkland Corner H/177 Old Cleveland Rd. Coorparoo 4151 Phone 07 38474288

DIRECTIONS FOR USE: RESTRAINTS

DO NOT sow sensitive summer crops such as sorghum and millets within 12 months of application of Pendi 330.

DO NOT apply to a poorly prepared seedbed. **DO NOT** use Pendi 330 mixed with atrazine on heavy clay soils. **DO NOT** apply Pendi 330 where water logging is likely to occur.

1.Pre-Plant Incorporated Treatment (Double Incorporation)

Crop	Weeds Controlled	State	Rate/ha	Critical Comments
Cotton		Qld, NSW and ACT only	3 L	Incorporate into the soil within 24 hours of application. Use a combine with trailing harrows
Cow peas, mung beans, navy beans, peanuts, pigeon peas and soybeans Sunflowers	See Weed Table A	Qid, NSW, NT and ACT only Qid, NSW,	2.5 to 3 L	and chain or offset or tandem discs or Lilliston cultivators, set to work to a depth of 2-5cm. Subsequent planting operations in irrigated cotton may remove the Pendi 330 treated soil from hills leaving an untreated band over the row, requiring a further application of Pendi 330 or other herbicides in that band. When the seedbed is rough, a second incorporation is necessary. Pendi 330 may be applied by aerial or ground
		ACT, Vic, SA only		spraying. In the Macquarie Valley area, only apply by air when ground is too wet for ground application. (Refer note on "Incorporation" (a)). Use the higher rate on heavy textured soils or those high in organic matter and the lower rate on light to medium textured soils.
Barley and wheat	Annual ryegrass (<i>Lolium rigidum</i>) Wire weed (<i>Polygorum</i> <i>aviculare</i>) Wild oats* (<i>Avena</i> spp.) * Suppression only	All States	1.2 L	Incorporate into the soil within 24 hours of application. (Refer note (a) under "Incorporation"). Use weighted harrows at 8-13 km/hr followed by a cross working with a combine set to work at a depth of 2-5cm at 8-13 km/hr. Application to heavier soil types which have poor structural characteristics or are poorly worked may result in insufficient and uneven incorporation and unsatisfactory weed control. Heavy soils that are cloddy or have a surface crust or surface seal should be avoided. Attempting to incorporate Pendi 330 when soils are very wet or very dry may also result in insufficient mixing and therefore poor weed control. Wheat and barley seed must be sown approximately 1 cm beneath the chemically treated band or reduced emergence may occur. Refer sections "Cereal Seed Dressings" and "Weather Conditions at Planting", under GENERAL INSTRUCTIONS, for further information on emergence. If wild oats are expected to be a problem use a wild oat herbicides.
Field peas		Southern NSW, ACT, Vic, Tas, SA, WA only	2L	Incorporate into the soil within 24 hours of application. Use weighted harrows at 8-13 km/hour followed by a cross-working with a combine set to work at a depth of 2-5cm at 8-13 km/hr. Seed should be sown below the chemical band. Use cover harrows behind the combine. (Refer note (a) under "incorporation"). Use a wild oat herbicide if wild oats are expected to be a problem.

Chickpeas, faba beans, lupins and safflower	Qld, and northern NSW only	2.5 to 3L	Incorporate into the soil within 24 hours of application. Use weighted harrows at 8-13 km/hr followed by a cross working with a combine set to work at a depth of 2-5cm at8-13 km/hr. Seed should be sown below the chemical band. Use cover harrows behind the combine. (Refer note (a) under "Incorporation"). Use the higher rates on medium to heavy textured soils and the lower rates on light textured soils. Heavy soils that are cloddy or have a surface seal should be avoided. Attempting to incorporate Pendi 330 when soils are very wet or very dry may also result in insufficient mixing and therefore poor weed control. If wild oats are expected to be a problem
			control. If wild oats are expected to be a problem use a wild oat herbicide.

Crop	Weeds Controlled	State	Rate/ha	Critical Comments
2. Pre-Plant Aj Crop Barley and Wheat	Weeds Controlled Annual ryegrass(Lolium rigidum), Wireweed(Polygonu m aviculare), Wild Oats*(Avena spp.) *Suppression only Annual ryegrass(Lolium rigidum), Wireweed(Polygonu m aviculare), Wild Oats*(Avena spp.) *Suppression only Silvergrass*(Avena spp.) *Suppression only Silvergrass*(Vulpia spp.) * Suppression only	State All States Southern NSW, ACT, Vic, SA and WA only	Rate/ha 1.8L 1.8 to 3 L 2 to 3 L	Barley and wheat: Where full (double) incorporation is impractical and where the seedbed tilth is fine and free of large stones and trash, apply Pendi 330 up to 24 hours prior to sowing. Incorporate with the combine set to sow to a depth of 3-5 cm Use trailing harrows. (Refer note (a) under "Incorporation"). Wheat and barley seed must be sown at least 1 cm beneath the chemically treated band or reduced emergence may occur. Refer sections "Cereal Seed Dressings" and "Weather Conditions at Planting" under GENERAL INSTRUCTIONS, for further information on emergence. Canola: Apply Pendi 330 up to 24 hours prior to sowing. Incorporate with the combine set to sow the seed below the chemical band. Use the higher rates or medium to heavy textured soils and the lower rate on light textured soils. NOTE: Development of water logged
Chickpeas, faba beans, field peas	Annual ryegrass(<i>Lolium</i>	Southern NSW, Vic, SA and WA	2 to 3 L/ha	conditions after the application of Pend 330 may retard the emergence of canola. If wild oats are expected to be a problem use a wild oat herbicide. Application to heavier soil types that have poor structural characteristic or are poorly worked may result in insufficient and unever incorporation and unsatisfactory week control. Heavy soils that are cloddy or have a surface crust or surface seal should be avoided. Attempting to incorporate Pend 330 when soils are very wet or very dry may also result in insufficient mixing and therefore poor weed control. Where full (double) incorporation is impractical and where the seedbed tilth is fino and free of large stores and trach
field peas, lupins and safflower	rigidum), wireweed(Polygonu m aviculare), silvergrass*(Vulpia spp.)	only		fine and free of large stones and trash apply Pendi 330 or in the case of lupins Pendi 330 plus simazine, up to 24 hours prior to sowing. Incorporate with the combine set to sow to a depth of 3-5 cm
Lupins	Wild Oats*(<i>Avena</i> spp)	WA only	2L plus simazine at 500 g	Use trailing harrows. (Refer note (a) unde "Incorporation"). Application to heavier so types that have poor structura

*Suppression only		ai/ha	characteristics or are poorly worked may result in insufficient and uneven incorporation and unsatisfactory weed control. Heavy soils that are cloddy or have
	NSW, ACT, Vic and SA only	2L plus simazine at 1.5 kg ai/ha	a surface crust or a surface seal should be avoided. Attempting to incorporate Pendi 330 when soils are very wet or very dry may also result in insufficient mixing and therefore poor weed control. Refer to section on "Weather Conditions at Planting" under GENERAL INSTRUCTIONS, for further information on emergence. If wild oats are expected to be a problem use a wild oat herbicide. Use the higher rates on medium to heavy textured soils and the lower rates on light textured soils.

3. Post-Plant Pre-Emergence Surface Treatment (Overall or Band Spraying): Non-Mechanical
Incorporated

Crop	Weeds Controlled	State	Rate/ha	Critical Comments
Cotton	See Weed Table B	Qld, NSW and ACT only	4.5 L	Cotton: Where incorporation prior to sowing is impractical and where the seedbed tilth is fine and free of large stones and trash, Pendi 330 should be applied within 48 hours after sowing. Sunflowers: Where incorporation prior to
Sunflowers		Qld, NSW, ACT and SA only		sowing is impractical and where the seedbed tilth is fine and free of large stones and trash Pendi 330 should be applied after sowing and before the emergence of the crop and weeds. Where fat hen or blackberry nightshade is expected to be a major problem, pre-plant incorporation (No.1 application method) is preferred. (Refer sections on "Incorporation" (a) and (b)).
Carrots	See Weed Table D	Qld, NSW, ACT, Vic, SA, Tas, WA only	2-3L	Minimum Planting depth Carrots: 15 mm Processing peas: 30 mm
	Weed Table D plus, Sowthistle(Sonchus oleraceus), Wild Radish(Raphanus raphanistrum)		2 L plus linuron at 1.0kg ai/ha	Seed should be sown with press wheels or rollers behind the planter in order to ensure coverage of the seed and compaction of the seedbed. Apply Pendi 330 to a fine firm seedbed free of ridges, clods and trash
French beans	See Weed Table D	Qld only	3-4L	within 2 days after sowing. Use the higher rates on heavier textured soils or those with
Processing peas	-	Qld, Vic only	2 to 4 L	higher organic matter content. Incorporate with 12 to 25 mm of spray irrigation or rainfall applied within one day of application for optimum performance. DO NOT disturb the soil by rolling or harrowing after Pendi 330 has been
		Tas only	4 L	applied. DO NOT apply where heavy rainfall or irrigation is likely to lead to water logging. DO NOT use Pendi 330 on soils with organic matter content above 6% as inconsistent weed control will occur. French beans: For use in the Lockyer and Fassifern valleys only, DO NOT apply to French beans sown during the autumn, winter or early spring or which are likely to be stressed by cold weather.

Maina	Cae Weed Table D		4 51	Where grooped are expected to be a main
Maize	See Weed Table B	Qld, NSW, ACT, NT only	4.5L	Where grasses are expected to be a major problem, this treatment is recommended: Kenso Agcare Pendi 330 Selective Herbicide alone. Apply KA Pendi 330 Selective Herbicide after planting and before emergence of crop and weeds. DO NOT incorporate this treatment. Avoid application in dry weather, this may cause pruning or aerial roots and lodging. (Refer sections on "incorporation" Notes 2 and 3)
	See Weed Table C		3L plus atrazine at 1kg ai	Where thorn apple, Noogoora burr, Bathurst burr, caltrop, paddy melon or mintweed are expected to be the major problems, KA Pendi 330 should be applied in a tank mix combination with atrazine after planting and before emergence of crop and weeds. DO NOT incorporate this mixture. Follow directions on atrazine label carefully. This treatment should not lead to soil residue problems with atrazine on heavy clay soils as weed control may not be adequate. (Refer section " Incorporation" Notes 2 and 3.)
Onions	Hogweed (Wireweed) (Polygonum aviculare)	Tas only	0.75 to 1 L/ha	Apply in conjunction with other herbicides as advised by a qualified crop adviser to ensure that an adequate level of weed control is achieved in adverse conditions. Pre-emergence DO NOT use on sandy soils. Minimum planting depth: 15 mm
				Apply from immediately after sowing until just prior to emergence. Apply Pendi 330 to a fine, firm seedbed free of clods and trash. Use the higher rates on heavy textured soils or those with a high organic matter content. For optimum performance, incorporate with 12 to 25 mm of spray irrigation within one day of application. DO NOT exceed 0.75 L/ha if soil conditions are wet and cold.
			1 to 2 L/ha	Post-emergence Apply Pendi 330 from the first true leaf until the 3 leaf stage. Repeat applications may be made after the 1 leaf up to the 3 leaf stage providing total usage of Pendi 330 on crop does not exceed 3L/ha. Avoid applying Pendi 330 to areas where water logging is likely to occur.

4. Post-Plant Pre-Emergence Treatment (Incorporated or Non-Incorporated)

Crop	Weeds Controlled	State	Rate	Critical Comments
Sugar cane	Awnless barnyard grass(<i>Echinochloa</i> <i>colona</i>) Crowsfoot grass(<i>Eleusine</i> <i>indica</i>) Green summer grass(<i>Brachlaria</i> <i>subquadripara</i>) Guinea	Qld, NSW and WA only	3 to 4.5 L/ha	Pendi 330 should be applied as soon as possible after planting and before weed emergence. However, consolidation (cutaway operation) of the planting furrow prior to application to prevent soil movement into the base of the drill is recommended. Poor grass control is expected in soils which contain a high percentage of organic matter. (Refer section on "Incorporation" (a)). Use the

grass(Panicum maximum c.v Hamil and c.v Guinea) Summer grass(Digitaria ciliaris) Blue top (blue billygoat weed) (Ageratum houstonianum)	 A L/ha plus atrazine at 1.5 kg ai/ha or diuron at 1.5 kg ai/ha A L/ha plus atrazine at 1.5 kg ai/ha or diuron at 1.5 kg ai/ha or diuron at 1.5 kg ai/ha 	anditions or ected after thoroughly a shallow operations, exceed the e using 12 or rainfall sturbed by duration of method of re irrigation plication of owement of om of the e reduced.
---	--	--

5. Post-Plant and Flushing: Pendi 330 Tank Mixtures

Crop	Weeds Controlled	State	Rate	Critical Comments
Combine	Barnyard	Qld, NSW and	3 L/ha	Apply this tank mixture up to the 2 leaf

Kenso Agcare Pendi 330 Selective Herbicide

Combine sown rice and pasture sod sown rice	Barnyard grass(<i>Echinochloa</i> <i>spp.</i>) Silvertop grass(Brown beetle grass)(<i>Diplachne</i> <i>reptatrix</i>) Starfruit(<i>Damasoni</i> <i>um minus</i>) Annual sedges*(<i>Cyperus</i> <i>spp.</i>) * Suppression only	Qld, NSW and NT only	3 to 4.5 L/ha plus paraquat at 200g ai/ha	Use the higher rate when sowing into pasture sod sown rice for annual sedge control or when more than 10 days is expected between treatment and permanent water. Apply this tank mix up to the 3 leaf stage of barnyard grass, silvertop and sedges, before rice emergence. Apply by ground rig in 70-100 L/ha of water total spray volume. Water Management: Flush immediately after sowing to enable a good even germination of rice. The soil surface must be sealed by a flushing irrigation or rainfall before the application of Pendi 330 plus paraquat. Apply a second flush or
				than 5 days after the application of Pendi 330 plus paraquat. To assist in the control of barnyard grass, permanent water should be applied as soon as the rice can tolerate it and levels maintained for optimum growth of rice. Rice Stage: After the first flushing irrigation, Pendi 330 plus paraquat must be applied before rice emergence. DO NOT apply to rice in a weakened condition from causes such as soil salts, moistures stress, over watering, or any other cause.

6. Pre-Transplant Treatment

Crop	Weeds Controlled			
		State	Rate	Critical Comments
Transplant ed broccoli, cabbage and cauliflower	See Weed Table D Weed Table D plus dwarf amaranth(<i>Amarant</i> <i>hus macrocarpus</i>) Green amaranth(<i>Amarant</i> <i>hus viridis</i>) Annual nettles(<i>Urtica spp.</i>) Indian hedge mustard(<i>Sisymbriu</i> <i>m orientale</i>) Potato weed(<i>Galinsoga</i> <i>parviflora</i>) Sowthistle, Turnip weed(<i>Rapistrum</i> <i>rugosum</i>) Wild Radish, Wild Turnip(<i>Brassica</i> <i>tournefortil</i>) Winter grass(<i>Poa</i> <i>annua</i>)	Qld, NSW, Vic, SA and WA only	2 to 3 L/ha 2 to 2.5 L/ha plus 9 L/h Ramrod [®] SC	Apply Pendi 330 to a film seedbed free of ridges, clods and trash between 7 and 2 days before transplanting. Use the higher rates on heavier textured soils or those with a higher organic matter content. Incorporate with 12 to 25 mm of spray irrigation or rainfall applied within one day of application for optimum performance. Mechanical disturbance to the seedbed at transplanting should be minimized to achieve optimum performance. Do NOT apply after transplanting as damage will occur. DO NOT apply after transplanting or crop stunting will result. DO NOT use Pendi 330 on soils with an organic matter content above 6% as inconsistent weed control will occur. Ramrod may be tank mixed with Pendi 330 prior to transplanting.
Transplant ed lettuce	See Weed Table D		2 to 4 L/ha	

7. Perennial Crops

Crop	Weeds Controlled	State	Rate	Critical Comments
Avocadoes,	Dwarf amaranth,	All States	9 to 12	Do NOT apply Pendi 330 to grapevines
bananas,	green amaranth,		L/ha	after bud swell.
citrus,	annual			Precaution: Pendi 330 or Pendi 330 plus
deciduous	ryegrass(Lolium			simazine is likely to affect the emergence
fruits,	<i>rigidum</i>), Asthma			and growth of green manure crops such as
grapevines,	plant(<i>Euphorbia</i>			oats or beans between rows of trees or
lychees,	nuta), Barnyard			vines, if they are sown into the treated
macadamia nut.	grass(<i>Echinochloa</i> spp.),			band within 12 months of application. Use the higher rate on medium to heavy
mangoes,	chickweed(Stellaria			textured soils and the lower rate on light
nuts	media)			textured soils. Use directed spray avoiding
indio	Crowsfoot			spray contact with green bark, fruit and
	grass(Eleusine			foliage. If applied to freshly transplanted
	indica),			trees or vines, soils should be compacted
	Deadnettle(Lamiu			prior to application of Pendi 330 to avoid
	m amplexicaule),			contact with roots. Pendi 330 must be
	Fat			incorporated by a minimum of 5 mm of
	hen(Chenopodium			rainfall or spray irrigation as soon as
	album) Bigoop groce			possible but no later than 10 days after
	Pigeon grass, Pigweed(<i>Portulaca</i>			application or weed control may be reduced. For best results, soil surface
	oleracea), Prickly			should be free of weeds, surface litter and
	lettuce(Lactuca			clods at the time of application. If small
	serriola),			weeds are present at the time application,
	Sowthistle(Sonchu			Pendi 330 should be tank mixed with
	s oleraceus),			knockdown herbicide at the recommended
	Summer			rate.
	grass(<i>Digitaria</i>			Caution: Use of simazine mixtures could
	<i>ciliaris</i>), Winter			lead to crop damage on vines younger
	grass(<i>Poa annua</i>), Wireweed(<i>Polygon</i>			than 3 years of age. Refer to the simazine label.
	um aviculare)			Do NOT apply simazine mixtures to
	As above plus		12 L/ha	alkaline soils.
	Prairie grass			
	(Bromus uniloides)			
	Spotted medic			
	(medicago arabica)			
Citrus,	As above plus		9L/ha	
deciduous	Cobbler's pegs		plus	
fruits,	(Bindens pilosa)		simazine	
grapevines	Curious weed		at 800	
and nuts	(Schkuhria pinnata)		ai/ha	
	Stinking Roger			
	(Tagetes minuta)			
	As above plus		12L/ha	1
	Caltrop (Tribulus		plus	
	terrestris)		simazine	
			at 1kg	
			ai/ha	
Established	Fat hen	NSW, ACT and	3L/ha	During the spring months prior to irrigation,
Lucerne	(Chenopodium	SA only		the Lucerne stand should be grazed down
seed crops	album)			hard to produce a low trash soil surface.
only	Summer grass			Apply KA Pendi 330 and incorporate
	(Digitaria			treatment by 12-25mm of spray irrigation or rainfall within 1 day of application.
	sanguinalis)		A = 1 /2	ימויומו אונוווד נעמץ טו מסטונכמנוטה.
	As above plus		4.5L/ha	
	Pigeon grass			
	(Setaria spp.)			

Pyrethrum- newly transplante d "splits"	Seedling docks(<i>Rumex</i> spp.) Useful suppression of following weeds is also obtained: Capeweed(<i>Arctoth</i> <i>eca calendula</i>) Erodium spp.(Storksbill)	Tas only	5L	Apply immediately following transplanting before emergence of weeds. Repeat applications in any one year should only be made according to advice from crop advisers. Use lower rates on light soils. This product should be used in combination with other registered herbicides as recommended by crop advisers.
Established pyrethrum (one year old or greater)	Spear thistle(<i>Cirslum</i> <i>vulgate</i>)			Apply in autumn or spring prior to weed germination. Note: existing weeds must be controlled with knockdown herbicides, as KA Pendi 330 will not control these weeds. Repeat applications in any one year should only be made according to advise from crop advisers. This product should be used in combination with other registered herbicides as recommended by crop advisers.

Perennial Crops (Continued)

Crop	Weeds Controlled	State	Rate/ha	Critical Comments
<u>Crop</u> Teatree	Weeds ControlledSee Weed TableB plusDwarf amaranthGreen amaranthAnnualryegrass(Loliumrigidum)Asthmaplant(Euphorbiahirta)Barnyardgrass(Echinochloaspp.)Chickweed(Stellaria media)Crowsfootgrass(Eleusineindica)Deadnettle(Lamiumamplexicaule)Fathen(Chenopodiumalbum)Pigeon grass,Pigweed(Portulacaoleracea)Pricklylettuce(Lactucaserriola)Sowthistle(Sonchusoleracceus)Summergrass(Digitariaciliaris)Winter grass(Poaannua)Wireweed(Polygonum aviculare)	State NSW, ACT, Qld, SA and NT only	Rate/ha 4.5-9L	Critical Comments Do Not tank mix with simazine as crop damage may result. For best results the soil surface should be free of weeds, surface littler and clods at the time of application. Pre-transplanting: Apply 7-12 days prior to transplanting seedlings. Use the higher rates on heavier textured soils or soils with higher organic matter. Mechanical disturbance should be minimized during planting to optimize performance. Avoid contact of treated soil with seedling roots. Post-transplanting: Apply immediately following planting and pre-emergence of weeds. If applied to freshly transplanted trees, soils should be compacted prior to application of KA Pendi 330 to avoid contact with roots. Weed control may be reduced if rainfall of irrigation does not occur within 10 days of application. Flood irrigation may reduce control.

8. Established Turf

Crop	Weeds Controlled	State	Rate	Critical Comments
Turf warm,	Crowsfoot (Crab	All States, ACT	4.5L/ha	The product should be incorporated by 10-
Season	grass),	and NT	or	15 mm of spray irrigation or rainfall as
species,	Summer grass,		45mL/10	soon as possible within one day of
Bahia	Winter grass		0m ²	application.
grass,				Apply once every 10 weeks from early
Buffalo				September to the end of February.
grass,				
Couch,				
Kikuyu,				
Salt water				
couch and				
Zoysia				
grass turf				
Queenslan			3 L/ha or	
d blue			30	
couch,			mL/100	
Hybrid			m²	
couch c.v				
Tifdwarf				T
Turf Cool			4.5 L/ha	The product should be incorporated by 10-
Season			or 45	15mm of spray irrigation or rainfall as soon
Species			mL/100	as possible within one day of application.
Kentucky			m²	
blue grass				De NOT make man then and employed
Bent			3 L/ha or	Do NOT make more than one application
grass,			30	of Pendi 330 per year (Refer to ryegrass,
Perennial			mL/100	bent grass only)
ryegrass			m²	

9. Irrigation Channels

Crop	Weeds Controlled	State	Rate	Critical Comments
Cotton irrigation banks, channels and drains	Barnyard grass, Silvertop grass (Brown beetle grass)	Qld and NSW only	4.5 to 9 L/ha 6 L/ha plus diuron at 8.1 kg	Use the lower rate when short-term control is required. Apply in late winter or early spring regarding or clearing channels. The soil should be loose and free of large clods. If 25-50mm of rainfall has not fallen within 14 days of application the channel should be filled with water and allowed to stand for 1 day. The water in the channel should then be drained off and used to pre- irrigate cotton fields. Do NOT use water in channel to irrigate or pre-irrigate susceptible crops. Use this mixture where long-term control is required or a broader weed spectrum is present. See diuron label for details. Water in the channel should NOT be used
			ai/ha	to irrigate or pre-irrigate susceptible crops.

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

WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

WEED TABLE

A. In Cotton, Cow Peas, Mung Beans, Navy Beans, Peanuts, Pigeon Peas, Soybeans, Sunflower – with pre-plant incorporated treatment (double incorporation).

The following weeds are controlled:

Barnyard grass Button grass Common heliotrope	Echinochloa spp. Dactylotenium radulans Heliotropium europeaum	Native millet Pale pigeon grass Paspalidium (Brigalow grass)	Panicum decompositum Setaria glauca Paspalidium sp.
Crested goosefoot Crowsfoot grass Dwarf amaranth Early spring grass Fat hen Green amaranth Liverseed grass Mexican clover (White eye) Mossman River grass	Chenopodium cristatum Eleusine indica Amaranthus macrocarpus Eriochloa sp. Chenopodium album Amaranthus viridis Urochloa panicoides Richardia brasiliensis Cenchrus echinatus	Pepper grass Pigweed Queensland blue grass Red Flinders grass Scarlet pimpernel Small burr grass Stink grass Weeping love grass Wireweed	Panicum whitei Portulaca oleracea Dichanthium sericeum Iseilema vaginiflorum Anagallis arvensis Tragus australianus Eragrostis cilianensis Eragrostis parviflora Polygonum aviculare

Useful suppression of the following weeds is also obtained.

Blackberry nightshade	Solanum nigrum	Mintweed	Salvia reflexa
Caltrop	Tribulus terrestris	Peppercress	Lepidium spp.
Common verbena	Verbena officinalis	Stagger weed	Stachys arvensis

B. In Cotton, Sunflower, Maize and Teatree – with post-plant pre-emergence surface treatment (Pendi 330 alone).

The following weeds are controlled:

Barnyard grass	Echinochloa spp.	Pale pigeon grass	Setaria glauca
Button grass	Dactyloctenium radulans	Paspalidium (Brigalow grass)	Paspalidium sp.
Common heliotrope	Heliotropium europeaum	Pepper grass	Panicum whitei
Crested goosefoot	Chenopodium cristatum	Pigweed	Portulaca oleracea
Crowsfoot grass	Eleusine indica	Queensland blue grass	Dichanthium sericeum
Dwarf amaranth	Amaranthus macrocarpus	Red Flinders grass	lseilema vaginiflorum
Early spring grass	Eriochloa sp.	Scarlet pimpernel	Anagallis arvensis
Green amaranth	Amaranthus viridis	Small burr grass	Tragus australianus
Liverseed grass	Urochloa panicoides	Stink grass	Eragrostis cilianensis
Mexican clover (White eye)	Richardia brasiliensis	Weeping love grass	Eragrostis parviflora
Mossman River grass	Cenchrus echinatus	Wireweed	Polygonum aviculare
Native millet	Panicum decompositum		

Useful suppression of the following weeds is also obtained.

Caltrop	Tribulus terrestris	Mintweed	Salvia reflexa
Common sowthistle	Sonchus oleraceus	Peppercress	Lepidium spp.
Common verbena	Verbena officinalis	Stagger weed	Stachys arvensis

WEED TABLE

C. In Maize – with post-plant pre-emergence surface treatment of Pendi 330 plus tank mix with atrazine.

The following weeds are controlled in addition to those controlled by Pendi 330 alone:

Bathurst burr	Xanthium spinosum	Noogoora burr	Xanthium pungens
Caltrop	Tribulus terrestris	Paddy melon	Cucurmis spp.

Mintweed	Salvia reflexa	Thornapple	Datura Sp.

The following weeds are not controlled by Pendi 330 or the mixture with atrazine:

Bindweed	Convolvulus sp.	Nut grass	Cyperus rotundus
Wandering jew	Commelina spp.		

D. In Carrots, Processing Peas, French Beans, Transplanted Cabbage, Cauliflower, Brocoli and Lettuce – with pre-emergence surface treatment after planting or before transplanting as directed and incorporated by spray irrigation.

The following weeds are controlled:

Awnless barnyard grass	Echinochloa colona	Fat hen	Chenopodium album
Bittercress	Coronopus didymus	Green fat hen	Chenopodium murale
Bladder ketmia	Hibiscus trionum	Pigweed	Portulaca oleracea
Chickweed	Stellaria media	Prickly lettuce	Lactuca serriola
Deadnettle	Lamium amplexicaule	Shepherd's purse	Capsella bursa-pastoris
	-	Wireweed	Polygonum aviculare

Useful suppression only of the following weeds at the lower rates. Higher rates or tank mixtures are required for complete control (see directions for Use table)

Annual nettles Blackberry nightshade	Urtica spp. Solanum nigrum	Indian hedge mustard Turnip weed	Sisybrium orientable Rapistrum rugosum
Common swothistle	Snchus oleraceus	Wild radish	Raphanus raphanistrum
Fumitory	Fumaria spp.	Winter grass	Poa annua

GENERAL INSTRUCTIONS

Pendi 330 Herbicide is a selective herbicide for the control of most annual grasses and certain broadleaf weeds. Pendi 330 controls weeds by inhibiting seedling development; it will not control established weeds. For best results, seedbeds should be free of weeds, trash and clods at the time of application. Soils containing a high percentage of organic matter can result in poor control. It is recommended that application to soils containing a high percentage of organic matter (greater than 6%) be avoided.

Crop injury may result if cold, wet weather follows planting or if Pendi 330 is applied to a poorly prepared seedbed. With the return of favorable growing conditions (warm weather), the crop will usually recover and resume normal growth.

Pendi 330 will stain (yellow) any objects it contacts. Keep all objects, etc that are not to be stained well clear of the product and spray.

MIXING

Put half the required volume of water in spray tank and start agitation. When using Pendi 330 alone, add Pendi 330 to partially filled tank and then add the remainder of the water. Mix thoroughly.

TANK MIXES

When using Pendi 330 in tank mixes with products such as atrazine or diuron, mix these products as indicated on the relevant label and add the Pendi 330 last, then complete filling of the tank. Maintain good agitation at all times until spraying is completed. If the spray mixture is allowed to settle, thorough agitation is essential to re-suspend the mixture before spraying is resumed. Note that when tank mixing Pendi 330 with paraquat and glyphosate herbicides, the Pendi 330 should be thoroughly mixed in the spray tank first, before adding a paraquat or glyphosate product.

APPLICATION METHOD

Ground Application

Use conventional sprayers with either mechanical or by-pass agitation. Flat fan nozzles should be used. Spray equipment should be correctly calibrated to ensure proper application. If applying Pendi 330 in tank mix combination with atrazine or diuron, nozzle screens must be no finer than 50 mesh. Apply the recommended quantity of Pendi 330 in 50-200 Litres of water per hectare. Where preemergence surface treatment is used, the higher rates of waters are recommended.

Aerial Application

Pre-plant soybeans, cotton, sunflowers, peanuts, navy beans, cowpeas, mung beans, pigeon peas and post-plant, post flushed combine sown rice only. Apply the recommended quantity of Pendi 330 in 25-60 Litres of water per hectare. It is essential that the equipment is correctly calibrated and an even spray pattern is obtained. It is essential that markers be used and an accurate swath width is maintained. Do NOT apply if wind speed is greater than 16 km/hour. Always spray with a cross wind in accordance with recommended flying practice.

Incorporation

- (a) Pendi 330 works best if thoroughly mixed with soil either mechanically or by irrigation or rainfall. The aim of incorporation is to produce an even band of herbicide to intercept germinating weed seeds.
- (b) Post-plant pre-emergence surface applications of Pendi 330 alone, or as a tank mixture, are most effective in controlling weeds when adequate rainfall occurs or irrigation is applied within 7-10 days after treatment to achieve incorporation. If no rain or irrigation is received within 7-10 days, light mechanical incorporation is required for optimum weed control, except when used on maize, carrots and rice.
- (c) Maize is tolerant to Pendi 330 either alone or in mixtures with atrazine if the seed germinates below the chemically treated band. Maize, carrots and rice are NOT tolerant to Pendi 330 if it is in direct contact with the seed.

CEREAL SEED DRESSING

Some fungicidal seed dressings can shorten coleoptiles length and this can affect emergence particularly if seed is sown too deep. When these cereal seed dressings are used in Pendi 330 treated areas it is very important to ensure there is good seed depth control and to sow just below (1cm) the chemically treated band. Consult your local Department of Agriculture Agronomist for further advice.

WEATHER CONDITIONS AT PLANTING

Crop injury may result if cold weather follows planting. With the return of favorable growing conditions (warm weather), crops usually recover and resume normal growth. In cereals, prolonged cold wet conditions during germination and emergence can result in wheat or barley coleoptiles remaining in the treated band for an extended period. This can reduce emergence.

RESISTANT WEEDS WARNING



Pendi 330 Herbicide is a member of the dinitroaniline group of herbicides. Pendi 330 has the inhibition of tubulin formation mode of action. For weed resistance management, Pendi 330 is a group D herbicide.

Some naturally-occurring weed biotypes resistant to Pendi 330 and other Group D 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 Pendi 330 or other Group D 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 Pendi 330 to control resistant weeds.

COMPATIBILITY

Pendi 330 is compatible with the following herbicides:

Atrazine, diuron, simazine , prometryne, fluometuron, flumeturon plus prometryne, ametryne, paraquat, propanil, linuron, glyphosate and Ramrod[®] SC. If tank mixing, observe the directions under mixing.

FOLLOWING CROPS

In the vent of crop failure the soil should be cultivated to a minimum depth of 15 cm to ensure any residues are evenly dispersed throughout the soil. If a maize crop fails due to weather conditions or some other reason, maize can be replanted the same year without adverse effects but seeding depth must be below the retiled area.

The following crops may be sown after a minimum interval of 2 months after application of Pendi 330

Carrots, parsnips, parsley, celery, potatoes, peas, French beans, transplanted Brassicas, transplanted lettuce, transplanted tomatoes, transplanted capsicums.

The following crops may be sown after a minimum interval of 5 months after application of Pendi 330

Turnips, lettuce, radish, Brussel sprouts, cabbage, cauliflower, broccoli, onions, leeks, sweet corn, pumpkins, squash, melons, cucumbers.

The following crops may be sown after a minimum interval of 12 months after application of Pendi 330

Redbeet (beetroot), spinach, silverbeet, poppy.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish and other aquatic life. Do NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemical 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.

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 Micro Mastic 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 Micro Mastic coupler, 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) Son Bhd.

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes, nose, throat and skin. Avoid contact with eyes and skin. Do not inhale vapour. When preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow length nitrile gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. If product in eyes wash it 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 Poison Information Centre. (Phone 13 11 26). If swallowed, DO NOT induces vomiting. Give a glass of water. If product in eyes, wash it out immediately with water.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet (MSDS).

CONDITIONS OF SALE

"Kenso Corporation (M) Sdn. Bhd." ('Kenso') shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Kenso's skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Kenso has any authority to add to or alter these conditions.

In a Transport Emergency
Dial 000
Police or Fire Brigade



Kenso Corporation (M) Sdn. Bhd. Kirkland Corner H/177 Old Cleveland Rd. Coorparoo 4151 Phone 07 38474288

APVMA Approval No. : 58724/0604