

CAUTION

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

KENSO AGCARE

KENPANIL NF 360 HERBICIDE

ACTIVE CONSTITUENT: 360 g/L PROPANIL
SOLVENTS: 170 g/L ISOPHORONE
313 g/L LIQUID HYDROCARBONS

GROUP C HERBICIDE

For post-emergence control of Barnyard Grass in Rice.



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

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

CONTENTS: 20 Litres APVMA Approval No.: 82651/ 106372

KENSO AGCARE KENPANIL NF 360 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. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site.

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 products.

SAFETY DIRECTIONS

Product is poisonous if absorbed by skin contact, inhaled or swallowed. Will irritate eyes, nose, throat and skin. Avoid contact with eyes, skin and clothing. Do NOT inhale vapour or spray mist. When opening the container and preparing the spray, wear cotton overalls buttoned to the neck and wrist, washable hat, PVC or rubber apron, elbow-length PVC gloves, impervious footwear 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. 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.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126. If swallowed, do NOT induce vomiting. Give a glass of water. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. 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 or Fire Brigade

Product of Malaysia



Batch No.:

Date of Manufacture:

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ag science

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DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply within 14 days of applying insecticides to avoid serious damage to rice crop.

DO NOT apply other pesticides or liquid fertilizers either before or after Kenpanil NF 360 application unless such treatment are recommended by local authorities and have been tested thoroughly under local conditions.

DO NOT spray if rain is imminent within 3-6 hours.

Crop	Weeds Controlled	State	Rate	Critical Comments
Rice Post Emergent	Barnyard grass	NSW, WA, NT only	10-11 L/ha	Apply Kenpanil NF 360 when barnyard grass is mainly at 2 to 3 leaf stage. Apply when grasses are actively growing and there is uniform germination of rice and weeds. Under certain circumstances, transient yellowing or leaf burn of rice may occur but complete recovery can be expected in 7 to 10 days. Do NOT use on rice in a weakened condition from soil salts, overwatering or any other cause. Do NOT apply after the rice is 15 to 20 cm high or beyond the 4 leaf stage.
			16.5 L/ha	Use this rate barnyard grass is at 4 to 5 leaf stage, under ideal conditions. Spraying at this later growth stage under adverse conditions may give inferior control.

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.

GENERAL INSTRUCTIONS

MIXING

The chemical must be added to the required amount of clean water and agitated thoroughly.

DO NOT use equipment which has been used to apply other pesticides unless it has been thoroughly cleaned and flushed with detergent solution and rinsed with clean water before filling.

The chemical works only by direct contact to the foliage and early spraying gives best results. Apply in warm weather. Ideal conditions 25-26°C.

APPLICATION

May be applied by aircraft, boom or knapsack. Apply with correctly calibrated equipment and ensure thoroughly and even coverage.

RESISTANT WEEDS WARNING

GROUP **C** HERBICIDE

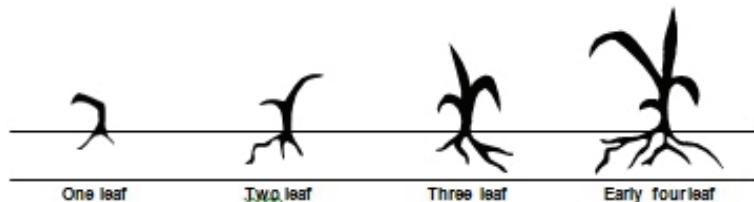
Kenpanil NF 360 Herbicide is a member of the Acetamide group of herbicides. Kenpanil NF 360 is a herbicide which inhibits photosynthesis at photosystem II. For weed resistance management Kenpanil NF 360 is a Group C herbicide.

Some naturally occurring weed biotypes resistant to Kenpanil NF 360, and other herbicides which inhibit photosynthesis at photosystem II, 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 Kenpanil NF 360 or other Group C herbicides. Since occurrence of resistant weeds is difficult to detect prior to use, Kenso Agcare Pty Ltd accepts no liability for any losses that may result from the failure of Kenpanil NF 360 to control resistant weeds.

APPLICATION

Weed growth stages:



- Because contamination of Kenpanil NF 360 with small amounts of certain pesticides results in injury to rice, clean equipment with detergent solution and rinse with clean water before adding to the tank the required amount of water and herbicide. To avoid possible injury to other crops later flush the sprayer with clean water immediately after each application.
- Do not apply Kenpanil NF 360 when wind velocities are high enough to cause poor plant coverage or spray drift nearby susceptible crops. A slight cross wind during spraying is desirable to equalize distribution. Fields may be treated when grasses and weeds are either dry or wet with dew. Rain within 3 to 6 hours after application may reduce effectiveness. Thorough coverage of grasses and weeds with a spray of medium fine droplets (150 to 250µm VMD) is required for optimum control. Kenpanil NF 360 can be applied with aircraft, tractor-mounted boom sprayers and knapsack sprayers.
- Aircraft: Do NOT spray during inversion conditions. Fixed or rotary wing agricultural aircraft equipped with well designed spray distribution systems may be used. Mix with water and apply Kenpanil NF 360 in 55 to 110L total spray volume/ha.
- Tractor-Mounted Boom Sprayers: Standard low pressure herbicide sprayers, equipped with flat fan nozzles, are satisfactory. Apply Kenpanil NF 360 in 110 to 272 L water/ha. Operate equipment at 275 to 345 kPa.

WATER MANAGEMENT

Kenpanil NF 360 Alone: Rice may be aerial or combine temporarily flood the field to prevent drying and crusting. Drain fields thoroughly before application. Apply Kenpanil NF 360 when the rice can tolerate flooding. Prevent a second germination of grasses by flooding 24 hours after but no later than 5 days following treatment. In warm, sunny weather, where weeds are treated under ideal conditions flooding may be commenced within 24 hours of spraying. If forced to treat during cool, cloudy weather and where grasses are large and not actively growing at time of treatment, delay flooding 2 to 5 days for maximum weed control. Flooding should preferably be completed before any further grass emerges and definitely before any freshly emerged grass is beyond the one leaf stage. Hold water on the field for as long as possible without causing damage to the crop. Bear in mind that draining may result in a fresh germination of grass.

COMPATIBILITY

Due to possible injury to rice, do NOT mix other pesticides or liquid fertilizers with Kenpanil NF 360. Do NOT apply other pesticides or liquid fertilizers either before or after Kenpanil NF 360 unless such treatments are recommended by local authorities and have been tested thoroughly under local conditions. Greatest injury has been experienced with carbaryl and with the organophosphates but almost all pesticides have shown some degree of phytotoxicity to rice when used with Kenpanil NF 360.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate wetlands or watercourses with the chemicals or used containers.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray to drift onto nearby susceptible plants, adjacent crops, crop lands or pastures.

Kenpanil NF 360 injures most crops except cereal grains and perennial grasses. Avoid drift or accidental application on other crops such as corn, cotton, gardens, orchards, ornamentals, safflower, seedling legumes, shrubs, soybeans, vegetables and vineyards.

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