

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

Stam[®] Herbicide

ACTIVE CONSTITUENT: 480 g/L PROPANIL
SOLVENTS: 360 g/L ISOPHORONE
120 g/L METHYL ISOBUTYL KETONE

GROUP	C	HERBICIDE
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**For post-emergence control of Barnyard Grass in Rice as specified in the
Directions for Use**

Contents (10 L, 20 L)

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APVMA Approval No. 58977/10L/

(58977/20L/)

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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 Stam application unless such treatments 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	Rate	Critical Comments
Rice (post-emergence) up to the 4 leaf stage only	Barnyard grass	7.5 – 8.5 L/ha	Apply Stam when barnyard grass is mainly at the 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 weakened by soil salts, over-watering or other causes.
		12.5 L/ha	Use at this rate if the barnyard grass is at the 4 to 5 leaf stage, but only 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



RESISTANT WEEDS WARNING

Stam Herbicide is a member of the Acetamide group of herbicides. Stam Herbicide has the inhibition of photosynthesis at photosystem II mode of action. For weed resistance management Stam is a Group C herbicide. Some naturally-occurring weed biotypes resistant to Stam Herbicide and other Group C 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 Stam or other Group C herbicides. Since occurrence of resistant weeds is difficult to detect prior to use, United Phosphorus Ltd accepts no liability for any losses that may result from the failure of Stam Herbicide to control resistant weeds.

MIXING

Stam Herbicide 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 temperature is 25-26°C).

APPLICATION

Stam may be applied by aircraft, boom or knapsack. Apply with correctly calibrated equipment and ensure **thorough and even coverage**.

- Do NOT apply Stam when wind velocities are high enough to cause poor plant coverage or spray drift onto nearby susceptible crops. A slight cross wind during spraying is desirable to equalise 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 250 µm VMD) is required for optimum control. Stam can be applied by 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 Stam in 55 to 110 L total spray volume/ha.
- **Tractor-Mounted Boom Sprayers:** Standard low pressure herbicide sprayers, equipped with flat fan nozzles, are satisfactory. Apply Stam in 110 to 275 L water/ha.

WATER MANAGEMENT

Using Stam Alone: Rice may be aerial or combine sown. After seeding and prior to treating, temporarily flood the field to prevent drying and crusting. Drain fields thoroughly before application. Apply Stam 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 Stam. Do NOT apply other pesticides or liquid fertilizers either before or after Stam 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 Stam.

PROTECTION OF WILDLIFE, FISH, CRUSTACEA AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with this product or used container.

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. Stam 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, seeding legumes, shrubs, soybeans, vegetables and vineyards.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated place. 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, puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burnt.

Recycled containers:

This container can be recycled if it is clean, dry, free of visible residues and has the **drumMUSTER** logo visible. Triple or pressure rinse container for disposal. Dispose of rinsate by adding to the spray tank. Do not dispose of undiluted chemicals on site. Wash outside of the container and the cap. Store the cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any **drumMUSTER** collection or similar container management site. The cap should not be replaced but may be taken separately.

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.

MATERIAL SAFETY DATA SHEET

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

CONDITIONS OF SALE: United Phosphorus Ltd accepts responsibility for the consistent quality of the product; however since the use and application of the product is beyond control, the company accepts no responsibility whatsoever for any loss, damage or other result following the use of the product whether used in accordance with directions or not; other than those mandatorily imposed by statutes, the liability is limited to the replacement of the goods and is conditional upon a claim made in writing and, where necessary, a sufficient part of the goods being returned for proper examination by the company within thirty days of sale.

**UN: 1993 FLAMMABLE LIQUID (CONTAINS KETONES) N.O.S. PKG III HAZCHEM
2Y[E]**

(Flammable Liquid – Class 3 diamond)

IN A TRANSPORT EMERGENCY DIAL 000 FOR POLICE OR FIRE BRIGADE

Drummuster logo