

# CAUTION

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



# Stam\*

## Herbicide

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

**GROUP C HERBICIDE**

For post-emergence control of Barnyard Grass in Rice as specified in the Directions for Use.

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**CUSTOMER SERVICE TOLL FREE 1-800 700 096**

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APVMA Approval No: 58977/0704

## 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 this rate if the barnyard grass is at 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

### GROUP C HERBICIDE

#### RESISTANT WEEDS WARNING

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

Some naturally-occurring weed biotypes resistant to Stam, 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 Stam or other Group C herbicides. Since occurrence of resistant weeds is difficult to detect prior to use, Dow AgroSciences Limited accepts no liability for any losses that may result from the failure of Stam 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 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 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: 13 11 26).
- 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 on the Material Safety Data Sheet for Stam Herbicide which is available from Dow AgroSciences on request. Call Customer Service Toll Free on 1-800 700 096.

### NOTICE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under off-label permits not endorsed by Dow AgroSciences, or under abnormal conditions.

Made in USA

IN A TRANSPORT  
EMERGENCY ONLY  
**DIAL 000**  
FOR POLICE OR  
FIRE BRIGADE

**EMERGENCY RESPONSE  
(ALL HOURS)**  
RING FROM ANYWHERE  
IN AUSTRALIA  
**1-800 033 882**  
(LOCAL CALL FEE ONLY)



**UN No. 1993  
FLAMMABLE LIQUID, N.O.S.  
(CONTAINS KETONES)  
PKG III HAZCHEM 2[Y]E**

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