

GENERAL INFORMATION

WEEDS CONTROLLED

- | | | |
|---|---|---|
| Barnyardgrass (Watergrass)
Echinochloa crusgalli or
Echinochloa colonum | Foxtail
Setaria spp | Pigweed
Amaranthus retroflexus |
| Alligator Weed
Alternanthera
phloxeroides | Goosegrass
Eleusine indica | Redweed (Teaweed)
Melochia corchorifolia |
| Brachiaria
Brachiaria spp | Gulf Cockspur
Echinochloa crus pavonis | Sour Dock
Rumex crispus |
| Crabgrass
Digitaria sanguinalis | Hooralygrass
Embryostyles mahaccae | Spearhead
Rhynchospora corniculata |
| Croton
Croton capitatus | Mexican Weed
Caperonia palustris | Tall Indigo or Coffee Bean
Sesbania exaltata |
| Curly Indigo
Aeschynomene virginica | Paragrass
Panicum papirascens | Texas Millet
Panicum texanum |
| | | Wetgrass
Eleocharis spp |

WEEDS NOT CONTROLLED

- | | | |
|----------------------------------|-----------------------------------|-------------------------------|
| Arrowhead
Sagittaria spp | Duckweed
Helianthera spp | Watergrass
Cyperus spp |
| Bermudagrass
Cynodon dactylon | Johnsongrass
Sorghum halepense | Red Rice
Oryza sativa |
| Cattail
Typha latifolia | | Sprangletop
Leptochloa spp |

Stam M-4 is a postemergence herbicide for the control of many grasses and broadleaf weeds in rice fields only. It may be applied by either ground or aerial spray equipment after dilution and thorough agitation with water. Stam M-4 is not a hormone type herbicide but kills susceptible plants by direct contact action. For this reason, thorough spray coverage of weeds to be killed is necessary for best results.

Stam M-4 should be applied when weeds and grasses are small. (See Directions for Use.) Use only on fields which have been drained of flood water.

Rice fields to be treated should be inspected frequently before the application of Stam M-4 to insure that barnyard or watergrass is at the proper stage of growth (1 to 3 leaf stage with an occasional 4 leaf plant).

ATTENTION: Never apply Stam M-4 except as recommended on this label because use in any other way may result in damage or injury to persons, animals, or crops, or other unintended consequences.

DO NOT APPLY STAM M-4 WITHIN FOURTEEN DAYS before other herbicide applications because serious damage to rice may occur.

Do not apply to any crops other than rice.

Before applying Stam M-4 make sure the spray equipment is properly calibrated to apply over or under treatment.

Do not apply Stam M-4 under wind conditions which will cause drift to adjacent susceptible crops such as beans, soybeans, cotton, alfalfa, sorghum, corn, sugarcane, and other sensitive crops. Wind velocity greater than 10 mph should be avoided. If application must be streaked and use less than recommended herbicide rate.

Keep this container closed when not in use. Do not use for other purposes as the contents cannot be entirely recycled.

DIRECTIONS FOR USE—RICE ONLY

Do not use until you have a copy read the entire label.

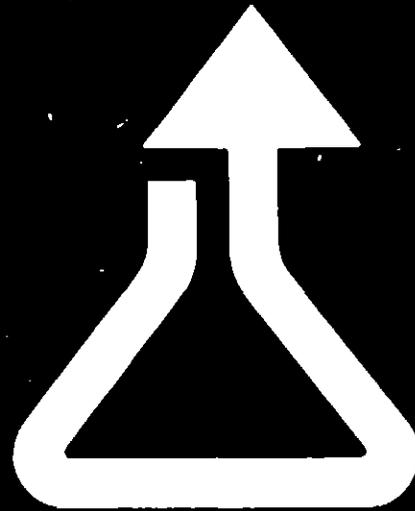
Rice fields should be well prepared and free of rice plants other than the susceptible grasses and weeds, and to insure uniform flood levels. Make sure rice fields are flooded prior to treatment to produce uniform grass emergence. If fields are flooded prior to treat-

STAM M-4

ACCEPTED

FEB 23-1973

767-109



**ROHM
AND
HAAS**

4 LB. E.C.

FOR POST-EMERGENCE CONTROL OF
BARNYARDGRASS AND OTHER WEEDS IN RICE.

WARNING KEEP OUT OF REACH OF CHILDREN

KEEP OUT OF REACH OF CHILDREN. This product contains a chemical which is known to be a carcinogen. Avoid contact with skin, eyes, nose, mouth, and clothing. Do not breathe vapors or dusts. Do not get in eyes, on clothing, or on food. Wash thoroughly with plenty of water if contact occurs. Do not eat, drink, or smoke while using this product.

If you get this product on your skin, wash it off immediately with plenty of water. If you get it in your eyes, wash them out immediately with plenty of water. If you get it on your clothing, wash it off immediately with plenty of water.

ACTIVE INGREDIENT

4-(2,4-Dichlorophenoxy)phenol 4.00%

INERT INGREDIENTS

96.00%
Total 100.00%

EPA Reg. No. 702-109-AA

NET CONTENTS

30 GAL.

If the rice is too small to maintain a flood on the field, treatment should be delayed until the rice is large enough. The grass may then be large enough to require 4-6 quarts of Stam M-4.

Avoid treatment if rain threatens within 6-8 hours or if high winds may cause uneven application or drift.

In case of unseasonably cool weather, higher rates (4-6 quarts/acre) of Stam M-4 may be necessary.

The number of leaves of barnyard or watergrass determines the time and amount of Stam M-4 to spray, regardless of the size of the rice. **THE GROWER SHOULD INSPECT FIELDS FREQUENTLY TO DETERMINE PROPER TIME OF APPLICATION.** The ideal application time is when most barnyardgrass has one to three leaves, with only an occasional plant having four leaves. During drought conditions grasses may reach the three leaf stage while still quite short or stunted, so special attention to stage of growth is necessary in these situations to avoid grasses becoming too mature for best results.

Apply 3 quarts of Stam M-4 per acre when most grass has reached the one to three leaf stage. Use 4 to 6 quarts of Stam M-4 per acre if grasses are large, with most in the four to six leaf stage. Mix Stam M-4 thoroughly with water for spraying, using vigorous mechanical agitation. For **AERIAL APPLICATION** dilute the proper amount of Stam M-4 with 10 to 12 gallons of water per acre. For **GROUND EQUIPMENT** dilute the proper amount of Stam M-4 with 15 to 25 gallons of water per acre. Lesser amounts of water often give inadequate coverage and may cause poor results.

If fields cannot be completely drained so that all of the grass is exposed, a higher dosage of Stam M-4 (4-6 quarts/acre) must be used.

NOTE: When Stam M-4 is applied, especially after the fourth leaf stage of growth of the rice, under some conditions, visible leaf injury on rice may result. However, the rice plants quickly outgrow such injury when caused by the later applications.

USE IN CALIFORNIA ONLY—Where rice fields are not completely drained.

NOTE: Before using, read entire label.

To control watergrass, apply Stam M-4 30 to 45 days after planting, before rice is fully tillered, when watergrass extends 6 to 8 inches above water surface. If rice has a deep flood, water level may be lowered to 3-4 inches over highest part of field to expose 6-8 inches of watergrass. (When lowering water level, do so slowly to avoid pulling down rice plants.) Use 4 quarts per acre if most grass has developed 3-5 leaves, use 5 quarts if most grass has 5-6 leaves, and use 6 quarts per acre if most grass has 7 or more leaves. Apply in no less than 10-12 gallons of water, using a medium-fine spray.

If higher water level is desired after treating, re-flooding may be started 12 hours after treatment.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage or handling of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. These risks include, but are not limited to damage to plants, crops and animals to which the material is applied, failure to control pests, damage caused by drift to other plants or crops, and personal injury.