

GENERAL INFORMATION

WEEDS CONTROLLED

Barnyardgrass (Watergrass)
Echinochloa crusgalli or
Echinochloa colonum

Alligator Weed
Alternanthera
philoxeroides

Brachiaria
Brachiaria spp.

Crabgrass
Digitaria sanguinalis

Croton
Croton capitatus

Curly Indigo
Aeschynomene virginica

Foxtail
Setaria spp

Goosegrass
Eleusine indica

Gulf Cockspur
Echinochloa crus pavonis

Hoorahgrass
Fimbristylis miliaceae

Mexican Weed
Cyperonia palustris

Paragrass
Panicum pupurascens

Pigweed
Amaranthus retroflexus

Redweed (Teaweed)
Melochia corchorifolia

Sour Dock
Rumex crispus

Spearhead
Rhynchospora corniculata

Tall Indigo or Coffee Bean
Sesbania exaltata

Texas Millet
Panicum texanum

Wiregrass
Eleocharis spp

WEEDS NOT CONTROLLED

Arrowhead
Sagittaria spp

Bermudagrass
Cynodon dactylon

Cattail
Typha latifolia

Ducksalad
Heteranthera spp

Johnsongrass
Sorghum halepense

Nutgrass
Cyperus spp

Red Rice
Oryza sativa

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 or after insecticide 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 avoid over or under treatment.

Do not apply Stam M 4 under wind conditions which will allow drift to adjacent susceptible crops such as beans, soybeans, cotton, safflower, cucurbits, vegetables, orchards and other sensitive crops. Wind velocity greater than 5 miles per hour will often cause applications to be streaked and give less than maximum herbicidal control.

Keep the container closed when not in use. Do not reuse for other purposes as its toxic contents cannot be entirely removed.

DIRECTIONS FOR USE—RICE ONLY

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

Rice fields should be well prepared and free of large clods to obtain uniform germination of grasses and weeds, and to insure uniform flood levels. If necessary, fields may be flushed prior to treatment to produce uniform grass germination. If fields are flushed prior to treat-

STAM[®] M-4

4 LB. E.C.

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

WARNING

KEEP OUT OF REACH OF CHILDREN

HARMFUL IF SWALLOWED or absorbed through skin. Causes severe eye irritation. May cause skin irritation. Avoid contact with eyes, skin or clothing. Avoid prolonged breathing of vapor or mist. In case of contact, flush skin or eyes with plenty of water for at least 15 minutes, for eyes, get medical attention.

This product is toxic to fish. Keep out of lakes, streams and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

IMPORTANT DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME. PROTECT FROM FREEZING.

ACTIVE INGREDIENT

3',4'-dichloropropionamide 43.5%

INERT INGREDIENTS 56.5%

Total 100.0%

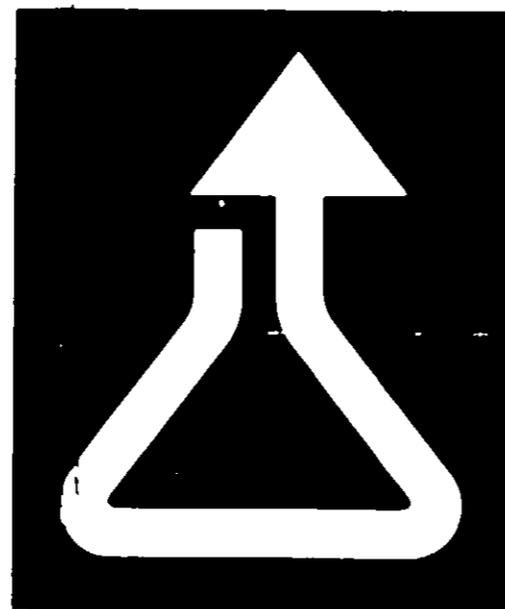
Equal to 4 lbs. of the active ingredient per gallon.

U.S. Patent 3,816,092

EPA Reg. No. 707-109 AA

EPA Est. No. 707-PA 1

NET CONTENTS



ROHM AND HAAS

Stam M 4 acts only on grasses and weeds which have already germinated. (Maximum action usually is not apparent until 3 to 5 days after application.) To prevent more weeds from germinating after treatment, fields should be flooded within 24 hours after spraying, or as soon as possible after 24 hours. Flooding after spraying will improve the grass control after Stam M 4 treatment.

In cases where flooding of the field would not be complete within seven days or less after application of Stam M 4, it is best to treat a portion of the field, flood that treated portion, and then treat the remainder. This will help to prevent reinfestation of weeds and grasses. Higher rates (4.6 quarts) may be necessary on the remainder since the grass will be more mature.

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.

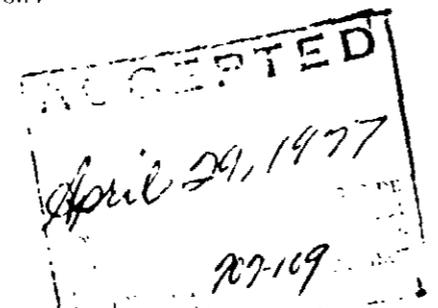
In case of unseasonably cool weather, higher rates (4.6 quarts/acre) of Stam M 4 may be necessary.

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.



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.