



POST-EMERGENT
 STAGE AND LEAF-FEEDER

Active Ingredient
 2,4-Dichlorophenoxyisopropyl alcohol.....

Inert Ingredient

Equivalent to % of the active ingredient per gallon

avoid creating dust. Do not get in eyes or on skin.
 In case of contact, flush skin and eyes with water for
 15 minutes. For eyes get medical attention. Do not use
 internally. Do not store near food or food-stuffs.
 Wash hands with this material. Do not use in
 presence of children or domestic animals.

CONTAINS NO HAZARDOUS MATERIALS
 IF USED AS DIRECTED. IF USED AS DIRECTED,
 IT WILL NOT HARM THE ENVIRONMENT.

REGISTERED TRADE NAME

CONTENTS:

POUNDS

DIRECTION FOR USE: CHEM RICE is a selective post-emergence herbicide for control of barnyard grass and certain other weeds in rice. CHEM RICE contains lbs. active ingredient per pound. To avoid injury to rice do not mix with insecticides or fertilizer or apply them separately either before or after CHEM RICE treatment, unless such treatments are recommended by local authorities following thorough testing.

TIMING AND DOSAGE: Use CHEM RICE-G at 30 to 60 pounds (3 to 6 lbs. active) **per acre according to the stage and condition of growth of grass.** Grasses and weeds should be succulent and growing actively when treated. Optimum temperatures are from 65 degrees to 90 degrees F. Do not use when day-time temperatures below 50 degrees or above 100 degrees F are expected. Higher dosages are required for stunted, deep rooted grasses growing in very dry surface soil, and for large-tillering grass. Usually one application is sufficient. If retreatment is necessary apply as soon as need is evident.

Use 30 lbs. CHEM RICE-G (3 lbs. active) per acre for actively growing grass in 1 to early 4 leaf stage with shallow roots.

Use 40-45 pounds CHEM RICE-G (4 to 4.5 lbs. active) per acre for actively growing grass in 4 to 5 leaf and early tillering stage, or for stunted 1 to 4 leaf grass with deeper roots growing in dry soil.

Use 50 to 60 pounds CHEM RICE-G (5 to 6 lbs. active) per acre for tillering grass, 3 to 12 inches tall, only in emergency conditions. Only partial control may be expected.

TO AVOID RESIDUES AT HARVEST, DO NOT APPLY AFTER FULL TILLERING OF RICE OR WITHIN 56 DAYS BEFORE HARVEST. DO NOT EXCEED A TOTAL OF 8 POUNDS ACTIVE PER ACRE PER SEASON.

METHOD OF SEEDING: CHEM RICE-G may be used on dry planted (drilled or broadcast) or on muddy or clear water planted rice. For best results, field should be uniformly level and have well prepared seedbeds free of large clods to encourage uniform and rapid emergence of rice, grass and weeds. Adequate inlets, drains and cross-levees should be provided to permit quick draining, flushing or flooding before and after treatment to meet the optimum water requirements for the rice crop and for optimum use of CHEM RICE-G in grass control.

WATER MANAGEMENT BEFORE TREATMENT:

Dry Planting: Plant in a moist seedbed, or flush to germinate the rice.

Muddy Water Planting: The planting flood is usually drained 1 to 3 days after seeding.

Clear Water Planting: Planting flood may be deep or shallow but is lowered as soon as the rice is "pegged." Maintain a shallow flood or intermittent flushing until the rice is well rooted. Avoid deep flooding from time of pegging until treatment; this encourages tall, spindly rice which may lodge in the mud after draining.

IN ALL METHODS OF PLANTING, FLUSH THE FIELDS AS OFTEN AS NEEDED TO PREVENT DRYING AND SOIL CRUSTING AND TO AID THE EMERGENCE OF RICE AND GRASS. DURING PERIODS OF HIGH TEMPERATURE, DRYING WINDS AND LOW RAINFALL, IT IS ESPECIALLY IMPORTANT TO FLUSH OFTEN ENOUGH TO KEEP THE GRASS GROWING ACTIVELY AND THIS MORE SUSCEPTIBLE TO THE OPTIMUM DOSAGE OF CHEM RICE-G. ALL OR MOST OF THE WATER SHOULD BE OFF THE FIELD AT THE TIME OF APPLICATION TO ALLOW FULL COVERAGE OF THE GRASSES AND WEEDS.

AT THE TIME OF APPLICATION TO ALLOW FULL COVERAGE OF THE GRASSES AND WEEDS. Treat grassy and weedy fields with CHEM RICE-G when a satisfactory stand of rice that will tolerate flooding is established. Follow the recommendations according to the stage and condition of the growth of the grass as shown above under Timing and Dosage.

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WATER MANAGEMENT AFTER TREATMENT: FLOODED FIELDS SHOULD REMAIN FLOODED BEFORE A SECOND INFESTATION OF GRASS HAS A CHANCE TO DEVELOP BEYOND THE ONE LEAF STAGE.

Start flooding in 12 to 24 hours in warm, sunny weather if treatment has been made on actively growing grass in moist soil. During cool, cloudy weather or if treatment is made on slow growing grass in dry soil, delay flooding until 2 to 5 days afterwards to allow maximum time for kill. Do not flush CHEM RICE-G after treatment, but cover the grass immediately and completely and maintain the flood at least 2 inches deep on the highest parts of the field even though the rice is submerged temporarily. As the rice grows above the water, deepen the flood accordingly. In general rice can be grown with shallower flooding after CHEM RICE-G treatment than when water flooding alone is used for grass control.

FERTILIZER: Fields to be treated with CHEM RICE -G may be fertilised before or at planting time. Place nitrogenous fertilizer 2 to 4 inches deep to minimize loss during periods when the fields are drained.

Fertilizer may also be applied immediately following CHEM RICE-G treatment and before flooding. Apply nitrogen top dressing at any appropriate time. Do not use CHEM RICE-G with liquid fertilizer in combination application.

APPLICATION EQUIPMENT: Apply CHEM RICE-G with aircraft or ground applications applicators. Flush with clear water after each day's use. Clean all equipment used for CHEM RICE -G with a detergent rinse, followed by a clear water rinse, before and after application other materials or other crops such as cotton, soybeans, vegetables, fruits, etc. Applicators and applicators should avoid contact with dust from CHEM RICE-G or any pesticides and should wear protective clothing and goggles. Wash thoroughly after exposure.

AIRCRAFT: Fixed wing or helicopter or cultural aircraft equipped with well designed spray distribution systems that produce a uniform medium-fine droplet pattern may be used for CHEM RICE-G. Gravity flow fertilizer sprayers or venturi type spreader-seeders should not be used.