

ACCEPTED

MAR 9 1967

U.S. FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTRATION
NO. 1312-20 SUBJECT
TO ATTACHED COMMENTS.

MONTROSE
PROPANIL 3EC

1312-20

DIRECTIONS FOR USE

POST EMERGENCE HERBICIDE FOR GRASSES AND WEEDS IN RICE

3 LB. EMULSION CONCENTRATE

Caution: Keep out of reach of children. Avoid Breathing spray mist. Do not get in eyes or on skin. In case of contact, flush skin and eyes with plenty of water and get medical attention for eyes. Harmful if swallowed. Do not store near feed or foodstuffs. *This product is toxic to* ~~To protect~~ fish and wild life, do not contaminate streams, lakes, or ponds with this material. Do not store at temperatures below 15°F.

ACTIVE INGREDIENT	
3',4'-Dichloropropionanilide*	35%
INERT INGREDIENT	65%

TOTAL 100%

Equal to 3 lbs. of the active ingredient per gallon
USDA Registration No.
NET CONTENTS 30 GALS.

MONTROSE PROPANIL 3EC is for use as a post-emergence herbicide for the selective control of certain weeds and grasses in rice cultivation. Among those weeds that can be controlled are barnyardgrass (millet, bluestem, water-grass) and brachiaria and coffeebean. MONTROSE PROPANIL 3EC must be mixed only with water and applied as a spray. Do not use oil. The use of liquid fertilizer and certain insecticides at the same time as MONTROSE PROPANIL 3EC may cause injury to the rice. (READ COMPATABILITY WITH **INSECTICIDES**). **For best control, MONTROSE PROPANIL 3EC** should be applied after all grass weeds have emerged and are rapidly growing and succulent. The directions below should be read carefully and completely before use.

WHEN TO APPLY AND DOSAGE - The rice field should be able to stand flooding, but water should not be left standing in the fields at the time of treatment.

For the control of barnyardgrass in the 1 to 3 leaf stage and when other weeds such as brachiaria, coffeebean and early indigo are less than six inches, the rise of 1 GAL. to 1-1/3 GAL. of MONTROSE PROPANIL 3EC (3 lbs. to 4 lbs. active ingredient) per acre are recommended. Depending on weather conditions and temperature this will occur between 15 and 25 days after the rice has been planted.

For the control of barnyardgrass in the 4 or 5 leaf stage or in the early tillering stage, the use of 1-1/3 GAL. to 1-2/3 GAL. of MONTROSE PROPANIL 3EC (4 lbs. to 5 lbs. active ingredient) per acre is recommended. Again, depending on temperature and other weather conditions this will occur between 20 and 30 days after the rice has been planted.

Manufactured by:

MONTROSE CHEMICAL DIVISION
BALDWIN-MONTROSE CHEMICAL COMPANY, INC.
100 LISTER AVENUE
NEWARK, N. J.

RESIDUES AT HARVEST - IN ORDER TO AVOID RESIDUES AT HARVEST, MONTROSE PROPANIL 3EC SHOULD NOT BE APPLIED AFTER THE RICE IS AT THE MID-TILLERING STAGE. TYPICAL VARIETIES AND AVERAGE DAYS TO MID-TILLERING STAGE ARE LISTED BELOW:

Rice Season	Typical Variety	Days to Mid Tillering Stage	Maximum Recommended Use of Herbicide
Very Short Season	Vegold, Belle Patna	28	5 lb. active ingredient/acre
Short-Season	Nova, Northrose, Nato	35	5 lb. active ingredient/acre
Mid-Season	Bluebonnet 50	42	6 lb. active ingredient/acre

TEMPERATURE - MONTROSE PROPANIL 3EC achieves best response when temperatures are moderate, or when daily maximum temperatures range from 70° to 90°F. If daily minimum temperatures are below 50°F for a few days before treatment herbicidal activity is reduced. When daily maximum temperatures go above 95°F for several days before or after treatment herbicidal activity may be reduced.

Because excessive evaporation loss in the air can occur during very low humidity conditions, it is best to spray MONTROSE PROPANIL 3EC when humidity is moderate or high.

RECOMMENDED CULTURAL PRACTICES AND EFFECT OF WEATHER CONDITIONS

FIELD PREPARATION - The land should be leveled and have levees constructed broad enough to prevent excess seepage and high enough to hold six inches of water.

WATER MANAGEMENT - Before treatment, the rice field should be thoroughly drained. If rice field is crusty or dry, the field should be flushed before treatment, in order to promote emergence of rice as well as weeds and grasses. Actively growing weeds and grasses are more susceptible to MONTROSE PROPANIL 3EC and require less herbicide. Very dry fields and slow growth of grasses require more herbicide.

AFTER TREATMENT - The field should be flooded within 2 to 4 days to prevent grass from reinfesting the field. If weather after treatment is cool or cloudy but dry, delay flooding 1 or 2 additional days. Cover only to top of grass with water.