

Copy of letter sent  
to Lois Rossi, Dec 6 1989

J.P. Pinner  
Director, Regulatory  
Agrolinz, Inc.  
1755 N. Kirby Pkwy., Suite 300  
Knoxville, TN 37919-4392

Dear Mr. Pinner:

Subject: Propenilo 3  
Registration No. 42545-46  
Labeling  
Date of Review: 12/13/89

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable with the below mentioned comment. Please submit five (5) copies of your final printed labeling incorporating the changes before you release the products for shipment. A stamped copy of the reviewed draft labeling is enclosed for your records.

Please add the letter "n" to amend your spelling of the active ingredient "1,1,1-trichloropropenilo".

Sincerely yours,

*Robert J. Taylor*  
Robert J. Taylor  
Product Manager (25)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

CONCURRENCES							
SYMBOL	H7505C						
SURNAM	MOMM						
DATE	12/3/89						
EPA Form 1320-1 (12-78)							

OFFICIAL FILE COPY

(Begin Front Panel)

**PROPANILO 3**

Active Ingredient:  
3',4'-dichloroproionanilide ..... 35%

Inert Ingredients: ..... 65%

(Contains 3 lbs Propanil per gallon)

**PRECAUCION AL USUARIO:** Si Usted No Lee Ingles, No Use Este  
Producto Hasta Que La Etiqueta Le Haya Sido Explicada  
Ampliamente.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION - CAUCION**

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES:** Flush eyes with plenty of clean water for at least  
15 minutes. GET MEDICAL ATTENTION.

**IF SWALLOWED:** Do not induce vomiting. Product contains petroleum  
distillates. GET MEDICAL ATTENTION. Never give  
anything by mouth to an unconcious person.

**IF ON SKIN:** Wash thoroughly with soap and water. Get medical  
attention if rash or persistant irritation  
develops. Do not reuse contaminated shoes or  
clothing before cleaning.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 42545-46

EPA Est. No. 42545-MO-1

**NET CONTENTS: ONE GALLON/3.8 LITERS**

**Manufactured By**

**AGROLINZ, INC.**  
1755 N. KIRBY PARKWAY  
MEMPHIS, TN 38119  
(901) 756-4422

(End Front Panel)

ACCIDENT  
AND  
EMERGENCY  
SERVICES  
1-800-424-9293

Before buying or using this product, read "Warranty Limitations and Disclaimer" elsewhere on this label. If terms are not acceptable, return unopened package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Warranty Limitations and Disclaimer.

AGRICULTURAL CHEMICAL

DO NOT SHIP OR STORE WITH FOODS, DEEDS, DRUGS, OR CLOTHING

FOR CHEMICAL SPILL, LEAK, FIRE, EXPOSURE OR OTHER EMERGENCY  
INVOLVING THIS PRODUCT CALL CHEMTREC TOLL FREE  
1-800-424-9300

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin, eyes, and clothing. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters.

Water drained from treated rice fields must not be used to irrigate other crops or released within 1/2 mile upstream of a potable water intake in flowing water (i.e., river, stream, etc.) or within 1/2 mile of a potable water intake in a standing body of water such as a lake, pond or reservoir.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

# DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

## RE-ENTRY STATEMENT:

Do not enter treated areas without protective clothing until sprays have dried. Protective clothing should include: hat or other suitable head covering, long sleeved shirt and long legged trousers, or a coverall type garment, shoes and socks.

Do not drain water from treated fields into areas where catfish farming is practiced.

Do not apply to fields where commercial crayfish farming is practiced and do not drain water from treated fields into areas where crayfish farming is practiced.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

## STORAGE AND DISPOSAL

**Storage:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides, or fungicides. Do not store near heat or open flame. Reclose all partially used containers by thoroughly tightening screw cap. Absorb any spill with a suitable clay absorbant and dispose of as indicated under "Pesticide Disposal".

For safety and prevention of unauthorized use, all pesticides should be stored in locked facilities.

To prevent accidental misuse, different pesticides should be stored in separate areas with enough distance between to provide clear identification.

Opened, partially used pesticides should be stored in original labeled containers when possible. When transfer to another container is necessary because of leakage or damage, carefully mark, and identify contents of the new container.

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of

by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal: Metal Containers:** Triple rinse (or equivalent), adding rinsate to spray tank. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. **Plastic Containers:** Triple rinse (or equivalent), adding rinsate to spray tank. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### GENERAL INFORMATION

Propanilo-3 is a selective post-emergence herbicide for control of barnyard grass and certain other weeds in rice. The product contains 3 lbs. of propanil per gallon and is mixed with water for spraying.

When applied properly Propanilo-3 will kill or control the following weeds and grasses in addition to others susceptible to propanil:

#### WEEDS CONTROLLED:

Alligator Weed <i>Alternanthera philoxeroides</i>	Barnyardgrass (Watergrass) <i>Echinochloa crusgalli</i> or <i>Echinochloa colonum</i>
Brachiaria <i>Brachiaria</i> spp.	Crabgrass <i>Digitaria sanguinalis</i>
Croton <i>Croton capitatus</i>	Curly Indigo <i>Aeschynomene virginica</i>
Foxtail <i>Setaria</i> spp.	Goosegrass <i>Eleusine indica</i>
Gulf Cockspur <i>Echinochloa crus-pavonis</i>	Hoorahgrass <i>Fimbristylis miliacea</i>
Mexican Weed <i>Cyperus palustris</i>	Paragrass <i>Panicum purpurascens</i>
Pigweed <i>Amaranthus retroflexus</i>	Redweed (Teaweed) <i>Melochia corchorifolia</i>
Curly Dock	Spearhead

Rumex crispus	Rhynchospora corniculata
Tall Indigo or Coffee Bean	Texas millet
Sesbania exaltata	Panicum texanum
Wiregrass	
Eleocharis spp.	

Propanilo-3 will not control the following weeds and grasses:

**WEEDS NOT CONTROLLED:**

Arrowhead	Bermudagrass
Sagittaria spp.	Cynodon dactylon
Cattail	Ducksalad
Typha latifolia	Heteranthera spp.
Johnsongrass	Nutgrass
Sorghum halepense	Cyperus spp.
Red Rice	Sprangletop
Oryza sativa	Leptochloa spp.

To avoid injury to rice, do not mix with insecticides or liquid fertilizer or apply them separately either before or after Propanilo-e treatment, unless such treatments are recommended by State Agricultural Experiment Station or Extension Service Weed Specialists following thorough testing. Do not apply this product through any type of irrigation system.

**TIMING AND DOSAGE:** Use at 1 to 2 gallons (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° to 90°F. Do not use when daytime temperatures below 50° or above 100°F. are expected. The higher dosage is 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 1 gallon Propanilo-3 (3 lbs. active) per acre for actively growing grass in 1 to early 4-leaf stage with shallow roots.

Use 1-1/3 to 1-1/2 gallons Propanilo-3 (4 to 4-1/2 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 1-2/3 to 2 gallons Propanilo-3 (5 to 6 lbs. active) per acre for tillering grass, 8 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 LBS. ACTIVE PER ACRE PER SEASON.

**METHOD OF SEEDING:** Propanilo-3 may be used on dry planted (drilled or broadcast) or on muddy or clear water planted rice. For best results, fields 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 Propanilo-3 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 THUS MORE SUSCEPTIBLE TO THE OPTIMUM DOSAGE OF PROPANIL-3. ALL OR MOST OF THE WATER SHOULD BE OFF THE FIELD AT THE TIME OF SPRAYING TO ALLOW FULL COVERAGE OF THE GRASSES AND WEEDS.

Treat grassy and weedy fields with Propanilo-3 when a satisfactory stand of rice that tolerates 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.

**WATER MANAGEMENT AFTER TREATMENT:** TREATED FIELDS SHOULD ALWAYS BE 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. Cover the grass 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 Propanilo-3 treatment than when water flooding alone is used for grass control.

**FERTILIZER:** Fields to be treated with Propanilo-3 may be fertilized 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 just before flooding. Apply nitrogen at any appropriate time. Do not use Propanilo-3 and fertilizer in combination application.

**APPLICATION EQUIPMENT:** Apply Propanilo-3 with aircraft or ground sprayers. Carefully calibrate and adjust equipment to give medium-fine droplets, in a uniform pattern that provides complete coverage. Flush sprayers with clear water after each day's use. Clean all equipment used for Propanilo-3 with a detergent rinse, followed by a clear water rinse, before and after spraying other materials or other crops such as cotton, soybeans, vegetables, fruits, etc. Applicators and flagmen should avoid contact with spray mist from Propanilo-3. Wash thoroughly after exposure.

**AIRCRAFT:** Fixed wing or helicopter agricultural aircraft equipped with well designed spray distribution systems that produce a uniform medium-fine droplet spray may be used for Propanilo-3. Gravity flow fertilizer sprayers or venturi-type spreader-seeders should not be used. Apply Propanilo-3 in no less than 10 gallons total spray per acre with standard boom-nozzle or with "Swathmaster" sprayers. Somewhat higher gallonages are suggested for extra thick or tall grass. Five gallons per acre appear satisfactory with "Micronair Rotary Atomizer" sprayers. Swath width is governed by the design of the aircraft, its spray distribution system and its operation, and should be predetermined for each unit. Generally, the optimum swath width should not exceed the wing span of the aircraft, and is frequently less. Swaths must be measured accurately for flagging. Excessively wide or narrow swaths result in streaking and uneven distribution.

**GROUND SPRAYERS:** Standard low pressure herbicide sprayers equipped with flat fan or boom-jet nozzles are satisfactory. Use nozzles which deliver a medium-fine droplet in 15 to 40 gallons total spray per acre at 40 to 50 psi and at ground speeds not in excess of 3 to 4 m.p.h. Because of the contour levees in most rice fields, special care is needed to avoid skips and double



spraying, and to avoid raising the boom too high so the spray fails to reach the weeds uniformly.

**OPERATION CONDITIONS:** Do not apply with aircraft when winds exceed 4 to 5 m.p.h. or with ground equipment with winds over 6 to 8 m.p.h. A cross-wind during spraying is desirable to equalize distribution. Fields may be treated when grass is either dry or wet with dew. Do not spray if rain threatens in 6 hours.

**DRIFT HAZARD TO OTHER CROPS:** Propanilo-3 injures most crops except cereal grains and perennial grasses. Avoid drift or accidental application from turning aircraft on cotton, soybeans, corn, safflower, seeding legumes, vegetables, orchards, vineyards, gardens, shrubs, and ornamentals. Do not spray within 1/2 mile of sensitive crops downwind with either air or ground equipment when winds reach maximum recommended velocity for application. Do not spray within 50 feet with aircraft, or within 10 feet with ground equipment of sensitive crops on the upwind side. Once Propanilo-3 is applied, it will not release fumes hazardous to nearby crops.

**RICE INJURY:** All leading commercial varieties of rice are exceptionally tolerant of Propanilo-3. A yellowing or leaf burn of rice may be noted after treatment, but new growth is normal. Under some conditions, severe leaf burn and partial killing of rice may occur. Growers are warned to use caution when applying Propanilo-3 during extremely hot weather or to rice that may be in a weakened or sensitive condition from over-watering, soil salts, or other causes.

**EFFECT ON OTHER SPECIES:** Perennial species such as cattail, bulrush, nutgrass, Johnsongrass, knotgrass, longtom, and others which develop from well established roots, rhizomes, culms or nuts may be temporarily injured by Propanilo-3, but usually recover. Several aquatic species may be injured by Propanilo-3, but usually develop in rice fields after the normal time of treatment for barnyardgrass. These include duck salad, Arrowhead lillies, and redstem. Sprangletop and red rice are not controlled with Propanilo-3.

**LIMITATIONS AND TOLERANCES:**

Crop	Limitations	Tolerance
Rice	56 days or before tillering	None*

Recommended use does not result in residues at harvest.

## WARRANTY LIMITATIONS AND DISCLAIMER

Agrolinz, Inc warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the Directions For Use when used under normal conditions. **THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL.** Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.

When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify in writing Agrolinz, Inc of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of Agrolinz, Inc or any other seller will be one of the following, at the election of Agrolinz, Inc:

1. Refund of purchase price paid by buyer or user for product bought or
2. Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations and Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations and Disclaimer in any manner.