

U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460

Number: 42750-

EPA Reg.

Date of Issuance:

128

Term of Issuance:

Conditional

APR 2 4 2006

NOTICE OF PESTICIDE:

<u>x</u> Registration

Reregistration

(under FIFRA, as amended)

Name of Pesticide Product:

Triclopyr 44% TEA RICE

Name and Address of Registrant (include ZIP Code):

Mr. Morris Gaskins Albaugh, Inc.

Ankeny, IA 50021

EPA Form 8570-6

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

- 1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
  - 2. Make the following changes to your labeling:
    - a. Change the registration number to "42750-128"
    - In the "First Aid" section, delete "NOTE TO APPLICATOR: Allergic skin reaction is not expected from exposure to spray mixtures of TRICLOPYR 44% TEA RICE herbicide when used as directed."

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	Signature of Approving Official:	Date: 4-24-06	

c. In the "Environmental Hazards" section, delete the statments "Under certain conditions....a permit is needed" and replace with the following:

Drift or runoff may adversely affect plants. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark except when treating rice fields as specified in this product label.

- d. In the "SPECIAL USE PRECAUTIONS" section, delete "12. Use of this product for manufacturing or formulating is prohibited."
- e. Add a spray drift management and aerial drift reduction advisory section section (see the Triclopyr RED or the label for the cited product).
- f. In the "Water Seeded Rice" section, delete the statements (second and third paragraph) "A non-ionic surfactant....dry products or flowables."
- g. In the warranty section, add "To the extent permitted by law," immediately prior to "The exclusive remedy...", Albaugh, Inc., shall not be liable..." and "In no case shall Albaugh..."
- 3. Submit final labeling for this product within 30 days of the date of this letter
- 4. Submit a study for storage stability (Guideline 830.6317) and corrosion characteristics (Guideline 830.6320) no later than April 10, 2007. The storage stability study must be conducted under warehouse conditions, and it is recommended that observations be made at 0, 3, 6, 9, and 12 month intervals..

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

If you have any questions about this letter, please contact Tobi Colvin-Snyder at 703-305-7801.

Product Manager (25)

Herbicide Branch

Registration Division (7505C)

# TRICLOPYR 44% TEA RICE

Herbicide for selective postemergence broadleaf weed control in rice

Acid Equivalent: Triclopyr - 31.8% - 3 lb/gallon \*

## KEEP OUT OF REACH OF CHILDREN

DANGER

**PELIGRO** 

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

## FIRST AID

IF IN EYES: Hold eyelids open and flush slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO APPLICATOR: Allergic skin reaction is not expected from exposure to spray mixtures of TRICLOPYR 44% TEA RICE herbicide when used as directed.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

EPA Reg. No. 42750-xx

EPA Est. No. xxxxxx-xx-xxx

**NET CONTENTS:** 

Manufactured By: ALBAUGH, INC. ANKENY, IA 50021

ACCEPTED
with COMMENTS
In EPA Letter Dated

APR 2 4 2006

Under the Federal Insecticide, Fundicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

## PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER! Corrosive. Causes Irreversible Eye Damage. Harmful If Swallowed or absorbed through skin. Prolonged or frequently repeated skin contact with herbicide concentrate may cause an allergic skin reaction in some individuals. Do not get in eyes or on skin or clothing.

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- 1. Long-sleeved shirt and long pants
- 2. Shoes plus socks
- 3. Protective eyewear
- 4. Chemical resistant gloves (> 14 mils) such as butyl rubber, natural rubber, neoprene rubber or nitrile rubber.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

## **ENGINEERING CONTROLS**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the WPS (40 CFR 170.240(d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

## USER SAFETY RECOMMENDATIONS

## Users should:

- · Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## **ENVIRONMENTAL HAZARDS**

Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Under certain conditions, treatment of aquatic weeds can result in oxygen depletion or loss due to decomposition of dead plants, which may contribute to fish suffocation. This loss can cause fish suffocation. Therefore, to minimize this hazard, do not treat more than one-third to one-half of the water area in a single operation and wait at least 10 to 14 days between treatments. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Consult with the State agency for fish and game before applying to public water to determine if a permit is needed.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

## PHYSICAL OR CHEMICAL HAZARDS

COMBUSTIBLE. Do not use or store near heat or open flame.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

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## DIRECTIONS FOR USE

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

Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- · Shoes plus socks
- Protective eyewear
- Chemical resistant gloves (> 14 mils) such as butyl rubber, natural rubber, neoprene rubber or nitrile rubber.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE: Store above 28°F or agitate before use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of federal law and may contaminate groundwater. 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): Do not reuse container. Triple rinse (or equivalent). 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.

CONTAINER DISPOSAL (Plastic): Do not reuse container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning, if burned, stay out of smoke.

General: Consult federal, state, or local disposal authorities for approved alternative procedures.

# GENERAL INFORMATION

TRICLOPYR 44% TEA RICE is postemergence systemic herbicide for the control of certain broadleaf weeds In rice (including ration rice). TRICLOPYR 44% TEA RICE controls broadleaf weeds through foliar uptake; therefore, thorough coverage of target weeds is important. DO NOT apply under conditions which would allow spray drift to come in contact with adjacent broadleaf crops as crop injury may occur.

#### SPECIAL USE PRECAUTIONS

- 1. Apply this product to rice only as specified on this label. Do not apply to any other crop or site.
- 2. Do not apply this product to upland (non-flooded) rice.
- Do not apply this product prior to the 2 to 3-leaf stage or after the 1/2" internode elongation stage of rice development (see special timing of application instructions for water seeded rice). Do not apply in the booting or subsequent stages of rice development.
- 4. Direct application to ditches used to transport irrigation water is prohibited.
- 5. Do not apply more than 1 pint (0.375 lb a.e.)/acre in a single application. Do not make more than two applications or apply more than 2 pints (0.75 lb a.e.) per acre during the growing season. Applications made after planting of rice must be at least 20 days apart.
- 6. Do not apply TRICLOPYR 44% TEA RICE directly to, or otherwise permit it to come into contact with, cotton, soybeans, grapes, tobacco, vegetable crops, flowers, ornamental shrubs or trees, or other desirable broadleaf plants, as serious injury may occur. DO NOT permit spray mists containing TRICLOPYR 44% TEA RICE to drift onto desirable broadleaf plants.
- 7. Do not rotate treated land to crops other than rice for 4 months following treatment.
- 8. When using tank mixtures, read and follow the use directions and precautions on each product label.
- 9. Do not apply less than 20 days prior to draining the field, unless the water is contained within a tailwater recovery system, or other system appropriate for preventing discharge from rice. Discharge is permitted 20 days following the last application of TRICLOPYR 44% TEA RICE within the system.
- 10. Application to fields which have been leveled (except water leveling) within 12 months prior to application may result in serious rice injury in areas that have been cut or filled.
- 11. Do not apply where runoff or irrigation water may flow directly onto agricultural land other than rice fields as injury to crops may occur.
- 12. Use of this product for manufacturing or formulating is prohibited.
- 13. Preharvest Interval: Do not apply later than 60 days before harvesting rice.
- 14. Chemigation: Do not apply this product through any type of irrigation system.
- 15. Do not fish or commercially grow fish, shellfish or crustaceans on treated acres during the year of treatment.
- 16. Do not apply TRICLOPYR 44% TEA RICE with 32% liquid nitrogen fertilizer or zinc fertilizer.
- 17. Do not apply TRICLOPYR 44% TEA RICE following application of Whip herbicides, except in California where TRICLOPYR 44% TEA RICE may be applied 14 days after application of Whip.
- 18. Use of this product on rice grown in the state of New York is prohibited.

#### MIXING INSTRUCTIONS

Mixing Order

When preparing spray mixtures, the recommended order of addition to the spray tank is half the water,

drift control agent (if used), additional herbicide (if used), and TRICLOPYR 44% TEA RICE. Then add the remainder of the water. The nonionic surfactant or crop oil! concentrate should be added last unless otherwise specified on the surfactant label. Moderate continuous agitation is also required when TRICLOPYR 44% TEA RICE is tank mixed with emulsifiable concentrate herbicides. When using any tank mixture, read and follow the use directions and precautions on each product label.

### Spray Surfactants

For best broadleaf weed control with TRICLOPYR 44% TEA RICE alone, use of a nonionic surfactant (registered for agricultural use where required) or a crop oil concentrate (COO is recommended. The suggested rate of surfactant addition to the spray mixture is 0.25% to 0.5% by volume (2 to 4 pints per 100 gallons of spray mixture) unless otherwise recommended by the surfactant label. The suggested rate of the COG addition to the spray mixture is 1 % by volume (8 pints per 100 gallons of spray mixture). Read and follow all use directions and precautions on the surfactant or COG label

### APPLICATION PRECAUTIONS

Aerial Application: Broadcast apply TRICLOPYR 44% TEA RICE in a minimum of 5 gallons of spray mixture per acre, except where state regulations specify a higher minimum gallonage. For post-flood applications or when foliage is dense, use a spray volume of 5-10 gallons per acre to ensure uniform coverage. Apply at a height which provides the most effective swath width for the aircraft. Fixed-wing aircraft or helicopters should have a well-designed spray system that produces a uniform spray pattern and minimizes spray drift.

Ground Application: Broadcast apply TRICLOPYR 44% TEA RICE in a minimum of 10 gallons of spray mixture per acre. Flat fan nozzles are recommended. Utilize a well-designed spray system that produces a uniform spray pattern and minimizes spray drift.

# Avoid Spray Drift

Make applications only when there is little or no hazard from spray drift. Small quantities of spray, which may not be visible, may seriously injure susceptible plants. Do not spray when wind is blowing toward susceptible crops or ornamental plants that are near enough to be injured. It is suggested that a continuous smoke column or similar equipment be used at the spray site to detect air movement, lapse conditions, or temperature inversions. If the smoke layers or indicates a potential for hazardous drift, do not spray.

Spray drift may be lessened by:

- 1. Applying a coarse spray.
- 2. Selecting the minimum spray pressure required to provide a uniform spray pattern and adequate plant coverage.
- 3. Using a spray boom no longer than 3/4 the wing or rotor length.
- 4. Directing spray nozzles directly to the rear of the boom when applying with aerial equipment.
- 5. Spraying only when wind velocities are low.
- 6. Adding spray thickening agent (registered for agricultural use where required), to the spray mixture for applications near susceptible crops or ornamental plants. If a spray thickening agent is used, follow the use directions and precautions on the product label.

# APPLICATION DIRECTIONS

## **Application Timing**

TRICLOPYR 44% TEA RICE may be applied as a preplan! burndown treatment prior to planting rice, to newly seeded rice, or ration rice following harvest of the first crop.

Preplant Burndown Application: Apply at least 21 days before planting dry seeded rice and 1.4 days before planting water seeded rice.

Application to Newly Seeded Rice: Apply from the 2 to 3-leaf to 1/2" internode elongation stage of growth. If two applications are made during the 2 to 3-leaf to 1/2" internode elongation stage of growth, they must be at least 20 days apart. (See special timing of application instructions for water seeded rice under "Water Management").

Ratoon Rice: TRICLOPYR 44% TEA RICE may be applied within two weeks following harvest of the first crop to provide control of susceptible broadleaf weeds in ratoon rice.

Note: Rice is most tolerant to postemergence applications of TRICLOPYR 44% TEA RICE from the 2 to 3-leaf stage to the 1/2" internode elongation stage of rice development. Postemergence applications of the higher rates of TRICLOPYR 44% TEA RICE may result in temporary rice injury that appears as leaf chlorosis or stunting. Rice will normally recover from these symptoms in two to four weeks. Treatments applied after the 1/2" internode elongation stage may result in increased rice injury. Do not apply in the booting or subsequent stages.

Repeat Applications: Do not make more than two applications during the entire crop growing season. See "Special Use Precautions" for details.

## WATER MANAGEMENT

Preflood Application: For preflood applications, the rice should be in the 2 to 3-leaf stage or larger. A shallow flood may be applied no sooner than 72 hours following application of TRICLOPYR 44% TEA RICE. If the weeds are drought stressed, flush the field before applying TRICLOPYR 44% TEA RICE so that weeds are actively growing at time of treatment.

Postflood Application: For postflood applications, treatments should be made when weeds are well emerged above the water surface. Weeds submerged at the time of application will not be controlled. If water level is dropped to expose weeds prior to application, do not raise water level for at least 48 hours after application. The growing points of rice plants at the soil surface (crown) should be covered with water at the time of application.

Water Seeded Rice: In water seeded rice, do not apply before the 3 to 4 leaf stage or after the 1/2" internode elongation stage of growth.

Tolerance of Rice Varieties: TRICLOPYR 44% TEA RICE may be used on ail rice varieties except the variety "Millie" when grown in the state of Louisiana. However, because new varieties are introduced frequently, the tolerance of a new rice variety to TRICLOPYR 44% TEA RICE should be checked before large areas are treated.

# APPLICATION RATES AND WEEDS CONTROLLED WITH TRICLOPYR 44% TEA RICE ALONE

TRICLOPYR 44% TEA RICE should be applied to actively growing weeds at a rate of 0.67 to 1.0 pint (0.25 to 0,375 lb a.e.) per acre with a nonionic surfactant (0.25 to 0.5% by volume) or crop oil concentrate (1% by volume) (see Spray Surfactants under Mixing Directions). Apply 1 pint for difficult to control species, when broadleaf weeds are large, or in postflood applications.

## Weed Control Information

WEEDS CONTROLLED	APPLICATION RATE	COMMENTS
Common Cocklebur Jointvetch spp. <sup>1</sup> Morningglory spp. <sup>2</sup>	0.67 – 1.0 pint/acre (0.25-0.375 lb a.e./acre)	General: Best control is achieved with applications prior to weed flowering. Weeds larger than 24" in size may not be
		adequately controlled.
Alligatorweed	1.0 pint/acre	Daniffer des (Paris)
Dayflower Eclipta Hemp sesbania Redstem Rice flatsedge <sup>3</sup>	(0.375 lb a.e./acre)	Postflood applications should be made when weeds are well emerged above the water surface. Weeds submerged at the time of application will not be controlled.
Sicklepod Texasweed/Mexicanweed Water Hysopp Ricefield bulrush		<sup>1</sup> Jointvetch species are most susceptible from 10" to flowering stage of growth.
radial balladi)		<sup>2</sup> Apply 1 pint/acre when morningglory runners are greater than 6".
		<sup>3</sup> Rice flatsedge should be treated when less than 4 inches tall.
		<sup>4</sup> For optimum control, tank-mix TRICLOPYR 44% TEA RICE with propanil or Arrosolo herbicide.

# Application Timing and Water Management for Preflood Application in Drill-Seeded Rice:

	Drill-Seeded Rice - Preflood Application			
Application Rates	Rice Stage of Growth to Apply		Water Management	
TRICLOPYR 44% TEA	2-leaf Stage	3 to 4-leaf Stage	Hours After Application Before Flooding	
0.5 pt	No	No _		
0.67 pt	No	Yes	72 hours	
1.0 pt	No No	Yes	72 hours	
TRICLOPYR 44% TEA RICE Plus Arrosolo or Propanil				
0,5 pt	Yes	Yes	72 hours	
0.67 pt	No	Yes	72 hours	

# TANK MIX RECOMMENDATIONS

TRICLOPYR 44% TEA RICE may be tank mixed with several rice herbicides for broad spectrum weed control in rice. Tank mix applications are to be used only when the rice is well established and in the recommended stage of growth for treatment with TRICLOPYR 44% TEA RICE and the recommended tank mix product. For best results, weed species should also be in the proper stage of growth as specified on the TRICLOPYR 44% TEA RICE and tank mix product label. When tank mixing, always follow the use directions and precautions in accordance with each herbicide label. No label dosage rates may be exceeded.