

	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 401 "M" St., S.W. Washington, D.C. 20460	EPA Reg. Number: 71085-24	Date of Issuance: JUN - 8 2004
		Expiration Date: August 31, 2009	
		Term of Issuance: Conditional	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA, as amended)		Name of Pesticide Product: Riceco Arrosolo 3-3E	
Name and Address of Registrant (include ZIP Code): RiceCo LLC 5100 Poplar Avenue, Suite 2428 Memphis, TN 38137			
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 data.			
2. Make the following label changes listed below before you release the product for shipment:			
a. Add the phrase, "EPA Reg. No. 71085-24".			
b. Please note that 40 CFR 156.10(i)(1)(ii) states that only the Directions For Use may appear on printed or graphic matter which accompanies the pesticide. The referral statement "See Inside Booklet For Statement of Practical Treatment and Precautionary Statements" implies that the precautionary statements are inside a booklet. If all of the Precautionary Statements and First Aid Statements cannot appear on the outside container label due to size constraints, you should formally submit a request for a size exemption from the regulations.			
Signature of Approving Official: 151		Date: JUN - 8 2004	

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c. For clarity on the last page after **"This label expires August 31, 2009"** add the following:

Do not use this product after August 31, 2009.

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

4. RiceCo LLC will not object to revocation of the molinate tolerances provided the tolerances are effective until December 3, 2011, the period where rice treated with molinate in 2009 would be expected to pass through the channels of trade.

5. RiceCo LLC will provide annual production/sales reports for this product to the Agency beginning in the year 2004 through 2009.

6. RiceCo LLC will provide inventory reports for this product for the years 2007, 2008 and 2009.

7. The reports required in items 5 and 6 will be submitted by September 30 of each year to the Molinate Chemical Review Manager, Special Review and Reregistration Division (7508C).

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure

cc: Wilhelmena Livingston
SRRD (7508C)

RICECO ARROSOLO® 3-3E

Emulsifiable Liquid Herbicide For Use on Rice Grown
In the Southern United States Only

Active Ingredients:

Molinate: S-ethyl hexahydro-1*H*-azepine-1-carbothioate 33.1%

N-(3,4-dichlorophenyl) propanamide 33.1%

Other Ingredients: 33.8%

Total: 100.0%

Contains 3 Lbs. Of Ordram® and 3 Lbs. Of Propanil (Active Ingredients) Per Gal.

KEEP OUT OF REACH OF CHILDREN

WARNING/AVISO

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.)

See Inside Booklet for Statement of Practical Treatment and Precautionary Statements.

EPA Reg. No. 71085-XX

EPA Est. No. 37429-GA-1

Manufactured For:

 **RICECO**
A RICE ENTERPRISE
Memphis, TN 38137

ACCEPTED
with COMMENTS
In EPA Letter Dated:
JUN - 8 2004

NET CONTENT:

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

71085-24

FIRST AID Contains a Thiocarbamate Herbicide	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse 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 or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor treatment advice.
NOTE TO PHYSICIAN Contains a thiocarbamate herbicide (molinate) that inhibits cholinesterase. However, it is considered to be a weak cholinesterase inhibitor. Consider taking venous blood for determination of blood cholinesterase activity (use heparin tube). Administer atropine sulfate, either by intramuscular or intravenous injection, dependant on severity of poisoning. Since there is no therapeutic effect, the use of oxime preparations (e.g., 2-PAM) or other cholinesterase reactivators is contraindicated.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
In Case of Chemical Spill, Leak, Exposure Call Global Logistics @ (504) 439-3140 or (504) 599-3881	

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
WARNING

Causes substantial but temporary eye irritation. Harmful if swallowed. Avoid contact with skin, eyes and clothing. Avoid breathing spray mist.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and pilots not involved in mixing or loading this product must wear:

- Coverall or long-sleeved shirt, long pants
- Shoes plus socks

Mixers, loaders, flaggers and other coming in contact with this product must wear:

- (A) A long-sleeved shirt and long pants under disposable coveralls made of a synthetic material capable of excluding particles 45 microns or larger in diameter, such as Kleenguard™ OR (B) A cotton coverall or chemical-resistant coverall over a fully body cloth suit impregnated with activated charcoal.
- Chemical-resistant gloves, such as barrier laminate or butyl rubber ≥ 14 mils or nitrile rubber ≥ 14 mils or viton ≥ 14 mils.
- Chemical-resistant footwear plus socks.
- A respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter.
- If dry disconnects are not used for loading this product, a chemical resistant apron must be worn.

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.

The above personal protective equipment requirements for mixers and loaders may not be reduced even if a closed mixing and loading system is used. Handler PPE may not be reduced or modified as specified in the Worker Protection Standard for Agricultural Pesticides [40 CFR 170.240 (d)(4-6) for closed systems.

User Safety Recommendations
Users should: <ul style="list-style-type: none"> • 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

This pesticide is extremely 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. Do not contaminate water used for domestic use.

Water drained from treated rice fields must not be used to irrigate other crops or released within ½ mile upstream of a potable water intake in flowing water (i.e., river, stream, etc.) or within ½ mile of a potable water intake in a standing body of water such as a lake, pond or reservoir.

Physical and Chemical Hazards

COMBUSTIBLE LIQUID

Do not use or store near heat or open flame.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of RICECO LLC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold RICECO LLC and Seller harmless for any claims relating to such factors.

RICECO LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or RICECO LLC, and Buyer and User assume the risk of any such use. RICECO LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall RICECO LLC or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF RICECO LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION RICECO LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

RICECO LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of RICECO LLC.

This product is sold only for uses stated on its label. No express or implied license is granted to use or sell this product under any patent in any country except as specified. Country: United State of America

DIRECTIONS FOR USE

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

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.

Do not apply this product through any type of irrigation system.

No person shall mix or load more than 7,600 gals. of RiceCo Arrosolo per growing season or when used in combination with Ordram 8E, no more than 22,800 lbs. of molinate active ingredient per growing season.

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 and 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 24 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
- Chemical-resistant gloves, such as barrier laminate or butyl rubber ≥ 14 mils or nitrile rubber ≥ 14 mils or viton ≥ 14 mils
- Shoes plus socks
- Protective eyewear

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Storage

Do not use or store near heat or open flame. Do not store near seeds and fertilizer. Keep container closed when not in use. Open dumping is prohibited. Do not reuse empty container (for non-bulk or mini-bulk containers.)

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**Plastic**

Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or other procedures approved by State and local authorities.

For Mini-Bulk Containers**Container Disposal**

Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling or reconditioning, or clean in accordance with manufacturer's instructions.

Container Precautions

Before refilling, inspect thoroughly for damage, such as cracks, punctures, bulges, dents, abrasions or worn threads on closure devices. REFILL ONLY WITH RiceCo Arrosolo 3.3E. The contents of this container cannot be completely removed by cleaning. Refilling with materials other than RiceCo Arrosolo 3.3E will result in contamination and may weaken container. After filling and before transporting, check for leaks. Do not refill or transport damaged or leaking container. CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER!

GENERAL INFORMATION

Read all label directions before using. Do not overdose.

RiceCo Arrosolo® 3.3E emulsifiable liquid herbicide should be used only for recommended purposes and at recommended rates. RiceCo Arrosolo 3.3E may cause crop injury under extreme soil or climatic conditions or if directions are not followed.

Except as specified on this label, the use of fertilizers, oils, surfactants, and/or herbicides in tank mixes with RiceCo Arrosolo 3.3E may result in crop injury and/or impair the mixing properties of RiceCo Arrosolo 3.3E. A small scale physical compatibility test, as outlined in **Mixing Procedures**, should be conducted on all herbicide tank mixes before combining in the spray tank.

Avoid spray drift to all other crops and non-target areas.

Do not apply carbamate or organophosphorus insecticides in combination with Rice Co Arrosolo 3.3E.

Do not apply carbamate or organophosphorus insecticides within 7 days before or after RiceCo Arrosolo 3.3E application. Severe injury or kill of rice plants may result from tank mix combination or separate sprays of RiceCo Arrosolo 3.3E and certain insecticides.

Do not apply RiceCo Arrosolo 3.3E when rice is exhibiting stress from very cold temperatures, drought conditions, or injury from previously applied pesticides, diseases or insects.

RiceCo Arrosolo 3.3E should only be applied to fields which have been drained of flood water to expose susceptible weeds.

To avoid injury do not apply when the air temperature is above 100°F.

Weed control may be impaired if RiceCo Arrosolo 3.3E is applied when the air temperature is below 70°F.

For best results apply RiceCo Arrosolo 3.3E to actively growing weeds in the 1-2 leaf stage.

Do not apply if rainfall is anticipated within 6 hours after application.

Do not apply when wind speed is greater than 10 mph.

Do not apply more than 9 pounds of active ingredient of Ordram® selective herbicide per acre per season.

GENERAL APPLICATION DIRECTIONS

RiceCo Arrosolo 3.3E is a selective broad spectrum postemergence rice herbicide for control of annual grasses and broadleaf weeds.

All equipment used in the application of RiceCo Arrosolo 3.3E should be carefully calibrated before use and checked frequently during application to be sure the application is uniform. Avoid overlaps that will increase RiceCo Arrosolo 3.3E dosage above recommended limits, because crop injury may occur.

Apply RiceCo Arrosolo 3.3E in 20-50 gals. of water per acre by ground equipment and in 10-15 gals. of water per acre by airplane.

Shake well before using.

Directions for Use and Recommendations

Southern United States (Arkansas, Louisiana, Mississippi, Missouri [Boot-Heel Region Only] and Texas)

Postemergence, Preflood: For use on dry-seeded and water-seeded rice.

For control of Barnyardgrass, Sprangletop, Dayflower and Broadleaf Signalgrass, apply RiceCo Arrosolo 3.3E at 3-4 qts./A depending on weed size as shown on the table below. For best results, apply RiceCo Arrosolo 3.3E when weeds are in the 1-2 leaf stage. Flood the rice within 5 days after application to prevent weed reinfestation.

Weeds Controlled by RiceCo Arrosolo 3.3E and Rate Chart

Weeds		Maximum Leaf Stage	
		3 Quarts	4 Quarts
Barnyardgrass	<i>Echinochloa spp.</i>	1-2	3-4
Crabgrass, large	<i>Digitaria sanguinalis</i>	—	1-early 4
Croton, woolly	<i>Croton capitatus</i>	—	*
Dayflower, common	<i>Commelina communis</i>	—	1-2
Dock, curly	<i>Rumex crispus</i>	—	*
Foxtail	<i>Setaria spp.</i>	—	1-early 4
Goosegrass	<i>Eleusine indica</i>	—	1-early 4
Gulf Cockspur	<i>Echinochloa crus-gallus</i>	—	1-early 4
Hemp Sesbania or Coffee Bean	<i>Sesbania exaltata</i>	—	*
Hoorahgrass or Fringerush	<i>Fimbristylis spp.</i>	—	1-early 4
Horned bearkrush	<i>Rhynchospora corniculata</i>	—	*
Junglerice	<i>Echinochloa colonum</i>	—	1-early 4
Paragrass	<i>Panicum purpurascens</i>	—	1-early 4
Pigweed, redroot	<i>Amaranthus retroflexus</i>	—	*
Redweed	<i>Melochia corchorifolia</i>	—	*
Signalgrass, broadleaf	<i>Brachiaria platyphylla</i>	1-2	3-4
Smartweed, Pennsylvania	<i>Polygonum pennsylvanicum L.</i>	—	1-early 4
Spikerush	<i>Eleocharis spp.</i>	—	1-early 4
Sprangletop (maximum 1 in. tall)	<i>Leptochloa spp.</i>	1-2**	1-2
Texas Millet	<i>Panicum Texanum</i>	—	1-early 4
Texasweed	<i>Cyperus palustris</i>	—	*

* For control of seedling broadleaf weeds.

** Suppression only in the states of Arkansas, Mississippi, Louisiana and Missouri.

MIXING PROCEDURES

Procedure for Testing the Compatibility of RiceCo Arrosolo 3.3E in Tank mix Combinations

The following procedure is suggested for determining whether or not RiceCo Arrosolo 3.3E may be combined with a specific herbicide for spray tank application.

Materials Required

- RiceCo Arrosolo 3.3E
- Tank mix herbicides
- Adjuvant for spray tank mix combinations: Compex™, Sponto 168-D™, Unite™, or equivalent. The adjuvant which provides the best emulsification depends on the specific herbicide under consideration.
- Two one-quart, wide mouth glass jars with lids or stoppers.
- Measuring spoons. A 25 mL pipette or graduated cylinder provides more accurate measurement. 1 tablespoon equals 3 teaspoons equals approximately 5 milliliters.
- Measuring cup, 8 ounces (237 mL).

Procedure

- Pour a pint or about 473 mL of water into each quart jar.
- Add adjuvant to one of the jars and mix. See Table 1 footnote for adjuvant rate.
- The order of addition of tank mix herbicides is wettable powders first, followed by wettable dispersible granules, followed by flowables, followed by RiceCo Arrosolo 3.3E. See Table 2 for rates of tank mix herbicides to add to both jars.
- If the tank mix herbicide being tested is a wettable powder, premix the wettable powder in 1/8 cup of water prior to addition to the pint of water.
- Add RiceCo Arrosolo 3.3E to both jars. See Table 1 for rate to use.
- Close both jars with lid or stopper and mix the contents by turning the jars upside down and back upright ten times.
- Inspect the surface and body of the mixtures:
 - Immediately after completing the jar inversions.
 - After allowing the jars to stand undisturbed for 30 minutes.
 - Again after turning the jars upside down and upright again ten times after the 30 minute wait.

Evaluation

- If a uniform mixture cannot be made, the mixture should not be used.

- If either mixture remains uniform for 30 minutes, the combination may be used.
- Should either mixture separate after 30 minutes, but readily remixes uniformly with ten additional jar inversions, the mixture can be used if adequate agitation is maintained in the tank.
- If the mixture with adjuvant is satisfactory, but the one without adjuvant is not, be sure to use the adjuvant in the spray tank.
- If adjuvant is needed, add to the spray tank first at a rate of 3 pts. per 100 gals. of water.
- Foaming can be minimized by using moderate agitation.
- If nondispersible oil, sludge or clumps of solids form in the mixture, the combination should not be used.

Table 1
Rate Table for RiceCo Arrosolo 3.3E and Adjuvant*

Gallons of spray volume to be applied per acre	RiceCo Arrosolo 3.3E to add to 1 pint of water for 3 quart per acre rate		RiceCo Arrosolo 3.3E to add to 1 pint of water for 4 quart per acre rate	
	ml	tsp.	ml	tsp.
10	34	7-1/2	45-1/2	9-2/3
15	22-3/4	4-3/4	31	6-1/2
20	17	3-2/3	22-3/4	4-3/4
25	13-2/3	3	18-1/4	4
30	11-1/3	2-1/2	15-1/4	3-1/4
40	8-1/2	1-3/4	11-1/3	2-1/2
50	6 1/4	1-1/2	9	2

* Two (2) mL or one-half (1/2) tsp. Of adjuvant added to 1 pt. of water equals 3 pts. of adjuvant per 100 gals. of water.

Table 2
Rate Table for Other Tank Mix Herbicides

Gallons of spray volume to be applied per acre	Amount of dry herbicide to add for each pound to be applied per acre	Amount of liquid herbicide to add for each pint to be applied per acre	
	tsp.	ml	tsp.
10	2/3	1	1/4
15	1	1-1/2	1/3
20	1-1/5	2	2/5
25	1-1/2	2-1/2	1/2
30	1-3/4	3	2/3
40	2-2/5	4	3/4
50	3	5	1

This label expires August 31, 2009

Arrosolo®, Ordram®, and trademarks of a Syngenta Group Company.

Complex™ is a trademark of Kalo, Inc.

Kleenguard™ is a trademark of Kimberly-Clark Corporation.

Sponto 168-D™ is a trademark of Witco Corporation.

Unite™ is a trademark of HACO, Inc.

US Patent No. 3,573,031.

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For non-emergency (e.g. current product information) call RiceCo LLC at 1-888-835-1313.

Product of the USA



Manufactured For:
RiceCo LLC
Memphis, TN 38137
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