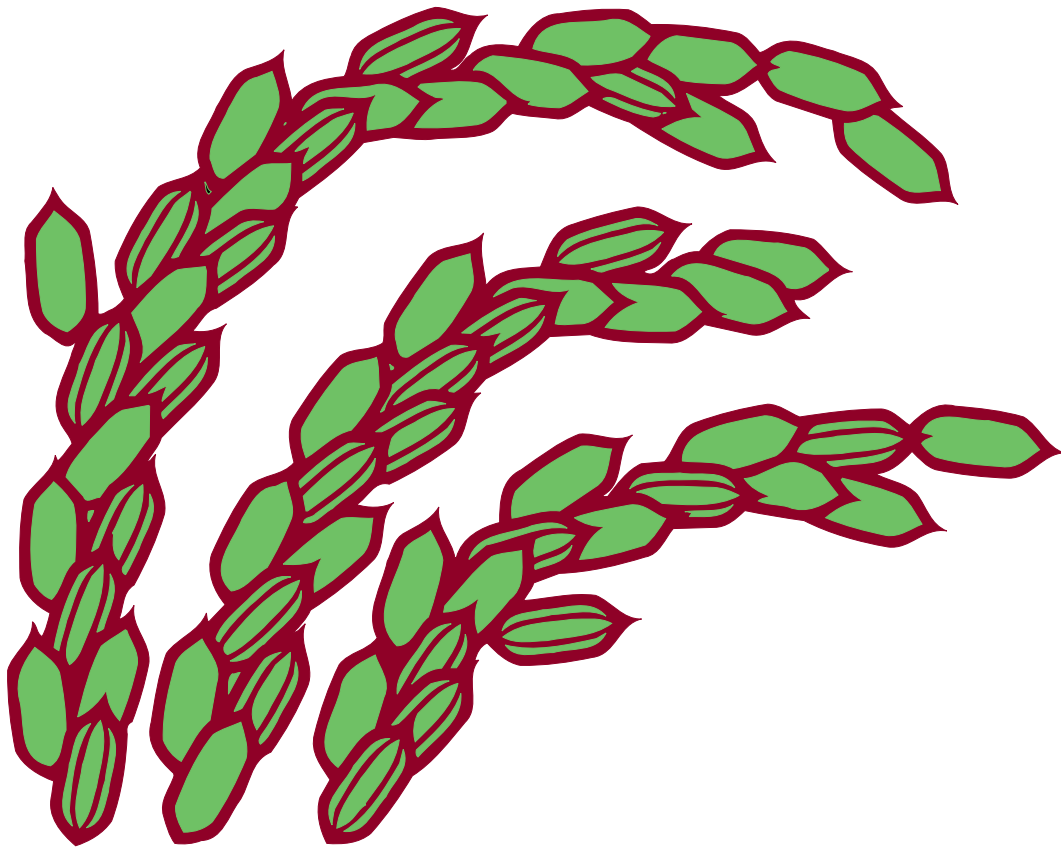


ZENECA Ag Products

Ordram[®] 8-E

Selective Herbicide



**An Emulsifiable Liquid Herbicide for Rice Grown
in the Southern Region and California**

This is a specimen label and may be inaccurate or out of date. It is intended as a guide in providing general information regarding use of this product. Always read and follow the EPA approved label on the product container.

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Ordram® 8-E Selective Herbicide

An Emulsifiable Liquid Herbicide for Rice Grown in the Southern Region and California

ACTIVE INGREDIENT

S-ethyl hexahydro-1H-azepine-1-carbothioate	90.9%
INERT INGREDIENTS	9.1%
TOTAL	100.0%

Contains 8 pounds active ingredient per gallon.

EPA Reg. No. 10182-204

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.)

STATEMENT OF PRACTICAL TREATMENT

FIRST AID:

CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY.

If a known exposure occurs or is suspected, immediately start the procedures given below and contact a Poison Control Center, physician, or the nearest hospital.

NOTE: Be sure to advise the person contacted that the product is a weak cholinesterase inhibitor in experimental animals. Describe the type and extent of exposure, the victim's symptoms, and follow the advice given.

NOTE TO MEDICAL PERSONNEL: If cholinesterase inhibition is suspected, atropine by injection is antidotal. It has not been determined if pralidoxime chloride (2-PAM, protopam) is antidotal for the product.

IF SWALLOWED: Immediately give several glasses of water but *do not* induce vomiting. If vomiting occurs, give fluids again. Have a physician determine if condition of patient will permit induction of vomiting or evacuation of stomach. Do not give anything by mouth to an unconscious or convulsing person.

IF IN EYES: Immediately flush eyes with large amounts of water for at least 15 minutes. Hold eyelids apart during flushing to ensure rinsing of the entire surface of the eye and lids with water. Get medical attention immediately.

IF ON SKIN: Flush affected areas with plenty of water for several minutes. Get medical attention.

IF INHALED: Remove to fresh air. Seek medical attention if respiratory irritation occurs or breathing becomes difficult.

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL
1-800-F-A-S-T-M-E-D (327-8633).**

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident, call
CHEMTREC, 1-800-424-9300.**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

MAY BE FATAL IF SWALLOWED. Harmful if absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, and clothing. Avoid breathing spray mist. Avoid contamination of feed and food. Repeated skin contact may cause cumulative effects.

Personal Protective Equipment (PPE)

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 others 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 full body cloth suit impregnated with activated charcoal OR (c) applies only to use in California: A chemical-resistant coverall (as specified in the current California Department of Pesticide Regulation molinate Worker Safety Permit Conditions) over long-sleeved shirt and pants
- 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)
- 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:

- 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 product is extremely toxic to fish. Do not apply directly to water except as indicated in the directions. Do not contaminate water when disposing of equipment wash waters. Do not contaminate water used for domestic purposes.

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 ZENECA or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ZENECA and Seller harmless for any claims relating to such factors.

ZENECA 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 ZENECA, and Buyer and User assume the risk of any such use. ZENECA 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 ZENECA 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 ZENECA 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 OF ZENECA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

ZENECA 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 ZENECA.

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 equipment.

No person shall mix or load more than 2,850 gallons of ORDRAM® 8-E per growing season or when used in combination with ARROSOLO® 3-3E no more than 22,800 pounds 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 about personal protective equipment (PPE) and restricted-entry interval (REI). 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 12 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry into 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
- Waterproof gloves
- Shoes plus socks

GENERAL USE PRECAUTIONS

Read all label directions before using. Do not overdose.

ORDRAM 8-E selective herbicide should be used only for recommended purposes and at recommended rates.

ORDRAM 8-E 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 oils, surfactants, and/or herbicides in tankmixes with ORDRAM 8-E may result in crop injury and/or may impair the mixing properties of ORDRAM 8-E. A small-scale physical compatibility test is recommended.

ORDRAM 8-E may be combined with fluid (solution, slurry, or suspension) fertilizers. However, physical compatibility with these fluid fertilizers must be determined before combining in the spray tank. See special literature giving directions for these combinations. Even though found to be compatible, constant agitation is necessary to keep the ORDRAM 8-E uniformly mixed with the fluid fertilizer.

Allow 30 days between preplant and postflood treatments.

Allow 60 days between the last application and harvest.

GENERAL APPLICATION DIRECTIONS

All equipment used in the application of ORDRAM 8-E should be carefully calibrated before use and checked frequently during application to be sure the application is uniform.

Avoid overlaps that will increase ORDRAM 8-E dosage above recommended limits because crop injury may occur.

Apply ORDRAM 8-E in 10 to 50 gallons of water by ground equipment and 5 to 10 gallons of water by airplane except as specified below.

Do not apply more than 6 pints ORDRAM 8-E per acre per season where more than one method of application is used. Allow 30 days between applications.

SOUTHERN REGION ONLY—DIRECTIONS FOR USE

PPI GROUND APPLICATION: For use on dry-seeded rice only.

For partial control of early season grasses (barnyardgrass, sprangletop, broadleaf signalgrass, and crabgrass) and nutsedge (*Cyperus* spp.).

On a thoroughly clean and prepared seed bed, apply 3 to 4 pints of ORDRAM 8-E. Application must be made to a dry soil surface. Use 3 pints on light soil, 3 to 4 pints on medium soil, and 4 pints on heavy soil. Use ground application equipment only. Incorporate immediately to a depth of 1 to 2 inches. Whenever possible, application and incorporation should be done in the same operation. When applied in fluid fertilizer, incorporation can be delayed up to 2 hours. Early flushing or flooding may improve the control received by this treatment method.

CAUTION: Other control methods may be needed for escaped weeds or for late season infestations.

POSTEMERGENCE, PREFLOOD: For use on dry-seeded and water-seeded rice.

For control of barnyardgrass, sprangletop, dayflower, and broadleaf signalgrass.

Apply ORDRAM 8-E as a tankmix combination with a registered propanil brand in 10 to 15 gallons of water per acre by airplane or in 20 to 50 gallons of water per acre by ground equipment using the rates in the following table. Flood the rice within 5 days after application to prevent weed reinfestation. Follow all directions and use precautions on the propanil label. Avoid drift or accidental application to all crops, shrubs, or ornamentals not in the rice field being treated.

RATE PER ACRE

Weeds	Maximum Leaf Stage	ORDRAM 8-E (Pints)	Propanil 4-E (Pints)
Barnyardgrass (<i>Echinochloa crus-galli</i>)	3	3	6
Sprangletop (<i>Leptochloa</i> spp.) (emerged less than 1 inch)	—	3	6
Signalgrass, Broadleaf (<i>Brachiaria platyphylla</i>)	3	3	6
Dayflower, Common (<i>Commelina communis</i>)	2	2 to 3	6

POSTEMERGENCE AT FLOODING: For use on dry-seeded rice ONLY.

For control of barnyardgrass (watergrass) and dayflower under 5 inches tall.

USE PRECAUTIONS:

- Apply this product only through flood (basin) irrigation system. Do not apply this product through any other type of irrigation system.
- Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

FOR FLOOD IRRIGATION:

- Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from backflow if water flow stops.
- Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:
 - The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

- b. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- c. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- d. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- e. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- f. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

When establishing the permanent flood, meter the recommended rate of ORDRAM 8-E per acre into the irrigation water at the header ditch or canal where water enters the treated field. Meter the ORDRAM 8-E during the entire irrigation period using a constant head metering device.

Recommended Rate: 3 pints ORDRAM 8-E per acre.

The rice must be established at the time of application. Dayflower must be completely submerged and barnyardgrass $\frac{2}{3}$ submerged by the flooding operation. Flood should be maintained at the prescribed depth until barnyardgrass and/or dayflower is controlled.

POSTEMERGENCE, POSTFLOOD: For use on dry-seeded and water-seeded rice.

For control of barnyardgrass (watergrass) ONLY.

Application: Apply the recommended rate directly to the flooded field. Apply by airplane ONLY. Apply only when wind velocity is low, 0 to 10 mph.

Recommended Rate: 3 pints ORDRAM 8-E per acre.

The barnyardgrass must be a minimum of 2 inches high but not higher than 5 inches, and it must be at least $\frac{2}{3}$ submerged at time of application. This water level (not less than 2 inches) must be maintained until the barnyardgrass dies. Application should be made before rice is 2 inches above surface of water.

CALIFORNIA ONLY—DIRECTIONS FOR USE

PREPLANT, PREFLOOD: For use on water-seeded rice ONLY.

For control of barnyardgrass (watergrass) *Echinochloa crus-galli* ONLY.

Soil Preparation: Prepare the soil for seeding according to good agricultural practices. All weed growth must be thoroughly worked into the soil before treatment.

For Ground Application Only: Use standard, low-pressure (20 to 50 psi), boom-spray equipment. DO NOT USE SINGLE-NOZZLE BOOM-JET TYPE SPRAYERS.

Spray equipment should be carefully calibrated before use and checked frequently during application to be sure nozzles are free from clogging and are delivering a uniform spray pattern. Avoid overlaps that will increase ORDRAM 8-E dosage above recommended limits because crop injury may occur. Apply the recommended rate of ORDRAM 8-E in 20 to 50 gallons of water per acre.

Application and Incorporation: Apply to dry soil in good tilth. ORDRAM 8-E must be incorporated immediately (within minutes) to prevent loss of the herbicide. Whenever possible, application and incorporation should be done in the same operation. Incorporation should be done by at least one discing or spiketooth harrowing. Flood the field for seeding and hold the flood for 4 to 6 days following seeding.

Recommended Rate: Apply 3 pints of ORDRAM 8-E per acre.

POSTFLOOD, POSTEMERGENCE: Water-seeded or drilled rice.

Rice should be in the seedling stage at the time of application.

FOR AIR APPLICATION ONLY: Watergrass must be a minimum of 2 inches high but not higher than 5 inches, and must be at least $\frac{2}{3}$ submerged at time of application. This water level (not less than 2 inches) must be maintained until the watergrass dies.

Equipment should be carefully calibrated before use and checked frequently during application to be sure application is uniform. Avoid overlaps that will increase ORDRAM 8-E dosage above recommended limits because crop injury may occur. Apply the recommended rate of ORDRAM 8-E in 5 to 10 gallons of water per acre. Aerial application should be made only when the wind velocity is low, 0 to 10 mph.

To avoid uneven distribution of ORDRAM 8-E, the water flow through the field should be at a minimum at the time of application and for at least 2 hours after application.

Hold flood water a minimum of 4 days after application.

RATE: Apply 3 pints ORDRAM 8-E per acre.

STORAGE AND DISPOSAL

STORAGE: Do not store near seeds and fertilizer. Keep container closed when not in use. Open dumping is prohibited. Do not reuse empty 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: 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.

Plastic: Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

FOR BULK AND 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 ORDRAM® 8-E SELECTIVE HERBICIDE. The contents of this container cannot be completely removed by cleaning. Refilling with materials other than ORDRAM 8-E 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!

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Kleenguard™ is a trademark of Kimberly-Clark Corporation.

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This specimen label is current as of the time of printing.

For current information, contact ZENECA Ag Products at 1-800-759-2500.

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Made in U.S.A.

ZENECA Ag Products

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