Page 1 of 8 CYCLONE - Booklet CYC111B.RSA - RS-011491A



Front Cover

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

CYCLONE® HERBICIDE

A Weed, Grass and Harvest Aid Herbicide

COMPLETE DIRECTIONS FOR USE READ WORKER SAFETY RULES

Inside of Front Cover

}

ł

BEST AVAILABLE COPY

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

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

IMPOR ANT: Read the Entire Directions for Use and the Conditions of Sale and Warranty before using this product.

CONDITIONS OF SALE AND LIMITED WARRANTY:

The Directions for Use of this product are believed to be reliable and should be followed carefully. However, 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 timing and method of application, weather and crop conditions; mixture with other chemicals not specifically recommended or other influencing factors in the use of the product, all of which are beyond the control of the seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label, subject to the inherent risks referred to above, when used in accordance with directions under normal conditions of use. 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 and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL: OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY.

Page 2 of 8 CYCLONE - Booklet CYC111B.RSA - RS-011491A

When Buyer or User claims 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 Seller of any claims to be eligible to receive either of the remedies set forth below. The EXCLUSIVE REMEDY OF BUYER OR USER and the LIMIT OF LIABILITY of Seller will be, at the election of Seller, refund of the purchase price paid for product bought, or replacement of amount of product used. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.

Page

TABLE OF CONTENTS

STATEMENT OF PRACTICAL TREATMENT
PRECAUTIONARY STATEMENTS
Worker Safety Rules
Environmental Safety Cautions
DIRECTIONS FOR USE
Reentry Statements
General Information
Rainfastness
Application
Use of a Nonioric Suifactant
Nozzle Selection
Spray Carrier
Rates of CYCLONE
Spray Volume
Drift Minimization
Application Timing
Burndown of Grass Cover Crops or Volunteer Cereals
Environmental Conditions
Spot Spraying
Tank Mixing
Limitations, Precautions & Warnings
CROPS
Alfalfa
Asparagus
Cassavas, Taniers & Yams (Puerto Rico only)
Clover
Conservation Reserve & Federal Set-Aside
Corn
Cotton
Easter Lilies
Grasses (for seed)
Guar
Mint
Non-Crop Uses
Onions (seeded) and Garlic
Pasture and Rangeland Reseeding
Peanuts
Pigeon Peas (Puerto Rico only)
Pineapples
Potatoes
Resin Soaking

Page 4 of 8 CYCLONE - Booklet CYC111B.RSA - RS-011491A

Page

Small Grains Sorghum (grain) Soybeans Sugarcane Sunflower & Safflower	• • • • • • • • • • • • • • • • • • • •	
Soybeans Sugarcane Sunflower & Safflower	• • • • • • • • •	
Soybeans Sugarcane Sunflower & Safflower	• • • • • • • • •	
Sugarcane	• • • • • • • •	
Sunflower & Safflower		
Trees & Vines		
Tyfon (New Hampshire only)		
Vegetables		

KEEP OUT OF REACH OF CHILDREN

O DANGER POISON X

ONE SWALLOW CAN KILLI

SYMPTOMS ARE PROLONGED AND PAINFUL ONSET OF SYMPTOMS MAY BE DELAYED FOR UP TO 3 DAYS AFTER SWALLOWING.

PELIGRO

)

1

1

PRECAUTION AL USUARIO:

Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

- DO NOT USE OR STORE IN OR AROUND HOME.
- DO NOT REMOVE CONTENTS EXCEPT FOR IMMEDIATE USE.
- NEVER PUT INTO FOOD, DRINK OR OTHER CONTAINERS.

EPA Reg. No. 10182-111

ACTIVE INGREDIENT:	By Wt.
Paraquat dichloride (1,1'-dimethyl-4,4'bipyridinium dichloride	29.1%
INERT INGREDIENTS	70.9%
	100.0%

Contains 2 lbs. paraquat cation per gallon. Contains stench (odor) and emetic.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: IMMEDIATELY induce vomiting by touching back of throat with finger.

Administer fluids and induce further vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. GET TO A HOSPITAL OR PHYSICIAN FAST. PROMPT TREATMENT IS ESSENTIAL AND MUST BE INITIATED BEFORE SIGNS AND SYMPTOMS APPEAR.

NOTE TO PHYSICIANS: Call ICI AMERICAS MEDICAL EMERGENCY INFORMATION NETWORK 1-800-327-8633 (Dial 1-900-F-A-S-T-M-E-D) at any hour to obtain toxicology and medical management consultation, a supply of bentonite clay, and paraquat analysis. Symptoms following ingestion may be delayed up to 3 days. To be effective, treatment for paraquat poisoning must begin IMMEDIATELY. Treatment consists of binding paraquat in the gut with suspensions of bentonite clay or charcoal and removal of paraquat from the blood by prolonged charcoal hemoperfusion or continuous hemodialysis.

IF ON SKIN: IMMEDIATELY wash with soap and water. Remove and wash all contaminated clothing separate from other laundry with soap and hot water before reusing. Prolonged contact will cause severe irritation. Contact with Irritated skin or a cut or repeated contact with intact skin may result in poisoning. GET MEDICAL ATTENTION.

IF IN EYES: IMMEDIATELY wash eyes with water for at least 15 minutes and get medical attention. Contact may cause eye injury. CALL A PHYSICIAN.

IF INHALED: IMMEDIATELY remove victim to fresh air or get away from spray mist. Exposure may cause irritation, nose bleeds and may lead to poisoning. Stop and check spray procedure. The odor of this product is from the stenching agent which has been added, not from paraquat.

Read and follow PRECAUTIONARY STATEMENTS:

ì

)

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A SECHELD (327-8633).

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

For other product information, contact your local ICI Americas Inc. Distributor or see Material Safety Data Sheet.

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

O DANGER POISON

FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES
IRREVERSIBLE EYE DAMAGE. CAUSES SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN
REACTION.

DO NOT get in eyes, on skin, or on clothing. DO NOT breathe spray mist. WASH SPLASHES from skin and eyes immediately. WASH thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

 When pouring, loading, mixing concentrate or when exposure to concentrate is possible wear;

A NIOSH/MSHA-approved pesticide respirator.

Protective clothing (disposable suit/coveralls or long-sleeved shirt and pants).

Full face shield.

Mid-forearm waterproof gloves.

Waterproof apron and footwear.

When spraying end-use dilution outside of an enclosed cab or aircraft or when contacting vegetation wet with spray wew:

Protective clothing (disposable suit/coveral's or long-eleeved shirt and parts);

Wide-brimmed hat.

Waterproof footwear.

REMOVE contaminated clothing and wash separate from other leundry before rause.

SEST ATTICABLE LOPP

Page 8 of 8 CYCLONE - Booklet CYC111B.RSA - RS-011491A

ENVIRONMENTAL HAZARDS

WILDLIFE: This product is toxic to wildlife. Birds and other wildlife in treated areas may be killed. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Do not contaminate water by cleaning of equipment or disposal of waste.

DRIFT: CYCLONE is a contact herbicide that kills all green plant tissue. Do not apply under conditions involving possible drift to food, forage, or other plantings that might be damaged or the crops thereof rendered unfit for sale, use, or consumption. Do not apply when weather conditions favor drift from areas treated. For aerial applicators use, do not apply during periods of thermal inversion to avoid drift.

CHEMICAL HAZARD: This product reacts with aluminum to produce hydrogen gas which may form a highly combustible gas mixture. Such gas could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette, or other ignition source. Do not mix or store in containers, spray tanks, nurse tanks, or such systems made of aluminum or having aluminum fittings. After dilution with water to spray concentrations, spray systems made of, or containing aluminum parts, may be used but should not be used for extended (overnight) storage.

EQUIPMENT/CONTAINER: Flush all spray equipment with water after use each day. CYCLONE is corrosive to aluminum. Aluminum spray equipment and aluminum aircraft structures that are exposed to spray solution or spray drift should be flushed thoroughly with water immediately after use.

CYC111B.RSA

