

PM 25

524-350

10-29-97

1 of 8

acceptance stamp on p. 2.

Polado®L

Plant Growth Regulator by Monsanto

For use only on sugarcane.

For foliar application to hasten ripening and extend the period of high sucrose levels in sugarcane.

Complete Directions for Use

© Registered trademark of Monsanto Company

EPA Reg. No. 524-350

1997-1

21055V4-2/53

Read the entire label before using this product.

Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened.

REFORMULATION OR REPACKAGING IS PROHIBITED.

LIMIT OF WARRANTY AND LIABILITY

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the

2078

Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

MAY CAUSE EYE IRRITATION.

MAY BE HARMFUL IF INHALED.

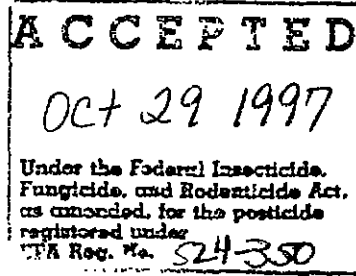
Avoid contact with eyes, skin and clothing.

Avoid breathing vapor or spray mist.

FIRST AID: ~~IF IN EYES, flush with plenty of water for at least 15 minutes. Call a physician.~~

~~IF INHALED, remove individual to fresh air. Seek medical attention if breathing difficulty develops. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.~~

~~IF ON SKIN, flush with water.~~



Personal Protective Equipment (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants, shoes plus socks. 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.

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

User Safety Recommendation:

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.

In case of emergency involving this product, Call Collect, day or night, (314)694-4000.

Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

In case of:

SPILL OR LEAK, soak up and remove to a landfill.

Physical or Chemical Hazards

Spray solutions of this product should be mixed, stored and applied using only stainless steel, aluminum, fiberglass, plastic or plastic-lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

ACTIVE INGREDIENT:

*Glyphosate, N-(phosphonomethyl) glycine, in the form of its isopropylamine salt	53.8%
---	-------

INERT INGREDIENTS:	46.2%
	100.0%

* Contains 4 pounds per U.S. gallon glyphosate.

GENERAL INFORMATION

This product is a foliar-applied plant growth regulator to hasten ripening and increase the level of sucrose in sugarcane. It is effective in both low and high-tonnage sugarcane.

When applied as directed under the conditions described, this product will hasten ripening and extend the period of high sucrose level in sugarcane.

As a result of leaf desiccation, improved trash burn can be expected.

Do not apply to any crops other than sugarcane.

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

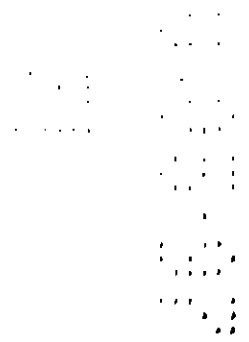
Rainfall within 6 hours after application may reduce effectiveness. Use of this product in any manner not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences.

Within 2 to 3 weeks after application, this product may produce a slight yellowing to pronounced browning and drying of leaves, and a shortening of upper internodes. Spindle death may occur.

Most of the sucrose increase is concentrated in the top nodes of the treated cane stalk. In order to recover the maximum sugar where topping is practiced during harvest, top at the base of the fourth leaf.

Prior to application, consult your state sugarcane authority or local Monsanto representative regarding the degree of sucrose response anticipated from the variety of sugarcane to be treated. Do not plant to subsequent crops other than the following for 30 days after application:

- ALFALFA
- ARTICHOKE (JERUSALEM)
- ASPARAGUS
- BARLEY
- BEANS (ALL)
- BEET GREENS
- BEETS (RED, SUGAR)
- BLACKBERRY
- BOYSENBERRY
- BROCCOLI
- CABBAGE
- CAULIFLOWER
- CELERY
- CHICKORY
- CORN (ALL)
- COTTON
- CRANBERRY
- CUCUMBER
- CURRANT
- DEWBERRY
- EGGPLANT
- ELDERBERRY



- FORAGE GRASSES
- FORAGE LEGUMES
- GARLIC
- GOOSEBERRY
- GOURDS
- HORSERADISH
- HUCKLEBERRY
- KALE
- LENTILS
- LETTUCE
- LOGANBERRY
- MELONS
- MUSTARD GREENS
- OATS
- OKRA
- OLALLIEBERRY
- ONION
- PARSNIPS
- PEANUTS
- PEAS (ALL)
- PEPPER
- PINEAPPLE
- POTATO (IRISH, SWEET)
- PUMPKIN
- RADISH
- RASPBERRY (BLACK, RED)
- RICE
- RUTABAGA
- SORGHUM (MILO)
- SOYBEANS
- SPINACH
- SQUASH (SUMMER, WINTER)
- TOMATILLO
- TOMATOES
- WATERMELON
- WATERCRESS
- WHEAT

NOTE: Application of this product may initiate development of shooting eyes.

This product may not increase the sucrose content of sugarcane under conditions of good natural ripening.

Do not apply to sugarcane to be harvested for seed purposes.

Do not feed or graze treated sugarcane forage following application.

AERIAL APPLICATION

Apply the recommended rates of this product in 5 or more gallons of water per acre with either airplane or helicopter aerial spray equipment.

ATTENTION

AVOID DRIFT – Extreme care must be used when applying this product to prevent injury to desirable plants and crops. Do not apply during inversion conditions, when winds are gusty, or under any other condition which will allow drift. Drift may cause damage to any vegetation contacted to which treatment is not intended. To prevent injury to adjacent desirable vegetation, appropriate buffer zones must be maintained.

Coarse sprays are less likely to drift; therefore, do not use nozzles or nozzle configurations which disperse spray as fine spray droplets. Do not angle nozzles forward into the airstream and do not increase spray volume by increasing nozzle pressure.

ENSURE UNIFORM APPLICATION – To avoid streaking, uneven or over-lapped application, use appropriate marking devices.

Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove residues of this product accumulated during spraying or from spills. **PROLONGED EXPOSURE OF THIS PRODUCT TO UNCOATED STEEL SURFACES MAY RESULT IN CORROSION AND POSSIBLE FAILURE OF THE PART. LANDING GEAR ARE MOST SUSCEPTIBLE.** The maintenance of an organic coating (paint) which meets aerospace specification MIL-C-38412 may prevent corrosion.

NOTE: Use of this product in any manner not consistent with this label may result in injury to persons, animals, or crops, or other unintended consequences.

MIXING AND APPLICATION INSTRUCTIONS

APPLY THESE SPRAY SOLUTIONS IN PROPERLY MAINTAINED AND CALIBRATED EQUIPMENT CAPABLE OF DELIVERING DESIRED VOLUMES.

Mix only with clean water. When not in use, keep container closed to prevent spills and contamination.

NOTE: REDUCED RESULTS MAY OCCUR IF WATER CONTAINING SOIL IS USED, SUCH AS WATER FROM PONDS AND UNLINED DITCHES.

MIXING

This product mixes readily with water. Mix spray solutions of this product as follows: fill the mixing or spray tank with the required amount of water while adding the recommended amount of this product. Remove hose from tank immediately after filling to avoid siphoning back into the carrier source.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any 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.

7078

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.

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 4 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, waterproof gloves, and shoes plus socks.

For more product information, call toll-free 1-800-332-3111.

Storage and Disposal

Do not contaminate water, foodstuffs, seed or feed by storage or disposal.

STORAGE:

STORE ABOVE 10°F. (-12°C.) TO KEEP FROM CRYSTALLIZING.

Crystals will settle to the bottom. If allowed to crystallize, place in a warm room at 68°F. (-20°C.) for several days to redissolve and mix well before using.

DISPOSAL:

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is destroyed. Do not reuse container, destroy when empty.

Triple rinse container, then 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.

See the following use instructions for recommended rates and time of application for the state in which applications are to be made.

8078

NOTE: Use the higher rate within the recommended range when treating sugarcane under adverse ripening conditions or when less responsive varieties are to be treated.

FLORIDA -- Apply 6 to 14 fl.oz. of this product per acre 3 to 5 weeks before harvest of LAST RATOON CANE ONLY.

HAWAII -- Apply 10 to 24 fl.oz. of this product per acre 4 to 10 weeks before harvest.

LOUISIANA -- Apply 6 to 14 fl.oz. of this product per acre 3 to 5 weeks before harvest of RATOON CANE ONLY.

PUERTO RICO -- Apply 6 fl.oz. of this product per acre 3 to 5 weeks before harvest of RATOON CANE ONLY.

TEXAS-- Apply 6 to 14 fl.oz. of this product per acre 3 to 5 weeks before harvest of RATOON CANE ONLY.

Product is protected by U.S. Patent No. 4,405,531. Other patents pending. No license granted under any non-U.S. patent (s).

In case of emergency involving this product, Call Collect, day or night, (314)694-4000.

EPA Reg. No. 524-350

© MONSANTO COMPANY 1997

MONSANTO COMPANY
ST. LOUIS, MISSOURI 63167 U.S.A.