

POLADO™

PLANT GROWTH REGULATOR

BY **Monsanto**

ACCEPTED
SEP 26 1980
U.S. Environmental Protection
Agency, Registration Section
Washington, D.C. 20460
EPA Reg. No. 524-332

FOR USE ONLY ON SUGARCANE

Water soluble powder for foliar application to hasten ripening and extend the period of high sucrose levels in sugarcane.

Read the entire label
Use only according to label instructions

WARNING! Keep out of reach of children.

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

Read precautions on back panel

ACTIVE INGREDIENT
Sodium sesqui salt of
[N (phosphonomethyl) glycine]
INERT INGREDIENTS

75%
25%
100%

EPA Reg No 524-332

NET 25 LBS., N

47

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INERT INGREDIENTS

75%
25%
100%

EPA Reg. No. 524-332

NET 25 LBS., NET 11.34 KG.

2099 02/530

Part 1 of 2 labels

PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals
Keep out of reach of children.

WARNING!

CAUSES SKIN IRRITATION

Do not get in eyes, on skin or on clothing
Wash thoroughly after handling

FIRST AID IN CASE OF CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician. Flush skin with water. Wash clothing before reuse.

Physical or Chemical Hazards

Spray solutions of this product should be mixed, stored and applied only in stainless steel, aluminum, fiberglass, plastic and 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.

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.

Storage and Disposal

Do not contaminate water by cleaning of equipment or disposal of wastes.

Avoid contamination of seed and foodstuffs.

Do not reuse container. Destroy when empty.

In case of fire, soak with water.

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.

This product increases the sucrose content of existing suckers while reducing the size and number of new suckers.

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

Do not apply to any crops other than sugarcane. Rainfall within 6 hours after application may reduce effectiveness.

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

Keep container closed to prevent spills and contamination.

Within 2 to 3 weeks after application, this product may produce a slight yellowing to pronounced browning and drying of the 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 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 rotate crops other than corn (all), soybeans, small grains, forage grasses grown for seed only, beans (edible), cotton, or sorghum for one year following application.

DO NOT ADD ADDITIONAL SURFACTANT since this formulation contains sufficient wetting agents for the purposes described.

Mix only with clean water. Reduced results may be expected if water containing soil is used, such as water from ponds and unlined ditches.

NOTE

Application of this product may irritate development of stinging eyes.

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

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

AERIAL APPLICATION

Apply the recommended rates of this product in 10 or more gallons of water per acre with either air plane or helicopter aerial spray equipment.

AVOID DRIFT — Avoid direct application or drift to any body of water. Do not apply when winds are gusty or under other conditions which will allow drift. Applications in wind conditions in excess of 5 MPH are not recommended. Do not apply when wind speed is in excess of 15 MPH. Drift may cause damage to any vegetation contacted to which leaf fall is not intended.

In order to reduce the drift hazard to non target plants when treating sugarcane fields, avoid applying this product within 50 feet of any fields not growing sugarcane.

Course sprays are less likely to drift, therefore do not use nozzles or nozzle configurations which dispense 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 overlapped application, use appropriate marking devices.

MIXING INSTRUCTIONS

To achieve the best spray mix, proceed as follows:

1. Place a wetting basket over the filling spout and make all additions through it.
2. Fill the sprayer or nurse tank one half full with water. Begin agitation.
3. Add the recommended amount of this product. Continue agitation.

4. Complete filling the sprayer tank with the required amount of water. Maintain agitation until contents are sprayed.

DIRECTIONS FOR USE

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

When applied as directed under the conditions described, this product will hasten ripening and extend the period of high sucrose levels in sugarcane. See the following use instructions for recommended rates and time of application for the state in which applications are to be made.

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 0.3 to 0.7 pounds of this product per acre 3 to 6 weeks before harvest of LAST RA TOON CANE ONLY.

HAWAII — Apply 0.5 to 1.2 pounds of this product per acre 4 to 10 weeks before harvest.

LOUISIANA — Apply 0.3 to 0.7 pounds of this product per acre 3 to 6 weeks before harvest of LAST RA TOON CANE ONLY.

TEXAS — Apply 0.3 to 0.7 pounds of this product per acre 3 to 6 weeks before harvest of LAST RA TOON CANE ONLY.

Trademark of Monsanto Company

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

EPA Est. 524 MO-1

2099 02/530



MONSANTO COMPANY
AGRICULTURAL PRODUCTS
ST. LOUIS, MISSOURI 63166 U.S.A.

LIMIT OF WARRANTY

This company warrants to the chemical description only for the purpose described herein. In accordance with those conditions described herein, IMPLIED WARRANTY OF PURPOSE OR MERCHANTABILITY is also subject to the conditions stated herein.

Buyer and all users shall be liable for any claims, damages, strict liability, or

Buyer and all users are liable for damage from use or handling under conditions beyond the control of the manufacturer, including but not limited to unusual weather (i.e., outside the range of conditions for which the product is intended), and if weather perils, hurricanes, tornadoes or other natural disasters in any manner not contemplated in the directions, moisture content range specified in the label of products other than those listed in or on the soil or

THE EXCLUSIVE REMEDY AND THE LIMIT OF THE COMPANY OR ANY OTHER SELLER'S LIABILITY SHALL BE THE PRODUCT INVOLVED, OR THE QUANTITY IN NO EVENT OR ANY OTHER SELLER'S LIABILITY OR CONSEQUENTIAL DAMAGES.

The buyer and all users are bound by the terms of this LIMITED WARRANTY which may not be written agreement.

STATEMENTS

Domestic Animals
Children.

Do not use on clothing
or bedding.

Immediately flush
at least 15 minutes
with water. Wash

Hazards

Do not use on
steel aluminum
or steel containers

**THIS PRODUCT OR
CONTAINER SHOULD NOT
BE REUSED FOR OTHER
PURPOSES (EXCEPT STAIN
SPRAY TANKS). THIS
PRODUCT REACTS WITH
SOME METALS TO FORM
EXPLOSIVE MIXTURES.
DO NOT USE NEAR
OPEN FLAME, CIGARETTE
OR OTHER**

Flammable liquid
and vapors. Do not
use near open flame,
cigarette or other
sources of ignition.
Do not use in confined
spaces. Do not use
near electrical
equipment.

Do not use on
equipment.

Do not use on
foodstuffs
when empty.

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.

This product increases the sucrose content of existing suckers, while reducing the size and number of new suckers.

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

Do not apply to any crops other than sugarcane. Rainfall within 6 hours after application may reduce effectiveness.

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

Keep container closed to prevent spills and contamination.

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Mix only with clean water. Reduced results may be expected if water containing soil is used, such as water from ponds and unlined ditches.

NOTE

Application of this product may initiate development of shooting eyes.

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AERIAL APPLICATION

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AVOID DRIFT — Avoid direct application or drift to any body of water. Do not apply when winds are gusty or under other conditions which will allow drift. Applications in wind conditions in excess of 5 MPH are not recommended. Do not apply when wind speed is in excess of 15 MPH. Drift may cause damage to any vegetation contacted to which treatment is not intended.

In order to reduce the drift hazard to non-target plants when treating sugarcane fields, avoid applying this product within 50 feet of any fields not growing sugarcane.

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 overlapped application, use appropriate marking devices.

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FLORIDA — Apply 0.3 to 0.7 pounds of this product per acre 3 to 6 weeks before harvest of EAST RA TOON CANE ONLY.


HAWAII — Apply 0.5 to 1.2 pounds of this product per acre 4 to 10 weeks before harvest.

LOUISIANA — Apply 0.3 to 0.7 pounds of this product per acre 3 to 6 weeks before harvest of EAST RA TOON CANE ONLY.

TEXAS — Apply 0.3 to 0.7 pounds of this product per acre 3 to 6 weeks before harvest of EAST RA TOON CANE ONLY.

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EPA Est. 524 MO 1 2699 02/570

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AGRICULTURAL PRODUCTS
ST. LOUIS, MISSOURI 63166 USA

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 ("Directions"), when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS 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, unusual weather (i.e. weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied with the normal range being determined on the basis of the average range for the prior 40 years, computed from the best available information, and "i" weather perils, including but not limited to hurricanes, tornadoes and floods) as well as weather considerations set forth in the Directions, application in any manner not explicitly set forth in the 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 or crop.

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 OR CONSEQUENTIAL DAMAGES.

The 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.

Part 2 of 2 labels