

PI 125

524-296

Spec 1 of 22



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

FEB 2 · 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

DR. RUSSELL P. SCHNEIDER
MONSANTO COMPANY
AGENT FOR: MONSANTO AGRICULTURAL CO.
700 14TH STREET, N.W. SUITE 1100
WASHINGTON, D.C. 20005

Subject: Label Amendment Submission of 7/21/93 In Response to PR Notice 93-7
EPA Reg. No. 524-296
LASSO II GRANULAR HERBICIDE BY MONSANTO

IMPORTANT NOTICE: This Letter Requires You to Submit a Notification to the Office
of Compliance Monitoring within 20 Days.

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments listed on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

SERIOUS ERROR(S) ON SUBMITTED LABELING:

EPA has determined that one or more of the errors on the labeling you submitted to the Agency is categorized as "serious" as defined in PR Notice 93-11. In general, serious errors are those that may create a potential for harm to workers, handlers, other persons, or the environment; or those that prevent the achievement of the basic goals of the Worker Protection Standard (WPS) or FIFRA.

YOU MUST NOT SELL OR DISTRIBUTE (INCLUDING RELEASE FOR SHIPMENT) ANY PRODUCT BEARING THE SUBMITTED LABELING. Sale or distribution of any product with the incorrect labeling is a violation of FIFRA that could result in initiation of an action for civil penalties and/or cancellation of your product. This matter has been referred to the Office of Compliance Monitoring (OCM) for further action.

YOU MUST SUBMIT A NOTIFICATION TO THE OFFICE OF COMPLIANCE MONITORING WITHIN 20 DAYS OF THE DATE OF THIS LETTER.



Recycled/Recyclable
Printed with Soy/Canola ink on paper that
contains at least 50% recycled fiber

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Each notification must include the following information:

1. Registrant's name and address.
2. EPA Registration number of the product for which the labeling was submitted.
3. Whether any product already has been sold or distributed (this includes released for shipment) bearing the submitted labeling.

In addition, the notification must include the following information, IF you have already sold or distributed any product bearing the submitted labeling:

1. Quantity of the product that has been sold or distributed.
2. EPA Producing Establishment number.
3. Location of the product, if known.
4. Proposed plan for assuring that product with the incorrect labeling in your control, as well as that in the hands of dealers/distributors/users, will be corrected. The plan must include your proposal for assuring that the labeling is corrected as soon as possible.

Submit the notification to:

Michael Wood, Director
 Compliance Division, (7203)
 Worker Protection Notification
 Office of Compliance Monitoring
 U.S. Environmental Protection Agency
 401 M Street SW
 Washington, DC 20460

Failure to submit a notification also may result in initiation of an action under FIFRA for civil penalties, if you sold or distributed (this includes released for shipment) product bearing the incorrect labeling.

IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the WPS labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have neither been reviewed nor accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Submit the required notification. Then by the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling as amended

AND

- WITHIN one year from date of this acceptance.

Submit the final printed labeling via the U.S. Postal Service to:

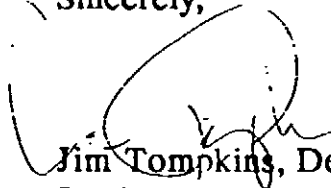
Document Processing Desk (FIN-LABEL)
 Office of Pesticide Programs (7505C)
 U.S. Environmental Protection Agency
 401 M Street, SW
 Washington, D.C. 20460-0001

4/8/22

Hand or courier deliveries of final labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

cc: Office of Compliance Monitoring

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5/7/92

**LASSO® II
HERBICIDE BY MONSANTO**

**POWER
GRANULES**

Selective herbicide for preemergence weed control in corn, soybeans, peanuts and woody ornamentals.

RESTRICTED USE PESTICIDE

due to oncogenicity. 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.

The use of this product may be hazardous to your health. This product contains alachlor, which has been determined to cause tumors in laboratory animals.

In case of an emergency involving this product or for user safety information on this product, call collect, day or night (314) 694-4000.

COMPLETE DIRECTIONS FOR USE

EPA Reg. No. 524-296

1993-1

843.77-000.47-1M

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•Lasso is a registered trademark of Monsanto Company

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

FEB 24 1993

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

524-296

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.

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 OF 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, 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 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.

WARNING!

[REDACTED]

CAUSES EYE IRRITATION.

MAY CAUSE RESPIRATORY TRACT IRRITATION.

MAY CAUSE ALLERGIC SKIN REACTION.

Do not get in eyes, on skin or on clothing.

Avoid breathing dust.

~~Wash thoroughly with soap and water after handling.~~

~~Wear goggles or face shield, rubber gloves, long trousers, long sleeved shirt or jacket of tightly woven material along with boots high enough to cover ankles when loading and when adjusting, repairing or cleaning equipment. Clothing which comes in contact with Lasso must be washed before reuse.~~

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

IF ON SKIN, immediately flush with plenty of water while removing contaminated clothing. As soon as soap is available, wash thoroughly with soap and water. Wash clothing before reuse. Sensitized persons should avoid further contact and reuse of contaminated clothing. Get medical attention.

IF INHALED, remove individual to fresh air. Get medical attention if breathing difficulty develops.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

User 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.

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

ENVIRONMENTAL HAZARDS

This chemical has been identified in limited ground water sampling and there is the possibility that it can leach through the soil to ground water, especially where soils are coarse and ground water is near the surface. Following application, and during rainfall events that cause runoff, this chemical may reach surface water bodies including streams, rivers and reservoirs.

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

ACTIVE INGREDIENT:

Alachlor: 2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide.....15¢
 INERT INGREDIENTS.....85¢
 100¢

Contains petroleum distillates.

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 manner that will contact or drift on other persons, either directly or through drift. Only protected handlers may be in the area at the time of application. For any requirement specific to your state or tribe, consult the agency responsible for pesticide regulation.

Application 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 intervals. 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 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 they will be no contact with anything that has been treated.

PPE required for early entry into treated areas that are restricted under the Worker Protection Standard: long-sleeved shirt and long pants; chemical-resistant gloves plus socks, and protective eyewear.

Storage and Disposal

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

STORAGE:

Below 32°F this product can cake. If product cakes, place in warm, dry area until product uncakes.

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 cleaned or destroyed.

Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

This product is recommended for control of yellow nutsedge and the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label. This product may be applied either as a surface application prior to or after planting or shallowly incorporated prior to planting to blend the herbicide treatment into the upper 1/2 to 2 inches of soil. Except for minimum or conservation tillage systems, the seedbed should be fine, firm and free of clods and trash.

Performance is improved when moisture occurs within one week after application. The amount required depends primarily upon the amount of soil moisture in the weed germination zone at the time of application, soil type and organic matter content, but 1/3 to 3/4 inch is generally sufficient for performance of this product. High intensity or excessive rainfall or excessive irrigation after application may reduce control. This product will not control emerged seedlings.

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.

SOIL TEXTURE

Applicators should evaluate soil and weed conditions carefully to assure that they choose the lowest effective label rate.

The recommended use rates of this product generally vary with soil texture. Unless soil texture is specifically named, rate tables throughout this label refer to only three soil textural groups: coarse, medium and fine. The following is a listing of the soil textures included in each of these three soil textural groups:

SOIL TEXTURAL GROUP	SOIL TEXTURE
COARSE:	sand, loamy sand, sandy loam
MEDIUM:	loam, silt loam, silt, sandy clay loam
FINE:	silty clay loam, clay loam, sandy clay, silty clay, clay

Refer to the above table to determine the corresponding soil textural group for the soil to be treated.

DO NOT BAND apply this product on COARSE textured soils.

**HANDLING
INSTRUCTIONS**

NOTE

Direct contact or exposure to this product should be minimized. The following instructions for loading and repairing equipment should be followed in order to minimize this exposure. Review the protective clothing requirements as listed in the Precautionary Statements section of this label and do not use this product until you have the necessary protective clothing.

Equipment Cleaning and Repair

Cleaning and repair of application equipment is a source of exposure to this product. Care should be taken to minimize exposure during cleaning and repair of application equipment. Whenever possible, this equipment should be rinsed before being cleaned or repaired. When repairs must be made during application, the equipment should be shutdown, and special care should be taken to avoid contact with the pesticide.

**APPLICATION INFORMATION
APPLICATION SYSTEMS**

Ground Broadcast Treatment--Apply the recommended rates of this product per acre. Use broadcast applicators that can apply small amounts of granules evenly.

Band Treatment (Behind Press Wheel only)--Use applicators designed for this purpose. Calculate the amount of granules per acre needed for band treatment as follows:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Broadcast Rate per acre} = \text{Band Rate per acre}$$

For example: If 26 pounds per acre are recommended for broadcast treatment and you wish to treat a band of 14 inches wide in crop rows spaced 38 inches apart:

$$\frac{14}{38} \times 26 = 9.6 \text{ pounds of granules needed for the band treatment}$$

NOTE: For application of this product do not rely on settings used for other granular herbicides.

Calibration--The following settings are only guidelines for calibration, they do not allow for equipment variation or wear. Check settings after initial calibration so that the proper rate is applied.

APPLICATOR	GRANULAR APPLICATOR SETTING			
	Broadcast Rate Per Acre			
	16 Pounds		20 Pounds	
	4 mph	5 mph	4 mph	5 mph
Allis Chalmers	2	2	3	3
Gandy (bolt-on)	12	13	13	15
(snap-on)	12	13	14	15
I.H. before 1981	1/9	2/2	2/2	2/6
1981 -- 1 gauge/hopper	1/9	2/1	2/1	2/4
2 gauges/hopper	2/0	2/2	2/2	2/6
John Deere --				
metal hopper	1/27	1/31	1/31	2/1
plastic hopper,				
-10, 20 etc. increment	13	15	15	19
-5, 15 etc. increment	11	13	13	15
Knob meter	18	21	21	27
Noble-hopper				

bottom hole ●	10	13	13	15
Noble and White-bottom hole ■	7	8	9	10
Buffalo				
Fluted-row feed	2.0	2.0	2.5	2.5
Plateless planter	8	10	10	13

GRANULAR APPLICATOR SETTING

Broadcast Rate Per Acre
23 Pounds 26 Pounds

APPLICATOR	4 mph	5 mph	4 mph	5 mph
Allis Chalmers	4	4	4	4
Gandy (bolt-on)	14	17	16	18
(snap-on)	15	16	16	17
I.H. before 1981	2/4	2/9	2/6	3/5
1981 -- 1 gauge/hopper	2/3	2/6	2/5	2/8
2 gauges/hopper	2/4	2/8	2/6	3/1
John Deere --				
metal hopper	1/33	2/4	2/2	2/6
plastic hopper,				
-10, 20 etc. increment	17	21	19	24
-5, 15 etc. increment	14	16	15	17
Knob meter	25	31	28	35
Noble-hopper				
bottom hole ●	14	17	16	19
Noble and White-bottom hole ■	10	12	11	13
Buffalo				
Fluted-row feed	3.0	3.0	3.5	3.5
Plateless planter	12	15	13	18

It is important that the applicator be calibrated properly to deliver the desired amount of this product. To calibrate, set the applicator and attach a bag over the spreader plate or remove the delivery tube and attach a plastic nursing bottle over the spout. Operate at a constant speed on terrain to be planted. Four to 5 mph is suggested. For a 14-inch band, collect the granules for 500 linear feet (583 sq. ft. area) and measure the VOLUME or WEIGHT collected. Tap plastic nursing bottle or other measuring container gently to settle the granules when taking a reading.

Refer to the following table to determine the broadcast rate per acre for the amount collected. If necessary adjust the application equipment so that each spout dispenses the proper amount.

Broadcast Rate Per Acre	Volume Collected in 500 linear feet for a 14 inch band	Weight Collected in 500 linear feet for a 14 inch band
16 lb.	4.4 fl. oz.	3.4 oz.
20 lb.	5.6 fl. oz.	4.3 oz.
23 lb.	6.4 fl. oz.	4.9 oz.
26 lb.	7.2 fl. oz.	5.6 oz.

For other band widths calculate the calibration distance as follows:

$$\frac{14 \text{ inches}}{\text{Band width in inches}} \times 500 = \text{Calibration distance in linear feet.}$$

APPLICATION TIMING AND METHODS

Preemergence Surface Application - This product may be applied to the soil surface after planting and prior to either crop or weed emergence. Apply within 5 days of last preplant tillage. If weeds emerge after treatment, or if treatment is applied more than 5 days after last preplant tillage, rotary hoe or shallowly cultivate immediately to improve performance. Precipitation or overhead sprinkler irrigation is required after application to move the herbicide treatment into the weed germination zone. The amount of precipitation or overhead sprinkler irrigation required depends on existing soil moisture, soil type and percent organic matter content, but 1/3 to 3/4 inch is normally adequate. Performance is improved when moisture is received within 7 days after application and prior to weed emergence. High intensity or excessive rainfall or excessive irrigation after application may reduce control.

CULTIVATION INFORMATION

If grass or weed seedlings emerge before it rains, rotary hoeing will improve performance.

If cultivation is necessary because of soil crusting or compaction, tillage should be shallow to minimize dilution of this herbicide.

Except for the above, as long as the grasses and weeds are controlled, delay cultivation as long as possible.

Only after weeds emerge in the treated band, set cultivator to throw soil into the row covering the band. On peanuts, do not throw soil into the row.

WEEDS CONTROLLED

Applicators should evaluate soil and weed conditions carefully to assure that they choose the lowest effective label rate.

When applied as directed under the conditions described, this product **CONTROLS** the following weeds:

ANNUAL GRASSES

Barnyardgrass

Echinochloa crus-galli

Crabgrass

Digitaria ischaemum

Digitaria sanguinalis

Foxtail, robust

Setaria viridis

Foxtail, giant

Setaria faberi

Foxtail, green

Setaria viridis

Foxtail, yellow

Setaria lutescens

Goosegrass

Eleusine indica

Panicum, browntop

Panicum fasciculatum

Panicum, fall

Panicum dactyloides

Signalgrass, broadleaf

Brachiaria spp.

Sprangletop, red

Leptochloa filiformis

Witchgrass

Panicum capillare

ANNUAL BROADLEAVES

Carpetweed

Mollugo verticillata

Galinsoga

Galinsoga spp.

Groundcherry, cutleaf¹

Physalis angulata

Nightshade, black¹

Solanum nigrum

Nightshade, hairy¹

Solanum sarrachoides

Pigweed, Carelessweed

Amaranthus spp.

Purslane

Portulaca oleracea

Pursley, Florida

Richardia scabria

Waterhemp

Amaranthus tuberculatos

¹Use a minimum of 17 pounds of this product per acre on coarse soils, or 20 to 26 pounds of this product on medium and fine soils for control of this weed.

When applied immediately after planting, under the conditions described, this product at a rate of 17 to 26 pounds per acre on a broadcast basis REDUCES COMPETITION from the following hard-to-control weeds:

ANNUAL GRASSES

Cupgrass, woolly

Eriochloa villosa

Johnsongrass, seedling
Sorghum halepense

Panicum, Texas
Panicum texanum

Sandbur, Grassbur
Cenchrus incertus

Shattercane, wild cane
Sorghum bicolor

ANNUAL BROADLEAVES

Beggarweed, Florida
Desmodium tortuosum

Lambsquarters
Chenopodium album

Morningglory, smallflower
Jacquemontia tamnifolia

Ragweed, common
Ambrosia artemisiifolia

Smartweed
Polygonum pensylvanicum
Polygonum persicaria

Sida, spiny; Teaweed
Sida spinosa

Starbur, bristly
Acanthospermum hispidum

SEDGES

Nutsedge, yellow
Cyperus esculentus

CORN
(Field corn, Hybrid Seed Corn, Silage Corn, Sweet Corn)

When making applications on corn, do not exceed a total of 26 pounds of this product per acre per year.

LASSO® II

Apply this product for control of yellow nutsedge and the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom; banded

Reference: The "APPLICATION SYSTEMS" section of this label provides detailed information on the application of this product using the system selected.

APPROVED APPLICATION METHOD

Preemergence Surface - Apply this product after planting, before crop and weed emergence and within 5 days after last preplant tillage operation. See the following tables for recommended broadcast and banded rates per acre for preemergence surface applications.

Reference: The "APPLICATION TIMING AND METHODS" section of this label provides detailed information and procedures for the application timing and method selected.

Applicators should evaluate soil and weed conditions carefully to assure that they choose the lowest effective label rate.

For control of listed annual grasses and broadleaf weeds apply after planting and before crop or weeds emerge. For band treatment apply granules behind the press wheel. See table below for recommended rates on various soil textures.

Preemergence Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)**	
	Less than 3% organic matter	3% or more organic matter
Coarse***	13 to 15	13 to 15
Medium	13 to 18	13 to 18
Fine	13 to 18	17 to 22

*Refer to the "SOIL TEXTURE" section of this label to determine the corresponding soil textural group for the soil to be treated.

****Use the higher rate in the recommended range in areas of heavy weed infestation. Use a minimum of 17 pounds per acre on coarse soils and 20 to 26 pounds on medium and fine soils to control black or hairy nightshade.**

*****When applied under sprinkler irrigation on coarse soils, use a minimum of 20 pounds per acre of this product.**

For Lister or Deep Furrow Planted Corn

Broadcast Treatment--Apply at the rate of 16 pounds per acre.

Band Treatment (Behind Press Wheel)--For a 10 inch band treatment over the row (40 inch spacing) apply 4 pounds per acre. For a 7 inch band treatment over the row (40 inch spacing), apply 2.8 pounds per acre.

If heavy rains follow application, weed control on the top and sides of the furrow may not be as good as that obtained in the bottom of the furrow.

Where deep lister planting is practiced, only partial weed control can be expected on steep furrow sides. It is suggested that a 7 inch band be applied at the bottom of the furrow. Better results can be expected where the granules lie on an even flat surface which is not subject to shifting by wind or rain.

For Furrow Irrigated Corn

This product must be incorporated into the soil by harrow, finger weeder or rotary hoe. Shallow incorporation of at least 1/2 inch but not more than 2 inches may result in unsatisfactory weed control. Incorporation deeper than 2 inches may result in unsatisfactory weed control. Incorporation depth must be kept above the seed. Soil moisture at application must be sufficient for crop and weed emergence. Irrigation within 10 days following planting may improve weed control. See the table above for recommended rates.

SOYBEANS

When making applications on soybeans, do not exceed a total of 20 pounds of this product per acre per year.

LASSO® II

Do not feed forage, hay or straw from soybeans treated with this product. Do not ensile soybeans treated with this product.

Apply this product for control of yellow nutsedge and the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

APPROVED APPLICATION SYSTEMS

GroundBroadcast boom; banded

Reference: The "APPLICATION SYSTEMS" section of this label provides detailed information on the application of this product using the system selected.

APPROVED APPLICATION METHODS

Preemergence SurfaceApply this product after planting before crop and weed emergence and within 5 days after last preplant tillage operation.

NOTE: The highest levels of weed control will be obtained when applications are made prior to the emergence of the crop and weeds.

Weeds which are emerged at time of application are not controlled by this product. If weeds are emerged at application shallowly cultivate or rotary hoe immediately to improve performance.

Reference: The "APPLICATION TIMING AND METHODS" section of this label provides detailed information and procedures for the application timing and methods selected.

RECOMMENDED RATES: Refer to the following tables for the recommended broadcast treatment rates for this product. Applications which are not consistent with recommendations in this label may result in unsatisfactory weed control or crop injury.

Preemergence Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)**	
	Less than 3% organic matter	3% or more organic matter
Coarse***	13 to 15	13 to 15
Medium	13 to 18	13 to 18
Fine	13 to 18	17 to 20

*Refer to the "SOIL TEXTURE" section of this label to determine the corresponding soil textural group for the soil to be treated.

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****Use the higher rate in the recommended range in areas of heavy weed infestation. Use a minimum of 17 pounds per acre on coarse soils and 20 pounds on medium and fine soils to control black or hairy nightshade.**

*****When applied under sprinkler irrigation on coarse soils, use 20 pounds per acre of this product.**

For Furrow Irrigated Soybeans

This product must be incorporated into the soil by harrow, finger weeder or rotary hoe. Shallow incorporation of at least 1/2 inch but not more than 2 inches may result in unsatisfactory weed control. Incorporation deeper than 2 inches may result in unsatisfactory weed control. Incorporation depth must be kept above the seed. Soil moisture at application must be sufficient for crop and weed emergence. Irrigation within 10 days following planting may improve weed control. See the table above for recommended rates.

PEANUTS

Broadcast--Apply 20 pounds of this product per acre, from immediately after planting and until either crop or weeds emerge. NOTE: Hard-to-control weeds require 23 to 26 pounds per acre.

NOTE: Do not feed forage or hay from treated crop.

WOODY ORNAMENTALS

Field and Liner Grown Ornamentals

Use in **Cotoneaster** (Cotoneaster spp.), **Crabapple** (Malus spp.), **Dogwood** (Cornus spp.), **Euonymus** (Euonymus spp. shrub spp. only), **Holly** (Ilex spp.), **Juniper** (Juniperus spp.) and **Yew** (Taxus spp.).

Container Grown Ornamentals

Use in **Holly** (Ilex spp.) and **Juniper** (Juniperus spp.).

DO NOT USE IN GREENHOUSES OR OTHER ENCLOSED STRUCTURES.

NOT RECOMMENDED FOR DOMESTIC APPLICATION, EXCEPT BY CERTIFIED APPLICATORS.

When applied as directed under the conditions described, this product controls the weeds listed on this label in newly planted or established field and container grown woody ornamentals.

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DO NOT USE THIS PRODUCT ON SEEDBEDS, UNROOTED CUTTINGS OR PRIOR TO TRANSPLANTING. DO NOT APPLY THIS PRODUCT TO PLANTS WHOSE FOLIAGE IS MOIST OR WET AS GRANULES MAY STICK TO THIS FOLIAGE AND CROP INJURY MAY RESULT. OVERHEAD IRRIGATION APPLIED WITHIN ONE HOUR AFTER APPLICATION WILL WASH GRANULES OFF THE FOLIAGE AND INJURY WILL BE MINIMIZED.

Broadcast Treatment--Apply this product at a broadcast rate of 27 pounds per acre anytime after transplanting and before weeds emerge or after existing weeds have been removed. See the "WEED CONTROL" and "CULTIVATION INFORMATION" sections of this label for further information. Repeat applications of this product may be required for sustained long-term weed control. Do not exceed 2 applications or a total of 40 pounds of this product per year.

NOTE: Plant injury symptoms (leaf tip burn, discoloration, distortion, etc.) may occur with applications of this product to actively growing woody ornamentals. Do not retreat within twenty-one (21) days.

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

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