



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

524-296

Date of Issuance:

NOV 19 2003

Term of Issuance:

Unconditional

Name of Pesticide Product:

Lasso II Herbicide

NOTICE OF PESTICIDE:

 Registration
 X Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Monsanto Company
600 13th Street, N.W. Suite 660
Washington, DC 20005

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above, with following provisions.

1. Under "Storage and Disposal" revise "Storage" to read "Pesticide Storage", and add the heading "Container Disposal".
2. For consistency replace the last paragraph under "Use Precautions and Restrictions" with "Do not apply to highly permeable, (as classified by USDA Natural Resources Conservation Service where the depth to ground water is 30 feet or less."
3. Throughout your label replace "recommended rates" with "application rates".

Enclosed is a copy of your label stamped "Acceptable With Comments". This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain registration of your product.

Signature of Approving Official:

Date:

NOV 19 2003

RESTRICTED USE PESTICIDE
due to groundwater concerns. 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.

LASSO® II
HERBICIDE BY MONSANTO

POWER
GRANULES

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

While alachlor has produced tumors in laboratory animals, extensive studies have established that alachlor is unlikely to be human carcinogen at low levels of exposure. However, even when used according to label directions, some exposure will result. Therefore, users must read and follow all Precautionary Statements, Environmental Hazards, and Directions For Use to minimize exposure to this product.

**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

®Lasso is a registered trademark of Monsanto Technology LLC.

MONSANTO COMPANY

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! 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).

Causes substantial but temporary eye injury. Harmful if inhaled. Do not get in eyes or on clothing. Avoid breathing dust. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. This product may cause skin sensitization reactions in some people.

Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

Lasso II 1994-1 Revised

ACCEPTED
with COMMENTS
In EPA Letter Dated:

4/19/96

NOV 19 2003

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
524-296

4/19

FIRST AID
<p>If in eyes</p> <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
<p>If inhaled</p> <ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth if possible. • Call a poison control center or doctor for further treatment advice.
<p>NOTE TO PHYSICIAN</p> <ul style="list-style-type: none"> • This product may post an aspiration pneumonia hazard. Contains petroleum distillate. • Probable mucosal damage may contraindicate the use of gastric lavage.

Personal Protective Equipment (PPE)

- **Loaders, applicators and other handlers must wear:** Long-sleeved shirt and long pants
- Shoes and socks
- Goggles or face shield
- Chemical resistant gloves made of any waterproof material

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.

User Safety Recommendations
User should:
<ul style="list-style-type: none"> • 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.

Have the product container or label with you when calling a
poison control center or doctor or going for treatment.

ENVIRONMENTAL HAZARDS

This chemical is toxic to fish and aquatic invertebrates.

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Cover or incorporate granules that are spilled during loading or are visible on soil surface in turn areas.

Alachlor can contaminate surface water through spray drift. Under some conditions, alachlor may also have a high potential for runoff into surface water (primarily via dissolution in runoff water), for several weeks post-application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas over-laying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water. Do not apply to water or areas where surface water is present, or to intertidal areas below the mean high water mark.

This chemical and/or its soil degradates are known to leach through soil into ground water under certain conditions as a result of registered uses. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

Do not apply to highly permeable soils, (as classified by the USDA Natural Resources Conservation Service) where the depth to ground water is 30 feet or less.

Do not contaminate water when disposing of equipment washwaters or rinsate.

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 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 requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply more than 4 pounds of active ingredient per acre per year.

Rotation to crops not specified on the label is prohibited.

Agricultural Use Requirements

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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 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 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; chemical-resistant gloves made of any waterproof material; and shoes plus socks..

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

Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed 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 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.

USE PRECAUTIONS AND RESTRICTIONS

This product may not be mixed or loaded within 50 feet of perennial or intermittent streams and rivers, natural or impounded lakes and reservoirs. This product may not be mixed/loaded or used within 50 feet of all wells, including abandoned wells (unless the well has been properly capped or plugged), drainage wells, and sink holes. Operations that involve mixing, loading rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or wash-water, and rain water that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain, at a minimum, 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above-specified minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site.

Users are advised to not apply this product to highly permeable soils (as classified by the USDA Natural Resources Conservation Service) where the water table (ground water) is close to the surface and where these soils are well drained.

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:

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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:

Band width	Broadcast	Band
<u>in inches</u>	X Rate	= Rate
Row width	per acre	per acre
in inches		

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:

$\frac{14}{38} \times 26 = 9.6$ 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.

GRANULAR APPLICATOR SETTING

APPLICATOR	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

APPLICATOR	Broadcast Rate Per Acre			
	23 Pounds		26 Pounds	
	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 dichotomifloru

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

¹ Use 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*	<u>BROADCAST RATE PER ACRE (POUNDS)**</u>	
	Less than 3% organic matter	3% or more organic matter
Coarse***	13 to 15	13 to 15

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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

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 METHODS

Preemergence Surface—Apply 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*	<u>BROADCAST RATE PER ACRE (POUNDS)**</u>	
	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.

** 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

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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.

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.

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. Do not apply more than 4 pounds of active ingredient per acre 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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