

PM 25: 524-403

18 75

AUG 31 1992

Dr. Nancy L. Yates-Parker
Monsanto Company
700 14th Street NW., Suite 1100
Washington, DC 20005

Dear Dr. Yates-Parker:

Subject: Lasso Micro-Tech WDG Herbicide (Add Instruction for
Dry Fertilizer Impregnation)
EPA Registration No. 524-403
Your Application Dated June 15, 1992

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) or 4(a) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- The last paragraph of the "Environmental Hazard" section should be changed to read as follows:

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.

The MRID assigned the data submitted with this submission is 42367001. This data has been added to the files.

BEST AVAILABLE COPY

56094:I:WP50:Taylor:WP25-4:KEVRIC:08/26/92:09/24/92

CONCURRENCES

SYMBOL	H2052						
SURNAME	NK Walker						
DATE	8/31/92						

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Robert J. Taylor
Product Manager (25)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

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LASSO®MICRO-TECH®WDG
Herbicide by Monsanto

Herbicide for weed control in corn, soybeans, and crops listed.

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

Lasso® and Micro-Tech® are a registered trademarks of Monsanto Company.
Lasso® Micro-Tech® WDG is referred to throughout these instructions as "Lasso".

EPA Reg. No. 524-403

~~1991-1~~ 1992-1

A843.12-000.26/53

Read each of these sections of this label for essential product performance information.

PRECAUTIONARY STATEMENTS

GENERAL INFORMATION

MIXING, SPRAYING AND
HANDLING INSTRUCTIONS

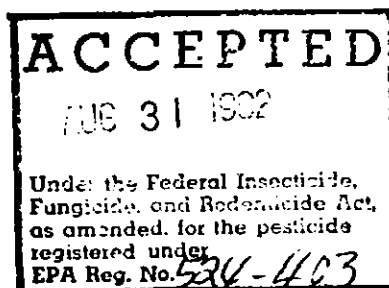
FLUID FERTILIZER
COMPATIBILITY TEST

APPLICATION INFORMATION

CULTIVATION INFORMATION

WEED CONTROL WITH Lasso®

CROPS



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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 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.

(INDEX PAGES)

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**Hazards to Humans
and Domestic Animals**

Keep out of reach of children.

CAUTION!

MAY CAUSE EYE IRRITATION.

MAY CAUSE ALLERGIC SKIN REACTION.

Avoid contact with eyes, skin and clothing.

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 transferring and mixing and when adjusting, repairing or cleaning equipment. Clothing which comes in contact with Lasso must be washed before reuse.

Wash thoroughly with soap and water after handling.

FIRST AID: IF IN EYES, immediately flush with plenty of water for at least 15 minutes. Get medical attention.

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.

In case of an 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.

Care must be taken when using this product to prevent back siphoning into wells, spills or improper disposal of excess pesticide, spray mixtures or rinsates.

Check valves or antisiphoning devices must be used on all mixing equipment. Disposal of excess pesticide, spray mixtures or rinsate should be according to label use instructions or according to the state pesticide or environmental control agency or the hazardous waste representative at the nearest EPA regional office.

Do not apply directly to water or wetlands. Do not contaminate water when disposing of equipment washwaters.

Physical or Chemical Hazards

In case of:

SPILL OR LEAK, remove and keep away from humans and domestic animals.

ACTIVE INGREDIENT:

*Alachlor	66.7%
INERT INGREDIENTS:.....	<u>33.3%</u>
	100.0%

*Contains 667 grams/kilogram or 10.67 ounces/pound of 2-chloro-2'-6'-diethyl-N-(methoxymethyl) acetanilide.

Protected by U.S. Patent No. 4,280,833 and No. 4,417,916. Patent application pending.

DIRECTIONS FOR USE

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

Storage and Disposal

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

STORAGE:

NOT SUBJECT TO FREEZING.

Product can be stored under either heated or unheated conditions.

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 product residue. Observe all labeled safeguards until container is destroyed.

Completely empty bag into application equipment. Then dispose of empty bag and box 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

Lasso® herbicide is recommended for control of yellownutsedge 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 after planting or shallowly incorporated prior to planting to blend the herbicide treatment into the upper 1 to 2 inches of soil. Except for minimum or conservation tillage systems, the seedbed should be fine, firm and free of clods and trash.

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Read and carefully observe precautionary statements and all other information appearing on the labeling of all products used in mixtures and sequential treatments.

Do not flood irrigate following application of this product or tank mixtures. This product will not control emerged seedlings.

Do not apply when conditions favor drift.

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.

Flush sprayer with clean water after use.

•Lasso is a trademark of Monsanto Company.

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 and the other herbicides labeled for use in tank mixtures with this product generally vary with soil texture. Unless soil texture is specifically named, rate tables throughout this label refer to only three soil texture groups: coarse, medium and fine. The following is a complete listing of soil textures included in each of these three soil texture 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.

MIXING, SPRAYING AND HANDLING INSTRUCTIONS

Direct contact or exposure to Lasso or spray mixtures of Lasso should be minimized. The following instructions for location and repairing equipment should be in order to minimize this exposure. Review the protective clothing requirements as listed in the "PRECAUTIONARY STATEMENTS" section of this label (front panel) and do not use this product until you wear the necessary protective clothing.

Equipment Cleaning & Repair

Cleaning and repair of transfer systems and 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, these systems or equipment should be rinsed before being cleaned or repaired. When repairs must be made during transfer or application, the equipment should be shutdown, and special care taken to avoid contact with the pesticide.

Always predetermine the compatibility of Lasso or labeled tank mixtures of Lasso with water carrier or sprayable fluid fertilizer carrier by mixing small proportional quantities in advance. See the "STANDARD SPRAYABLE FLUID FERTILIZER COMPATIBILITY TEST" section in this label to determine the compatibility of this product and the labeled tank mixtures recommended for use with sprayable fluid fertilizer carrier.

NOTE: Lasso and all tank mixtures listed for corn and soybeans in the "DIRECTION FOR USE" section may be applied in sprayable fluid fertilizers. DO NOT apply Lasso or labeled tank mixtures of Lasso in sprayable fluid fertilizers on any other crops.

Mix Lasso or labeled tank mixture of Lasso with the appropriate carrier as follows:

1. Place a 20 to 35 mesh screen or wetting basket over filling port.
2. Through the screen, fill the sprayer tank one-half full with the appropriate carrier.
3. If a compatibility agent is necessary, add it to the carrier while maintaining agitation to improve mixing or to prevent the formation of undesirable and unsprayable gels or precipitates. Use only compatibility agents cleared by FDA for this use. Read and follow all directions for use, cautionary statements and all other information appearing on the selected compatibility agent label. Check for adequate agitation.
4. Remove the screen prior to adding this product to the spray tank. Mixing of water dispersible granule formulations in sprayable fluid fertilizer carriers may be enhanced by preslurrying with water and adding slowly through the screen into the tank. Continue agitation.
5. If a wettable powder or dry flowable formulation is used, make a slurry with water and add it slowly through the screen into the tank. Continue agitation.
6. If a flowable formulation is used, add slowly through the screen into the tank. Mixing and compatibility may be improved when the flowable is premixed one part flowable with one part water and added to the tank in diluted form.
7. Make a slurry of Lasso with water. Add it slowly through the screen into the tank.

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8. Complete filling the sprayer tank with carrier. If Gramoxone™ Super is used, add the required amount near the end of the filling process. Remove hose from tank immediately after filling to avoid siphoning back into the carrier source.

Maintain good agitation at all times until the contents of the tank are sprayed. NOTE: If spray mixture is allowed to settle at any time thorough agitation is required to resuspend the mixture before spraying is resumed.

Keep by-pass line on or near bottom of tank to minimize foaming. Screen size in nozzle or line strainers should be no finer than 50 mesh. Carefully select proper nozzle to avoid spraying a fine mist. Check for even distribution of spray droplets. To reduce loss of the chemical due to drift of a fine mist, apply at nozzle pressures below 40 psi.

™Gramoxone is a trademark of ICI Americas Inc.

STANDARD SPRAYABLE FLUID FERTILIZER COMPATIBILITY TEST

Herbicides may not always mix evenly throughout a sprayable fluid fertilizer or the components may separate too quickly to make their combined use of practical value. This may be due to certain characteristics of the different fluid fertilizers. A simple test using small quantities of the components is suggested to provide compatibility potential.

The test follows:

A. Materials Required For A Compatibility Test

1. Two one-quart jars with lid or stopper (marked "with" and "without").
2. TEAspoons (for a more exacting test, a five to ten milliliter (ml.) pipette or graduated cylinder is desirable).
3. Sprayable fluid fertilizer to be tested.
4. The herbicide chemicals to be mixed.
5. A compatibility agent (the purpose of the adjuvant is to help keep the fertilizer and crop protection chemical in suspension, if this assistance is needed.)

B. Procedure

1. Add one pint of the sprayable fluid fertilizer that will be used or other herbicide carrier to each jar marked "with" and "without".

Add One Pint Liquid Fertilizer
To Two Quart Jars.

WITH

WITHOUT

- To the jar marked "with", add 1/4 TEASpoon or 1.2 milliliters of a suitable compatibility agent; shake gently for five to ten seconds to mix (1/4 TEASpoon in one pint is the equivalent of two pints per 100 gallons of liquid fertilizer).

To Jar Marked "With"
Add Compatibility Agent
And Shake to Mix.

WITH

WITHOUT

- To each jar add the appropriate amount of herbicide(s) listed in the following tables. If more than one is used, add them separately with the wettable powders or dry flowables added first, flowables second and liquid last. Shake gently five to ten seconds after each addition.

Add Herbicide(s) To Both Jars
And Shake to Mix.

WITH

WITHOUT

Amount to Be
Added Per Pint Of
Sprayable Fluid Fertilizer
(Assuming Volume is 25 gal/A)

HERBICIDE	RATE/A	Level TEASpoons
WDG's	1 lb.	= 1.5
or	2 lb.	= 3
	3 lb.	= 4.5
Dry Flowables	4 lb.	= 6
	5 lb.	= 7.5

HERBICIDE	RATE/A	Level TEASpoons	Milliliters
Emulsifiable	1 pint	= 0.5	or 2.4
Concentrates or	1 quart	= 1	or 4.7
Flowables or	2 quarts	= 2	or 9.5
Liquids or	3 quarts	= 3	or 14.2
Solutions	1 gallon	= 4	or 19.0
	5 quarts	= 5	or 23.8

This compatibility test is designed for 25 gallons of spray per acre. For changes in spray volume or herbicide rates, make appropriate changes in the ingredients of the test. Regardless of spray volume, the amount of compatibility agent should be equal to two or three pints (two pints = 1/4 TEASpoon or 1.2 milliliters, three pints = 3/8 TEASpoon or 1.8 milliliters per pint of sprayable fluid fertilizer) per 100 gallons of liquid fertilizer.

C. Observations and Decisions

1. If the herbicide(s) and the sprayable fluid fertilizer are compatible.
2. If a compatibility agent is necessary.

Five minutes after the final addition and mixing, observe both jars for the formation of large flakes, sludge, gels or other precipitates. Observe if the herbicide(s) cannot be physically mixed with the liquid fertilizer but remains as small oily particles in the solution.

If incompatibility in any form described above occurs in the jar 'with' the compatibility agent added, the liquid fertilizer and the herbicide(s) should not be used together in the same spray tank.

If incompatibility as described above occurs in the jar 'without' the adjuvant but not in the jar 'with' adjuvant, the use of a compatibility adjuvant is recommended.

Both jars should be allowed to stand and be observed periodically for one-half hour. If the separate layers of liquid fertilizer and additives can be resuspended by shaking, commercial application is possible. An emulsifiable concentrate normally will go to the top after standing; WDG's or dry lowables will either settle to the bottom of the tank or jar, or float to the top, depending upon the density of the fertilizers.

If the herbicide(s) is compatible with fluid fertilizer in the foregoing test without having to use a compatibility agent, fluid fertilizer may be used for the premixing. If it is not compatible without the compatibility agent, the herbicide(s) should be premixed with water before adding to the spray tank.

**APPLICATION INFORMATION
APPLICATION SYSTEMS**

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

Ground Broadcast Treatment - Apply this product and the labeled tank mixtures in 15 or more gallons of solution per acre using broadcast boom equipment. The carrier may be either water or sprayable fluid fertilizer as specified for the crop to be treated in the 'DIRECTIONS FOR USE' section of this label. Do not apply during periods of gusty winds, when winds are in excess of 15 mph or when other conditions favoring drift exist.

Band Treatment - Apply a broadcast equivalent rate and volume per acre. To determine these:

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

Band width	Broadcast	Band
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in inches X VOLUME = VOLUME
 Row width per acre per acre
 in inches

Aerial - Fixed wing; helicopter - Apply the recommended rates of this product or approved tank mixtures in 3 to 10 gallons of water per acre. AVOID DRIFT - DO NOT APPLY DURING INVERSION CONDITIONS, WHEN WINDS ARE GUSTY, OR UNDER ANY OTHER CONDITION WHICH WILL ALLOW DRIFT. Coarse sprays are less likely to drift; therefore, do not use nozzles or nozzle configurations which dispense spray or 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 streaked, uneven or overlapped application use mechanical marking systems only. HUMAN FLAGGERS PROHIBITED!

Application with Dry Bulk Fertilizer - The herbicide-dry fertilizer impregnation process (In-Plant systems) must be completed only by commercial fertilizer or chemical dealerships properly equipped for this procedure. Contact Monsanto Company for additional information regarding recommended equipment and methods for herbicide-fertilizer blending applications.

Dry bulk fertilizer may be impregnated with this product or the tank mixtures of this product on corn and soybeans. This product must be applied with 200 to 450 pounds of dry bulk fertilizer per acre and shallowly incorporated within 7 days prior to planting. On medium and fine-textured soils in areas where soil incorporation is not planned, i.e. reduced tillage situations or in some conventional till situations, applications can be made up to 30 days before planting to allow moisture to move the herbicide-fertilizer mixture into the soil. On coarse textured soils, applications can be made up to 14 days prior to planting. The herbicide must be applied as recommended in this label for the crop, weed and soil type treated. Refer to the table for broadcast rate per acre in the appropriate crop section of this label to determine the recommended rate per acre for the herbicide treatment to be applied.

The following table provides a reference to determine the amount of this herbicide to be mixed per ton of dry bulk fertilizer for a range of herbicide recommendations for fertilizer rates per acre:

RECOMMENDED POUNDS HERBICIDE/ACRE					
Fertilizer Rate (lb./acre)	Acres Covered (per ton)	3	3.8	4.5	5.3
(pounds of herbicide / ton dry bulk fertilizer)					
200	10	30	38	45	53
250	8	24	30.4	36	42.4
300	6.7	20	25.3	30	35.3
350	5.7	17.1	21.7	25.6	30.2
400	5	15	19	22.5	26.5
450	4.5	13.5	17.1	20.2	23.8

To determine the amount of herbicide needed for rates not included in the preceding table, use the following formula:

Recommended herbicide rate lb. / acre X 2000	=	pounds of herbicide per ton of dry bulk fertilizer
<hr/>		
pourals fertilizer/acre		

Mix and blend the dry fertilizer and herbicide mixture in a closed rotary-drum, vertical auger, paddle or other types of mixers, allowing sufficient time to ensure uniform coating or impregnation. Use at least one ton of dry fertilizer per mixing operation. Water or liquid UAN solution (28-0-0 or 32-0-0) must be added to the blend as a sticking agent to maintain uniform mixture during transport, tendering and application. Spray up to one gallon of water or UAN solution per ton of fertilizer on the fertilizer blend while mixing. Then add the herbicide and mix thoroughly to insure a uniform blend (3 minutes or more). The amount of water or UAN required depends on the wetness of the fertilizer blend. Fertilizer blends containing urea generally result in wetter blends during hot, humid weather, and will require less water or UAN.

The following is a partial list of the dry fertilizer which may be impregnated with this product.

Ammonium sulfate	21-0-0
Ammonium phosphate-sulfate	16-20-0
Diammonium phosphate	18-46-0
Potassium chloride	0-0-60
Potassium sulfate	0-0-52
Single super-phosphate	0-20-0
Treble super-phosphate	0-46-0
*Urea	46-0-0

* Some ureas may be phytotoxic when applied on corn. Use only ureas known to be safe to corn.

NOTE: DO NOT blend this product with other herbicides on fertilizers containing ammonium nitrate, potassium nitrate or sodium nitrate.

Spread the herbicide-dry fertilizer mixture uniformly with a properly calibrated applicator: auger boom, pneumatic (air flow) or spinner. When using spinner applicators, the herbicide-dry fertilizer mixture must be spread at half-rate and overlapped 100 percent to obtain full rate and uniform distribution. Non-uniform spreading of the fertilizer-herbicide mixture may result in unsatisfactory weed control or crop injury.

APPLICATION TIMING AND METHODS

NOTE: Unless specifically recommended, only one treatment of Lasso may be applied to a labeled crop.

Pre-emergence Surface Application - This product and all labeled tank mixtures except Lasso plus EptamTM, Lasso plus TreflanTM and Lasso plus CommandTM may be applied to the soil surface after

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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 inches 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.

Preplant Incorporation - This product and many of the labeled tank mixtures may be mixed into the soil using shallow incorporation equipment any time within 7 days prior to planting. Refer to the crop to be treated in the "DIRECTIONS FOR USE" section of this label to determine if preplant incorporation is recommended. Apply the recommended treatment rate to the soil surface as a broadcast application. Precipitation or irrigation is required to bring incorporated herbicide treatments into contact with germinating weed seedlings. The amount of precipitation or irrigation required depends on existing soil moisture, soil type and percent organic matter content, but 1/3 to 3/4 inch is normally adequate. If weeds emerge after treatment, rotary hoe or shallowly cultivate immediately to improve performance.

NOTE: Do not incorporate unless specifically recommended in this label for the crop and herbicide treatment selected. Incorporation of this product and its labeled tank mixtures on coarse soil types may reduce length of weed control due to leaching with rainfall or irrigation.

1-Pass Incorporation (Surface Blend™): Shallowly incorporate (Surface Blend) the treatment into the upper 1 to 2 inches of the soil. Equipment should be operated at manufacturer's designed speed for incorporation to ensure adequate mixing and distribution of the herbicide treatment in the soil.

Equipment design including any drag attachments must be adequate to avoid soil ridging which may result in streaked or reduced weed control. Soil conditions, including moisture content and crop residue levels, must be suitable to allow thorough and uniform mixing with the equipment used for 1-pass incorporation.

Contact Monsanto Company for additional information regarding recommended equipment and methods for Surface Blend application.

2-Pass Incorporation: When 2-pass incorporation is used, shallowly incorporate the herbicide treatment into the upper 1 to 2 inches of the soil with equipment set to work the soil NO DEEPER THAN 4 INCHES. The second pass must be made at an angle to and no deeper than the first pass to ensure proper distribution of the herbicide treatment in the soil.

Cultivation Information - Delay cultivation after application for as long as possible unless weeds or grasses emerge. Shallowly cultivate or rotary hoe immediately if weeds or grasses emerge. If cultivation is necessary because of soil crusting or compaction, set equipment shallow and minimize lateral soil movement to avoid dilution or displacement of the herbicide treatment. Only after weeds emerge in the treated band, set cultivator to throw soil into the row covering the band.

- TMSurface Blend is a trademark of Monsanto Company.
- TMCommand is a trademark of the FMC Corporation.
- TMEptam is a trademark of ICI Americas Inc.
- TMTreflan is a trademark of Elanco Products Company.

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 conditions described, this product and tank mixtures of this product will control or reduce competition from the weeds listed. Refer to the crop on which treatment is intended to determine the rates and tank mixtures recommended.

For the scientific names to the weeds listed below, refer to the appendix at the end of this booklet.

NOTE: C = Control R = Reduced Competition

- 1 Lasso®
- 2 AmibenTM
- 3 atrazine
- 4 BanvelTM
- 5 BladexTM
- 6 CanopyTM
- 7 CommandTM
- 8 GeminiTM

ANNUAL GRASSES

	Lasso® plus							
	1	2	3	4	5	6	7	8
Barnyardgrass	C	C	C	C	C	C	C	C
Crabgrass	C	C	C	C	C	C	C	C
Cupgrass, wooly ¹	R	R	R	c	R	R	R	c
Foxtail: giant, green, robust purple, robust white, yellow	C	C	C	C	C	C	C	C
Goosegrass	C	C	C	C	C	C	C	C
Johnsongrass, seedling ^{2,8}	R	R	R	R	R	R	k	R
Millet, proso ³	C	•	C	•	C	•	•	•
Panicum: browntop, fall	C	C	C	C	C	C	C	C
Panicum, Texas ⁴	R	R	R	R	R	R	R	R
Rice, red ⁵	C	C	C	•	C	C	C	•

Sandbur, Grassbur ^{2,6}	R	•	C	•	•	•	•	•
Shattercane, wild cane ¹	R	R	R	•	R	R	R	•
Signalgrass, broadleaf	C	C	C	C	C	C	C	C
Sprangletop, red	C	C	C	C	C	C	C	C
Witchgrass	C	C	C	C	C	C	C	C

ANNUAL BROADLEAVES

	Lasso® plus							
	1	2	3	4	5	6	7	8
Beggarweed, Florida ²	R	C	C	•	C	C	•	C
Carpetweed	C	C	C	C	C	C	C	C
Cocklebur	•	•	R	R	R	C	•	C
Coffeeweed, Hemp sesbania	•	•	•	•	•	C	•	C
Copperleaf, hophornbeam	•	•	•	•	•	C	•	•
Galinsoga	•	C	C	C	C	C	C	C
Groundcherry, annual	•	•	C	•	•	C	•	C
Groundcherry, cutleaf ⁷	C	C	C	C	C	C	C	C
Jimsonweed	•	•	C	•	•	C	C	C
Kochia	•	•	C	•	•	•	•	•
Lambsquarters ²	R	C	C	C	C	C	C	C
Morningglory: Tall ⁸	•	•	R	R	R	C	•	C
Pitted, Ivyleaf ⁸ , Entireleaf ⁸	•	•	•	•	•	C	•	C
Smallflower	R	R	C	•	C	C	•	C
Mustard	•	R	C	C	C	C	•	C
Nightshade: black ⁷ , hairy ⁷	C	C	C	C	C	C	C	C
Pigweed, Carelessweed	C	C	C	C	C	C	C	C
Purslane	C	C	C	C	C	C	C	C
Pusley, Florida	C	C	C	C	C	C	C	C
Ragweed, common ²	R	C	C	C	C	C	C	C
Ragweed, giant	•	•	•	•	•	R	•	R
Sicklepod	•	•	C	•	C	C	•	R
Sida, prickly; Teaweed ²	R	•	•	•	•	C	C	C
Smartweed ²	R	C	C	C	C	C	R	C
Starbur, bristly	R	R	C	•	C	C	•	•
Sunflower, common	•	•	•	•	•	R	•	•
Velvetleaf, Buttonweed ⁸	•	R	R	R	R	C	C	C
Waterhemp	C	C	C	C	C	C	C	C

SEDGE

Nutsedge, yellow ⁵	C	C	C	•	C	C	C	•
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NOTE: C = Control R = Reduced Competition

- 1 linuron
- 2 Lorox™ plus
- 3 Preview™
- 4 Scepter™
- 5 Sencor™
- 6 Treflan™

ANNUAL GRASSES

Lasso® plus

	1	2	3	4	5	6
Barnyardgrass	C	C	C	C	C	C
Crabgrass	C	C	C	C	C	C
Cupgrass, wooly ¹	•	•	R	R	R	R
Foxtail: giant, green, robust purple, robust white; yellow	C	C	C	C	C	C
Goosegrass	C	C	C	C	C	C
Johnsongrass, seedling ²	R	R	R	C	R	R
Millet, proso ³	•	•	•	•	•	•
Panicum: browntop, fall	C	C	C	C	C	C
Panicum, Texas ⁴	R	R	R	R	R	R
Rice, red ⁵	•	•	C	C	C	C
Sandbur, Grassbur ^{2,6}	•	•	•	•	•	•
Shattercane, wild cane ¹	•	•	R	R	R	R
Signalgrass, broadleaf	C	C	C	C	C	C
Sprangletop, red	C	C	C	C	C	C
Witchgrass	C	C	C	C	C	C

ANNUAL BROADLEAVES

	Lasso® plus					
	1	2	3	4	5	6
Beggarweed, Florida ²	•	•	R	•	R	•
Carpetweed	C	C	C	C	C	C
Cocklebur	•	C	C	C	R	•
Coffeeweed	•	•	C	•	•	•
Copperleaf, hophornbeam	•	•	C	•	•	•
Galinsoga	C	C	C	C	C	C
Groundcherry, annual	C	C	C	C	C	•
Groundcherry, cutleaf ⁷	C	C	C	C	C	C
Jimsonweed	•	C	C	C	R	•
Kochia	•	•	•	•	•	C
Lambsquarters ²	C	C	C	C	C	•
Morningglory: Tall ⁸	•	R	R	R	•	•
Pitted	•	R	R	C	•	•
Ivyleaf ⁸ ; entireleaf ⁸	•	R	R	R	•	•
Smallflower	•	•	•	C	•	•
Mustard	C	C	C	C	•	•
Nightshade: black ⁷ ; hairy ⁷	C	C	C	C	C	C
Pigweed, Carelessweed	C	C	C	C	C	C
Purslane	C	C	C	C	C	C
Pusley, Florida	C	C	C	C	C	C
Ragweed, common ²	C	C	C	C	C	•
Ragweed, giant	•	R	R	R	•	•
Sicklepod	•	•	•	R	R	•
Sida, prickly; Teaweed ²	C	C	C	C	C	•
Smartweed ²	C	C	C	C	C	•
Starbur, bristly	•	•	•	C	C	•
Sunflower, common	•	•	R	C	•	•
Velvetleaf, Buttonweed ⁸	R	C	C	C	R	•
Waterhemp	C	C	C	C	C	C

SEDGE

¹Use 6 pounds per acre of this product applied alone or in tank-mix combinations. Preplant incorporate only to reduce competition from this weed.

²For reduced competition from this weed with Lasso alone, use 3.8 to 6 pounds of Lasso per acre.

³Plant corn into freshly prepared seedbed. Apply 6 pounds of Lasso per acre preemergence surface immediately after corn planting for reduced competition from this weed. Improved control may be obtained by applying a labeled postemergence herbicide.

⁴Use a minimum of 4.5 pounds of Lasso per acre and apply through center pivot irrigation or under sprinkler irrigation systems. DO NOT apply Lasso plus atrazine tank mixtures through center pivot irrigation systems.

⁵Use 4.5 to 6 pounds of Lasso per acre applied alone or in tank mixture and apply preplant incorporated only for control on medium and fine-textured soils. When tank-mixed with Scepter, use 3 to 4.5 pounds Lasso per acre and preplant incorporate only. On coarse-textured soils with less than 3% organic matter, use 4.5 to 6 pounds of Lasso per acre as a preemergence surface application to reduce competition from yellow nutsedge.

⁶Apply 3.8 to 4.5 pounds of Lasso plus 1 to 2 quarts of atrazine 4L per acre. Preemergence surface applications should be applied to a freshly prepared seedbed. For best control, rotary hoe or initiate overhead irrigation (0.33 to 0.5 inch) within 24 hours of application.

⁷Use a minimum of 3.8 pounds of Lasso per acre on coarse soils, or 4.5 pounds of Lasso per acre on medium and fine soils when used alone or in tank mixture with Amiben, Banvel, Canopy, Command, Preview, Sencor/Lexone or Treflan for control of this weed.

⁸For best results on these species when using Lasso plus Scepter tank mixture, use preplant incorporated treatments.

NOTE: The 3-way tank mixture of Lasso plus atrazine plus Bladex controls or reduces competition as specified for the respective weeds listed under the Lasso plus atrazine and Lasso plus Bladex recommendations.

The 3-way tank mixture of Lasso plus Amiben plus Lexone or Sencor controls or reduces competition as specified for the respective weeds listed under the Lasso plus Amiben and Lasso plus Lexone or Lasso plus Sencor recommendations.

Certain tank mixtures of Lasso and broadleaf herbicides may be combined with applications of Gramoxone Super for control of many emerged weeds prior to soybean emergence.

Refer to the Gramoxone Super label for a list of emerged weeds controlled by tank mixtures with these products.

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TMAniben is a trademark of Rhone-Poulenc.
TMBanvel is a trademark of Sandoz, Inc.
TMBladex, Canopy, Gemini, Lexone, Lorox and Preview are trademarks of E. I. du Pont de Nemours and Company.
TMScepter is a trademark of American Cyanamid Corporation.
TMSencor is a trademark of the parent company of Farben Fabricken Bayer GmbH.

Read each of these sections of this label for essential product performance information.

USE THESE CONVENIENT SECTION MARKERS.

CROPS
CORN
SOYBEANS
BEANS
WOODY ORNAMENTALS

CORN
(All Types)

When making applications on corn, do not make more than one application per year or exceed a total of 6 pounds of alachlor per acre per year.

Lasso®

Apply this product in water or sprayable fluid fertilizer solution 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
Aerial-Fixed wing; helicopter
Center Pivot Irrigation
Dry Bulk Fertilizer Impregnation

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

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this product within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil. Irrigation within 10 days following planting may improve weed control.

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Preemergence Surface - Apply this product after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

DO NOT apply this product postemergence, sequential or lay-by.

DO NOT apply any alachlor containing product sequential to this product.

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

Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)**	
	Less than 3% organic matter	3% or more organic matter
Coarse***	3 to 3.4	3 to 3.4
Medium	3 to 4.1	3 to 4.1
Fine	3 to 4.1	3.8 to 4.9

*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 infestations. Use a minimum of 3.8 to 6 pounds of this product per acre on coarse soils and 4.5 to 6 pounds on medium or fine textured soils to control black or hairy nightshade.

***When applied through center pivot irrigation or under sprinkler irrigation systems on coarse soils, use a minimum of 4.5 pounds per acre of this product.

Preplant Incorporated Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)**	
	Less than 3% organic matter	3% or more organic matter
Coarse***	3.8	3.8
Medium	3.8 to 4.5	3.8 to 4.5
Fine	3.8 to 4.5	4.5 to 5.3

*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 infestations. Use 3.8 to 5.3 pounds per acre where furrow irrigation is used. Use a minimum of 4.5 pounds on coarse textured soils for control of yellow nutsedge or red rice. Rates may be increased to a maximum of 6 pounds on any soil type when heavy infestations of yellow nutsedge or red rice are present.**

**Lasso® plus ATRAZINE
(TANK MIXTURE)**

Apply this tank mixture in water or sprayable fluid fertilizer solutions for control of yellow nutsedge and the annual grasses and broadleaf weeds listed in the 'WEEDS CONTROLLED' section of this label.

APPROVE APPLICATION SYSTEMS

Ground-Broadcast boom; banded

Aerial-Fixed wing; helicopter

Dry Bulk Fertilizer Impregnation

Reference: The 'APPLICATION SYSTEMS' section of this label provides detailed information on the application of this tank mixture using the system selected.

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this tank mixture within 7 days prior to planting and shallowly incorporated or Surface Blend into the upper 1 to 2 inches of soil.

Preemergence Surface - Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

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

NOTE: PLANT ONLY CORN, PEANUTS, SORGHUM OR SOYBEANS* the year following use of this mixture.

* There is a possibility of crop injury due to carryover of atrazine if soybeans are planted the following year. DO NOT plant soybeans the year following use of this tank mixture on furrow irrigated corn. DO NOT graze treated area or feed treated forage to livestock for 21 days following application of this tank mixture.

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

Surface Application Rates

BROADCAST RATE PER ACRE**

SOIL TEXTURAL GROUP	Less than 3% organic matter		3% or more organic matter	
	Lasso® (pounds)	+ atrazine 4L*** (quarts)	Lasso® (pounds)	+ atrazine 4L*** (quarts)
Coarse	2.3 to 3	0.75 to 2	2.3 to 3	1 to 2
Medium	2.3 to 3	1 to 2	3 to 3.4	1.25 to 2
Fine	3 to 3.4	1.25 to 2	3 to 4.1	1.25 to 2

*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 rates in the recommended ranges in areas of heavy weed infestations.

***Use rates listed in this label when using atrazine 4L. Use equivalent rates when using atrazine 80W or 90% dry flowable formulations. One quart of atrazine 4L equals 1.25 pounds of atrazine 80W or 1.1 pounds of atrazine 90% dry flowable.

NOTE: When applied under sprinkler irrigation systems on coarse soils, use 1 quart per acre of atrazine 4L and a minimum of 3.8 pounds per acre of Lasso in this tank mixture.

Preplant Incorporated Application Rates

BROADCAST RATE PER ACRE**

SOIL TEXTURAL GROUP	Less than 3% organic matter		3% or more organic matter	
	Lasso® (pounds)	+ atrazine 4L*** (quarts)	Lasso® (pounds)	+ atrazine 4L*** (quarts)
Coarse	2.6 to 3.4	1.25 to 2	2.6 to 3.4	1.25 to 2
Medium	2.6 to 3.4	1.25 to 2	3.4 to 3.8	1.5 to 2
Fine	3.4 to 3.8	1.5 to 2	3.4 to 4.1	1.5 to 2

*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 rates in the recommended ranges in areas of heavy weed infestations.

***Use rates listed in this label when using atrazine 4L. Use equivalent rates when using atrazine 80W or 90% dry flowable formulations. One quart of atrazine 4L equals 1.25 pounds of atrazine 80W or 1.1 pounds of atrazine 90% dry flowable.

**Lasso® plus BANVEL
(TANK MIXTURE)**

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For use in ILLINOIS, IOWA, MINNESOTA and WISCONSIN on level or flat-planted field corn on fine textured (silty clay loam, clay loam, sandy clay, silty clay or clay) soils with more than 4 percent organic matter.

Apply in water or sprayable fluid fertilizer solutions for control of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

NOTE: Use on coarse or medium textured soils or on fine textured soils with 4 percent or less organic matter may result in crop injury and/or destruction.

APPROVED APPLICATION SYSTEMS

Ground-Broadcast boom; banded.

NOTE: DO NOT apply by air or injection through center pivot irrigation systems.

Reference: The "APPLICATION SYSTEMS" section of this label provides detailed information on the application of this tank mixture using ground spray equipment.

APPROVED APPLICATION METHODS

Preemergence Surface - Apply this tank mixture after planting, before crop and weeds emerge and within 5 days of last preplant tillage operation. Corn seeds must be planted 1-1/2 inches or deeper beneath the soil surface. Direct chemical contact with corn seed must be avoided since crop injury may result. Apply far enough behind planter equipment to avoid any incorporation by the planter wheel or other covering device. If corn seeds are planted less than 1-1/2 inches beneath the soil surface, delay application until corn has spiked.

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

NOTE: PREVENT DRIFT TO SOYBEANS OR OTHER DESIRABLE PLANTS. Do not use on furrow irrigated corn, or when corn is planted at the bottom of a furrow, utilizing lister, till or other similar planting methods. DO NOT incorporate prior to planting or corn emergence if it is necessary to drag for leveling or rotary hoe to break soil crust. DO NOT disturb the soil more than 1/2 inch deep.

RECOMMENDED RATES: Refer to the following table for the recommended broadcast treatment rates for this tank mixture. Applications which are not consistent with recommendations in this label may result in unsatisfactory weed control or crop injury and/or destruction.

BROADCAST RATE PER ACRE

SOIL	More than 4% organic matter
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TEXTURAL GROUP	Lasso® (pounds)	Banvel (quarts)
Fine-silty clay loam through clay	3.8	0.5

**Lasso® plus BLADEx
(TANK MIXTURE)**

Apply this tank mixture in water or sprayable fluid fertilizer solutions 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
- Aerial-Fixed wing; helicopter
- Dry Bulk Fertilizer Impregnation

Reference; The 'APPLICATION SYSTEMS' section of this label provides information on the application of this tank mixture using the system selected.

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this tank mixture within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil.

Preemergence Surface - Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

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

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

Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE					
	1½ to 3½ organic matter			3½ or more organic matter		
	Lasso® (pounds)	+	Bladex 4L*** (quarts)	Lasso® (pounds)	+	Bladex 4L*** (quarts)

Coarse**	2.3 to 3	1 to 1.2	2.3 to 3	1.2 to 1.6
Medium	2.3 to 3	1.2 to 1.4	3 to 3.4	1.6 to 2
Fine	3 to 3.4	1.4 to 1.8	3 to 4.1	1.8 to 2.2

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

**On coarse textured soils containing less than 2% organic matter, use Lasso plus Bladex only on sandy loam. Do not use on sand and loamy sand with less than 2% organic matter.

***Use rates listed in this label using Bladex 4L. Use equivalent rates when using Bladex 80W. One quart of Bladex 4L equals 1.25 lbs of Bladex 80W.

Preplant Incorporated Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE					
	1% to 3% organic matter			3% or more organic matter		
	Lasso® (pounds)	+ Bladex 4L*** (quarts)		Lasso® (pounds)	+ Bladex 4L*** (quarts)	
Coarse**	2.6 to 3.4	1.2 to 1.4	2.6 to 3.4	1.4 to 1.8		
Medium	2.6 to 3.4	1.4 to 1.6	3.4 to 3.8	1.8 to 2.2		
Fine	3.4 to 3.8	1.6 to 2	3.4 to 4.1	2 to 2.4		

NOTE: See 'Incorporation' instructions.

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

**On coarse textured soils containing less than 2% organic matter, use Lasso plus Bladex only on sandy loam. Do not use on sand and loamy sand with less than 2% organic matter.

***Use rates listed in this label when using Bladex 4L. Use equivalent rates when using Bladex 80W. One quart of Bladex 4L equal 1.25 pounds of Bladex 80W.

**Lasso® plus PRINCEP™ 4L
(TANK MIXTURE)**

Apply this tank mixture in water or sprayable fluid fertilizer solutions 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

Aerial-Fixed wing; helicopter

Reference: 'THE APPLICATION SYSTEMS' section of this label provides detailed information on the application of this tank mixture using the system selected.

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this tank mixture within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil.

Preemergence Surface - Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

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

NOTE: LAND TREATED WITH PRINCEP SHOULD NOT BE PLANTED TO ANY CROP EXCEPT CORN FOR ONE YEAR FOLLOWING TREATMENT AS CROP INJURY MAY OCCUR. AFTER HARVEST OF TREATED CROP PLOW AND THOROUGHLY TILL THE SOIL IN THE FALL OR SPRING TO MINIMIZE POSSIBLE INJURY TO SPRING SEEDED ROTATIONAL CROPS.

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

Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE**			
	Less than 3% organic matter		3% or more organic matter	
	Lasso® + (pounds)	Princep 4L*** (quarts)	Lasso® + (pounds)	Princep 4L*** (quarts)
Coarse-sandy loam only	2.3 to 3	0.75 to 2	2.3 to 3	1 to 2
Medium	2.3 to 3	1 to 2	3 to 3.4	1.25 to 2
Fine	3 to 3.4	1.25 to 2	3 to 4.1	1.25 to 2

*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 rates in the recommended ranges in acres of heavy weed infestations.

***Use rates listed in this label when using Princep 4L. Use equivalent rates when using Princep 80W or 90% dry flowable formulations. One quart of the 4L formulation equals 1.25 pounds of the 80W formulation and 1.1 pounds of the 90% dry flowable formulations.

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Preplant Incorporated Application Rates

BROADCAST RATE PER ACRE**

SOIL TEXTURAL GROUP*	Less than 3% organic matter		3% or more organic matter	
	Lasso® + (pounds)	Princep 4L*** (quarts)	Lasso® + (pounds)	Princep 4L*** (quarts)
Coarse-sandy loam only	2.6 to 3.4	1.25 to 2	2.6 to 3.4	1.25 to 2
Medium	2.6 to 3.4	1.25 to 2	3.4 to 3.8	1.5 to 2
Fine	3.4 to 3.8	1.5 to 2	3.4 to 4.1	1.5 to 2

*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 rates in the recommended ranges in areas of heavy weed infestations.

***Use rates listed in this label when using Princep 4L. Use equivalent rates when using Princep 80W or 90% dry flowable formulations. One quart of 4L formulation equals 1.25 pounds of 80W and 1.1 pounds of the 90% dry flowable formulations.

™Princep is a trademark of Ciba-Geigy corporation.

**Lasso® plus ATRAZINE plus
BLADEX (TANK MIXTURE)**

Apply this tank mixture in water or sprayable fluid fertilizer solutions 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

Aerial-Fixed wing; helicopter

Reference: The 'APPLICATION SYSTEMS' section of this label provides detailed information on the application of this tank mixture using the system selected.

APPROVED APPLICATION METHODS

Preemergence Surface - Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

Preplant Incorporated - Apply this tank mixture within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil.

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

NOTE: PLANT ONLY CORN, PEANUTS, SORGHUM OR SOYBEANS* the year following use of this mixture.

* There is possibility of crop injury due to carryover of atrazine if soybeans are planted the following year. DO NOT plant soybeans the year following use of this tank mixture on furrow irrigated corn. DO NOT graze treated area or feed treated forage to livestock for 21 days following application of this tank mixture.

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

Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE			
	Less than 3% organic matter			
	Lasso® (pounds)	+ atrazine 4L** (quarts)	+ Bladex 4L*** (quarts)	
Course****	2.3 to 3	0.75 to 1.25	0.5 to 1	
Medium	2.3 to 3	0.75 to 1	1 to 1.25	
Fine	3 to 3.4	1 to 1.25	1 to 1.5	

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE			
	3% or more organic matter			
	Lasso® (pounds)	+ atrazine 4L** (quarts)	+ Bladex 4L*** (quarts)	
Course****	2.3 to 3	0.75 to 1	1 to 1.25	
Medium	3 to 3.4	1 to 1.25	1 to 2	
Fine	3 to 4.1	1.25 to 1.5	1 to 2	

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

**Use rates listed in this label when using atrazine 4L. Use equivalent rates when using atrazine 80W or 90% dry flowable formulations. One quart of atrazine 4L equals 1.25 pounds of atrazine 80W or 1.1 pounds of atrazine 90% dry flowable.

***Use rates listed in this label using Bladex 4L. Use equivalent rates when using Bladex 80W. One quart of Bladex 4L equals 1.25 pounds of Bladex 80W.

****Do not use this mixture on sand or loamy sand soils with less than 2% organic matter.

NOTE: Use the higher rates in the recommended ranges in areas of heavy weed infestations.

Preplant Incorporation Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE		
	Less than 3% organic matter		
	Lasso® (pounds)	+ atrazine 4L** (quarts)	+ Bladex 4L*** (quarts)
Coarse****	2.6 to 3.4	1	0.5 to 1
Medium	2.6 to 3.4	1 to 1.25	1 to 1.25
Fine	3.4 to 3.8	1.25 to 1.5	1 to 1.5

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE		
	3% or more organic matter		
	Lasso® (pounds)	+ atrazine 4L** (quarts)	+ Bladex 4L*** (quarts)
Coarse****	2.6 to 3.4	1 to 1.25	1 to 1.25
Medium	3.4 to 3.8	1.25 to 1.5	1 to 2
Fine	3.4 to 4.1	1.5 to 1.75	1 to 2

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

**Use rates listed in this label when using atrazine 4L. use equivalent rates when using atrazine 80W or 90% dry flowable formulations. One quart of atrazine 4L equals 1.25 pounds of atrazine 80W or 1.1 pounds of atrazine 90% dry flowable.

***Use rates listed in this label using Bladex 4L. Use equivalent rates when using Bladex 80W. One quart of Bladex 4L equals 1.25 pounds of Bladex 80W.

****Do not use this mixture on sand or loamy sand soils with less than 2% organic matter.

NOTE: Use the higher rates in the recommended ranges in areas of heavy weed infestations.

**Lasso® plus ATRAZINE plus PROWL™
(TANK MIXTURE)**

Apply this tank mixture in water or sprayable fluid fertilizer solutions for control of triazine resistant lambsquarter and pigweed in addition to 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.

Aerial-Fixed wing; helicopter.

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

APPROVED APPLICATION METHOD

Preemergence Surface - Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

DO NOT preplant incorporate this tank mixture as serious crop injury can result.

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

NOTE: PLANT ONLY CORN, PEANUTS, SORGHUM OR SOYBEANS* the year following use of this mixture.

* There is a possibility of crop injury due to carryover of atrazine if soybeans are planted the following year. DO NOT plant soybeans the year following use of this tank mixture on furrow irrigated corn. DO NOT graze treated area or feed treated forage to livestock for 21 days following application of this tank mixture.

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

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE		
	Less than 3% organic matter		
	Lasso® (pounds)	+ atrazine 4L** (quarts)	+ Prowl™ (quarts)
Coarse	2.3 to 3	0.75 to 2	0.75
Medium	2.3 to 3	1 to 2	0.75 to 1
Fine	3 to 3.4	1.25 to 2	1

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE		
	3% or more organic matter		
	Lasso® (pounds)	+ atrazine 4L** (quarts)	+ Prowl™ (quarts)
Coarse	2.3 to 3	1 to 2	0.75 to 1
Medium	3 to 3.4	1.25 to 2	1
Fine	3 to 4.1	1.25 to 2	1

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

**Use rates listed in this label when using atrazine 4L. Use equivalent rates when using atrazine 80W or 90% dry flowable formulations. One quart of atrazine 4L equals 1.25 pounds of atrazine 80W or 1.1 pounds of atrazine 90% dry flowable.

NOTE: Use the higher rates in the recommended ranges in areas of heavy weed infestations.

TMProwl is a trademark of American Cyanamid Corporation.

**Lasso® plus BLADEx plus PROWL
(TANK MIXTURE)**

Apply this tank mixture in water or sprayable fluid fertilizer solutions for control of triazine resistant lambsquarter and pigweed in addition to yellow nutsedge and the annual grasses and broadleaf weeds listed in the 'WEEDS CONTROLLED' section of this label.

APPROVED APPLICATION SYSTEMS

Ground-Broadcast boom; ba ded

Aerial-Fixed wing; helicopter

Reference: The 'APPLICATION SYSTEMS' section of this label provides information on the application of this tank mixture using the system selected.

APPROVED APPLICATION METHOD

Preemergence Surface - Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

DO NOT preplant incorporate this tank mixture as serious crop injury can result.

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

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

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE		
	1½ to 3½ organic matter		
	Lasso® (pounds)	+ Bladex 4L*** (quarts)	+ Prowl (quarts)
Coarse	2.3 to 3	1 to 1.2	0.75

Medium	2.3 to 3	1.2 to 1.4	0.75 to 1
Fine	3 to 3.4	1.4 to 1.8	1

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE			
	3% or more organic matter			
	Lasso® (pounds)	+ Bladex 4L*** (quarts)	+ Prowl (quarts)	
Coarse	2.3 to 3	1.2 to 1.6	0.75 to 1	
Medium	3 to 3.4	1.6 to 2	1	
Fine	3 to 4.1	1.8 to 2.2	1	

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

**Do not use this tank mixture on sand or loamy sand soils with less than 2% organic matter.

***Use rates listed in this label when using Bladex 4L. Use equivalent rates when using Bladex 80W. One quart of Bladex 4L equals 1.25 lbs of Bladex 80W.

NOTE: Use the higher rates in the recommended ranges in areas of heavy weed infestations.

**Lasso® plus ATRAZINE plus LINURON
(TANK MIXTURE)**

FOR USE ONLY IN DELAWARE, MARYLAND, NEW JERSEY, NEW YORK, PENNSYLVANIA, VIRGINIA AND WEST VIRGINIA.

Apply this tank mixture in water or sprayable fluid fertilizer solutions for control of triazine resistant lambsquarter and pigweed in addition to 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 information on the application of this tank mixture using the system selected.

APPROVED APPLICATION METHOD

Preemergence Surface - Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

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

NOTE: PLANT ONLY CORN, PEANUTS, SORGHUM, OR SOYBEANS* the year following use of this mixture.

* There is a possibility of crop injury due to carryover of atrazine if soybeans are planted the following year. DO NOT plant soybeans the year following use of this tank mixture on furrow irrigated corn. DO NOT graze treated area or feed treated forage to livestock for 21 days following application of this tank mixture.

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

BROADCAST RATE PER ACRE				
Less than 3% organic matter				
SOIL TEXTURAL GROUP*	Lasso® (pounds)	+ atrazine 4L*** (quarts)	+ Linuron 4L*** (quarts)	
Coarse-sandy loam only	2.3 to 3	0.75 to 2	0.33	
Medium	2.3 to 3	1 to 2	0.5	
Fine	3 to 3.4	1.25 to 2	0.5	

BROADCAST RATE PER ACRE				
3% or more organic matter				
SOIL TEXTURAL GROUP*	Lasso® (pounds)	+ atrazine 4L*** (quarts)	+ Linuron 4L*** (quarts)	
Coarse-sandy loam only	2.3 to 3	1 to 2	0.5	
Medium	3 to 3.4	1.25 to 2	0.5	
Fine	3 to 4.1	1.25 to 2	0.5	

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

**Use rates listed in this label when using atrazine 4L. Use equivalent rates when using atrazine 80W or 90% dry flowable formulations. One quart of atrazine 4L equals 1.25 pounds of atrazine 80W or 1.1 pounds of atrazine 90% dry flowable.

***Use rates listed in this label when using linuron 4L. Use equivalent rates when using linuron 50WP or 50% dry flowable formulations. One quart of linuron 4L equals 2 pounds of linuron 50WP or 2 pounds of linuron 50% dry flowable.

NOTE: Use the higher rates in the recommended ranges in areas of heavy weed infestations.

Conservation or Minimum Tillage Systems

AT-PLANTING APPLICATIONS

When applied as directed under the conditions described, these tank mixtures control may emerged annual weeds, suppress many emerged perennial weeds and give preemergence control of many annual grasses and weeds when corn will be planted directly into a cover crop, established sod or in previous crop residues. These tank mixtures will not control regrowth from perennial weeds.

DO NOT APPLY BY AIR.

Refer to specific product labels for crop rotation restriction and cautionary statements of all products used in the tank mixture.

For mixing instructions, see the 'MIXING, SPRAYING AND HANDLING INSTRUCTIONS' section of this label.

- **Lasso® plus GRAMOXONE SUPER** ■
or
- **Lasso® plus ATRAZINE plus** ■
GRAMOXONE EXTRA ■
or
- **Lasso® plus BLADEX** ■
plus GRAMOXONE SUPER ■
or
- **Lasso® plus PRINCEP** ■
plus GRAMOXONE SUPER ■
or
- **Lasso® plus ATRAZINE plus** ■
BLADEX plus GRAMOXONE SUPER ■
or
- **Lasso® plus ATRAZINE plus** ■
PRINCEP plus GRAMOXONE SUPER ■

Apply these tank mixtures with Gramoxone Super in 20 to 60 gallons of water spray solution per acre immediately before, during or after planting, but BEFORE CROP EMERGENCE. As density of stubble, crop residue or weeds increases, spray gallonage and rate should be increased within the recommended ranges to insure complete coverage. In the absence of emerged vegetation, delete the Gramoxone Super portion of these tank mixtures.

**CONTROL OR SUPPRESSION
OF EMERGED WEEDS**

- **GRAMOXONE SUPER** ■

When used as directed. Gramoxone Super in tank mixture controls many emerged annual weeds and suppresses many emerged perennial weeds.

Broadcast Treatment - Apply 1.5 to 2.5 pints of Gramoxone Super in these tank mixtures immediately before, during or after planting but BEFORE CROP EMERGENCE. Use the 2.5 pint rate if any weeds are 4 to 6 inches. As density of stubble, crop residue or weeds increases, spray gallonage should be increased within the recommended range for complete coverage. Add a nonionic spreader surfactant (approved for use on crops) containing at least 75 percent surfactant active agent at 8 ounces per 100 gallons of diluted spray. REFER TO THE GRAMOXONE SUPER LABEL FOR PRECAUTIONARY STATEMENTS.

PREEMERGENCE WEED CONTROL

Lasso®

For weeds controlled preemergence, see the sections of this label on Lasso®. See the following table for recommended rates of Lasso® in this tank mixture on various soil types:

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)	
	Lasso®	
Coarse	3.8	
Medium	4.5	
Fine	4.5 to 5.3	

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

Use the higher rate of Lasso in the recommended ranges in areas of heavy grass infestation, or when organic matter content is 3 percent or more.

Lasso® plus ATRAZINE

For weeds controlled preemergence, see the sections of this label for Lasso and Lasso plus atrazine.

See the following table or recommended rates of Lasso plus atrazine in this tank mixture on various soil types.

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (QUARTS)		
	Lasso® (pounds)	+	atrazine 4L** (quarts)
Coarse-sandy loam only	2.6 to 3		1 to 2
Medium	3 to 3.8		1.2 to 2
Fine	3.8 to 4.5		1.6 to 2

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

**Use rates listed in this label when using atrazine 4L. Use equivalent rates when using atrazine 80W or 90% dry flowable formulations. One quart of atrazine 4L equals 1.25 pounds of atrazine 80W or 1.1 pounds of atrazine 90% dry flowable.

Use the higher rate of Lasso in the recommended ranges in areas of heavy grass infestation or when fall panicum or crabgrass will be present.

Use the higher rate of atrazine in the recommended ranges on soils with greater than 3% organic matter.

NOTE: PLANT ONLY CORN, PEANUTS, SORGHUM OR SOYBEANS the year following use of this mixture.

There is a possibility of crop injury due to carryover of atrazine if soybeans are planted the following year. DO NOT plant soybeans the year following use of this tank mixture on furrow irrigated corn.

DO NOT graze treated area or feed treated forage to livestock for 21 days following application of this tank mixture.

Lasso® plus BLADEx

For weeds controlled preemergence, see the 'WEEDS CONTROLLED' section of the label for Lasso and this tank mixture.

See the following table for recommended rates of Lasso plus Bladex in this tank mixture with Roundup on various soil types.

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE	
	Lasso® (pounds)	+ Bladex 4L** (quarts)
Coarse-sandy loam only	2.6 to 3	1 to 1.6
Medium	3 to 3.8	1.2 to 1.6
Fine	3.8 to 4.5	1.6 to 2.2

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

**When using Bladex 80W use equivalent rates. One quart of Bladex 4L equals 1.25 pounds of Bladex 80W.

Use the higher rate of Lasso in the recommended ranges in areas of heavy grass infestation or when fall panicum or crabgrass will be present.

Use the higher rate of Bladex in the recommended ranges on soils with greater than 3% organic matter.

NOTE: Do not use this mixture on sand or loamy sand soils with less than 2% organic matter.

■ **Lasso® plus PRINCEP 4L** ■

For weeds controlled preemergence see the "WEEDS CONTROLLED" section of the labels for Lasso and Princep herbicides.

See the following table for recommended rates of Lasso plus Princep in this tank mixture on various soil types.

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE	
	Lasso® (pounds)	+ Princep 4L** (quarts)
Coarse-sandy loam only	2.6 to 3	1 to 1.2
Medium	3 to 3.8	1.2 to 1.6
Fine	3.8 to 4.5	1.6 to 2.2

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

**When using Princep 80W use equivalent rates. One quart of Princep 4L equals 1.25 pounds of Princep 80W.

Use the higher rate of Lasso in the recommended ranges in areas of heavy grass infestation or when fall panicum or crabgrass will be present.

Use the higher rate of Princep in the recommended ranges on soils with greater than 3% organic matter.

NOTE: LAND TREATED WITH PRINCEP SHOULD NOT BE PLANTED TO ANY CROP EXCEPT CORN FOR ONE YEAR FOLLOWING TREATMENT AS CROP INJURY MAY OCCUR. AFTER HARVEST OF TREATED CROP, PLOW AND THOROUGHLY TILL THE SOIL IN THE FALL OR SPRING TO MINIMIZE POSSIBLE INJURY TO SPRING SEEDED ROTATIONAL CROPS.

■ **Lasso® plus ATRAZINE plus BLADEX** ■

This tank mixture may be applied for additional preemergence control of heavy weed infestation and/or hard-to-control weeds listed in the "WEEDS CONTROLLED" section of this label. Refer to

the following rate table to determine the recommended rates for this tank mixtures on various soil types.

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE		
	Lasso® (pounds)	+ atrazine 4L** (quarts)	+ Bladex 4L*** (quarts)
Coarse****	2.6 to 3	0.75 to 1	1 to 1.25
Medium	3 to 3.8	1 to 1.25	1 to 2
Fine	3.4 to 4.5	1 to 1.25	1 to 2

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

**Use rates listed in this label when using atrazine 4L. Use equivalent rates when using atrazine 80W or 90% dry flowable formulations. One quart of atrazine 4L equals 1.25 pounds of atrazine 80W or 1.1 pounds of atrazine 90% dry flowable.

***Use rates listed in this label when using Bladex 4L. Use equivalent rates when using Bladex 80W. One quart of Bladex 4L equals 1.25 pounds of Bladex 80W.

****DO NOT use this mixture on sand or loamy sand soils with less than 2% organic matter.

Use the higher rates in the recommended ranges in areas of heavy weed infestations.

NOTE: PLANT ONLY corn, peanuts, sorghum or soybeans the year following use of this mixture.

There is a possibility of crop injury due to carryover of atrazine if soybeans are planted the following year. DO NOT plant soybeans the year following use of this tank mixture on furrow irrigated corn.

DO NOT graze treated area or feed treated forage to livestock for 21 days following application of this tank mixture.

■ Lasso® plus ATRAZINE plus PRINCEP 4L ■

For additional preemergence control of heavy weed infestation and/or hard-to-control weeds, a three-way tank mixture of Lasso herbicide plus atrazine plus Princep may be applied. Refer to the following rate table to determine the recommended rates for this tank mixture on various soil types.

BROADCAST RATE PER ACRE

SOIL TEXTURAL GROUP*	Lasso® (pounds)	+ atrazine 4L*** (quarts)	+ Princep 4L*** (quarts)
Coarse****	2.6 to 3	0.75 to 1	0.75 to 1
Medium	3 to 3.8	1 to 1.25	1 to 1.5
Fine	3.4 to 4.5	1 to 1.25	1 to 1.5

*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 rates of atrazine and Princep in the recommended ranges on soils with greater than 3% organic matter.

***When using 4L formulations use the rates listed. Use equivalent rates when using 80W or 90% dry flowable formulations. One quart of the 4L formulation of these products equals 1.25 pounds of the 80W formulation. One quart of atrazine 4L or Princep 4L equals 1.1 pounds of the 90% dry flowable formulations of these products.

In the areas of heavy grass infestation, use the higher rate of Lasso in the recommended ranges when fall panicum, crabgrass, or soils with greater than 3% organic matter will be present.

NOTE: LAND TREATED WITH PRINCEP SHOULD NOT BE PLANTED TO ANY CROP EXCEPT CORN FOR ONE YEAR FOLLOWING TREATMENT AS CROP INJURY MAY OCCUR. AFTER HARVEST OF TREATED CROP, PLOW AND THOROUGHLY TILL THE SOIL IN THE FALL OR SPRING TO MINIMIZE POSSIBLE INJURY TO SPRING SEEDED ROTATIONAL CROPS. PLANT ONLY CORN, PEANUTS, SORGHUM OR SOYBEANS THE YEAR FOLLOWING USE OF THIS MIXTURE.

There is possibility of crop injury due to carryover of atrazine if soybeans are planted the following year.

DO NOT plant soybeans the year following use of this tank mixture on furrowed irrigated corn.

DO NOT graze treated area or feed treated forage to livestock for 21 days following application of this tank mixture.

EARLY PREPLANT APPLICATION

Lasso® plus ATRAZINE (TANK MIXTURE)

For use in no-till and other conservation tillage systems in DELAWARE, ILLINOIS, INDIANA, IOWA, KANSAS, KENTUCKY, MARYLAND, MINNESOTA, MISSOURI, NEBRASKA, NORTH CAROLINA, OHIO, SOUTH DAKOTA, VIRGINIA, AND WISCONSIN.

This tank mixture, when applied in a single application (alone or in a 3-way combination with Bladex or Princep), split application

or as a sequential application to Bladex or Princep in early preplant programs, will provide preemergence control of reduced competition of listed annual grasses and broadleaf weeds.

If emerged weeds are present at the time of treatment Gramoxone Super or 2,4-D should be added to the product according to the directions for use on their respective product labels. If unsatisfactory weed control occurs (due to excessively dry or excessively wet conditions) following the earlier application, a postemergence application of an appropriate labeled grass and/or broadleaf weed herbicide may be used. If a postemergence treatment includes the herbicide used early preplant, do not exceed the labeled rate for corn on a given soil texture. Observe all precautions and limitations on the labels for Lasso, atrazine, Bladex, Princep, Gramoxone Super, 2,4-D and other postemergence herbicides before use of these products.

RECOMMENDED RATE AND TIMING OF APPLICATION:

Single application - Application of this tank mixture should be made less than 30 days before planting but prior to weed emergence. This application should be restricted to areas north of Interstate 70 when west of the Mississippi River and north of Interstate 64 when east of the Mississippi River where cool spring weather minimizes or slows biodegradation of herbicides.

See the following table for recommended rates.

BROADCAST RATE PER ACRE		
SOIL TEXTURAL GROUP	Lasso® (pounds)**	+ atrazine 4L (quarts)*
Coarse*	3.4 to 3.8	1.25 to 1.5
Medium	3.8 to 4.5	1.5 to 2
Fine	4.5 to 5.6	1.75 to 2.25

This tank mixture may also be mixed in a 3-way combination with 1 to 1.25 quarts per acre of Princep or 1.5 to 2 quarts per acre of Bladex to provide improved control of fall panicum and crabgrass.

*Application on coarse soils should not be made more than 2 weeks prior to planting.

**Use the lower rate where light weed infestation is expected and the higher rate where heavy weed infestation is expected.

Split application - Apply 60 percent of the recommended rate as a split treatment prior to weed emergence and no more than 45 days prior to planting and the remaining 40 percent at or immediately following planting.

FOR CONTROL OF FALL PANICUM, CRABGRASS OR BROADLEAF SIGNALGRASS USE THE SEQUENTIAL APPLICATION OF THIS TANK MIXTURE FOLLOWING BLADEX OR PRINCEP.

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See the following table for recommended rates.

BROADCAST RATE PER ACRE

SOIL TEXTURAL GROUP	Lasso® (pounds)*	+	atrazine 4L (quarts)*
Coarse*	3.4 to 4.1		1.25 to 1.75
Medium	3.8 to 4.5		1.5 to 2
Fine	4.5 to 5.6		1.75 to 2.25

*Use the lower rate where light weed infestation is expected and the higher rate where heavy weed infestation is expected.

Sequential application - Application of this tank mixture following Bladex or Princep should be utilized for the control of fall panicum, crabgrass or broadleaf signalgrass. Apply 1.5 to 2 quarts per acre of Bladex or 1 to 1.25 quarts per acre of Princep prior to weed emergence and no more than 45 days prior to planting. At or immediately following planting apply the recommended rate of this tank mixture.

Following applications of Bladex or Princep see the following table for recommended rates.

BROADCAST RATE PER ACRE

SOIL TEXTURAL GROUP	Lasso® (pounds)*	+	atrazine 4L (quarts)*
Coarse*	2.6 to 3.8		1 to 1.5
Medium	3.4 to 4.1		1.25 to 1.75
Fine	3.8 to 4.5		1.5 to 2

*Use the lower rate where light weed infestation is expected and the higher rate where heavy weed infestation is expected.

Use rates listed in this label when using the 4L formulation of atrazine, Bladex or Princep. Use equivalent rates of the 80W or 90% dry flowable formulation of atrazine, Bladex or Princep. One quart of the 4L formulation of atrazine, Bladex or Princep equals 1.25 pounds of the 80W and 1.1 pounds of the 90% dry flowable formulations of atrazine, Bladex or Princep.

DO NOT use Bladex on coarse textured soils or soils of less than 1 percent organic matter.

Plant only corn, peanuts, sorghum (milo) or soybeans the year following the use of this program. There is a possibility of crop injury due to carryover of atrazine if soybeans are planted the following year.

NOTE: Soil treated with Princep should not be planted to any crop except corn for one year following treatment as crop injury may occur. After harvest of the treated crop, plow and thoroughly

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till the soil in the fall or spring to minimize possible injury to spring seeded rotational crops.

SOYBEANS

When making applications on soybeans, do not make more than one application per year or exceed a total of 4 pounds of alachlor per acre per year.

Lasso®

Apply this product in water or sprayable fluid fertilizer solution 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

Aerial-Fixed wing; helicopter

Dry Bulk Fertilizer Impregnation

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

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this product within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil.

Preemergence Surface - Apply this product after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

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

Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)**	
	Less than 3% organic matter	3% or more organic matter
Coarse***	3 to 3.4	3 to 3.4
Medium	3 to 4.1	3 to 4.1

Fine 3 to 4.1 3.8 to 4.9

*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 infestations. Use a minimum of 3.75 pounds of this product per acre on coarse soils and 4.5 to 6 pounds on medium or fine textured soils to control eastern black or hairy nightshade or to reduce competition from hard-to-control weeds listed in this label.

***When applied under sprinkler irrigation systems on coarse soils, use a minimum of 4.5 pounds per acre of this product.

On coarse soils with 10% or more organic matter use 6 pounds of Lasso per acre.

Preplant Incorporated Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)**	
	Less than 3% organic matter	3% or more organic matter
Coarse	3.8	3.8
Medium	3.8 to 4.5	3.8 to 4.5
Fine	3.8 to 4.5	4.5 to 5.3

*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 infestations. Use a minimum of 4.5 pounds per acre on coarse textured soils for control of yellow nutsedge or red rice. Rates may be increased to a maximum of 6 pounds on any soil type when heavy infestations of yellow nutsedge or red rice are present.

On coarse soils with 10% or more organic matter use 6 pounds of Lasso per acre.

Lasso® plus AMIBEN (TANK MIXTURE)

Apply this tank mixture in water or sprayable fluid fertilizer solution for control of the annual grasses and broadleaf weeds listed in the 'WEEDS CONTROLLED' section of this label.

DO NOT use this tank mixture on sand or loamy sand soils as crop injury may result.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom; banded

4-175

Aerial - Fixed wing; helicopter

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

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this tank mixture within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil.

Preemergence Surface - Apply after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

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

RECOMMENDED RATES:

Preplant Incorporated - Apply 3.8 to 4.5 pounds of Lasso plus 4 quarts of Amiben per acre.

NOTE: Use the 4.5 pound per acre rate of Lasso in areas of heavy weed infestation. Use 4.5 to 6 pounds of Lasso when eastern black or hairy nightshade, yellownutsedge or red rice is present.

Preemergence Surface - Apply 3 pounds of Lasso plus 4 quarts of Amiben per acre.

NOTE: Use a minimum of 3.8 pounds of Lasso on coarse soils and 4.5 to 6 pounds in this tank mixture on medium or fine textured soils to control black or hairy nightshade.

Lasso® plus CANOPY (TANK MIXTURE)

Apply this tank mixture in water or sprayable fluid fertilizer solution for control of annual grasses and broadleaf weeds in the "WEEDS CONTROLLED" section of this label.

NOTE: Observe all precautions and limitations on the Lasso and Canopy labels including precautions on soil pH, sensitive soybean varieties, minimum recropping interval and rotational guidelines.

DO NOT plant rice or peanuts within 18 months after application of this tank mixture.

APPROVED APPLICATION SYSTEM

Ground - Broadcast boom

46-15

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

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this tank mixture within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil. Preplant incorporation may cause slight soybean injury early, but soybeans should recover with no subsequent effect on growth or yield.

Preemergence Surface - Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

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

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

Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATES PER ACRE**		
	<u>½ to 3% organic matter</u>	<u>3% or more organic matter</u>	
	Lasso® (pounds)	Lasso (pounds)	Canopy (ounces)
Coarse-sandy loam only	2.6 to 3.4	2.6 to 3.4	6
Medium	2.6 to 3.4	3 to 3.8	8
Fine	3 to 3.8	3.4 to 4.1	10

*Refer to the "SOIL TEXTURE" section of this label to determine the corresponding soil textural group for the soil to be treated. DO NOT APPLY TO SOIL WITH LESS THAN ½% organic matter.

**Use the higher rate of Lasso in the recommended ranges in areas of heavy grass infestations, heavy crop residue or when broadleaf signalgrass is present.

Preplant Incorporated Application Rate

BROADCAST RATES PER ACRE**	
<u>½ to 3% organic matter</u>	<u>3% or more organic matter</u>

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SOIL TEXTURAL GROUP*	Lasso® (pounds)	Lasso (pounds)	Canopy (ounces)
Coarse- sandy loam only	3 to 3.8	3 to 3.8	6
Medium	3 to 3.8	3.4 to 4.1	8
Fine	3.4 to 4.1	3.8 to 4.5	10

*Refer to the "SOIL TEXTURE" section of this label to determine the corresponding soil textural group of the soil to be treated. DO NOT APPLY TO SOIL WITH LESS THAN 1% organic matter.

**Use the higher rate of Lasso in the recommended ranges in areas of heavy grass infestations, heavy crop residue or when broadleaf signalgrass is present. See the "WEEDS CONTROLLED" section of this label for specific rate recommendations on seedling johnsongrass, red rice and yellow nutsedge.

**Lasso® plus COMMAND
(TANK MIXTURE)**

Apply this tank mixture in water or sprayable fluid fertilizer solution for control of yellow nutsedge and the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

NOTE: Observe all precautions and limitations on the Lasso and Command labels before use of this tank mixture.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom; banded

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

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this tank mixture within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil.

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

RECOMMENDED RATES: Apply 3 to 3.8 pounds of Lasso plus 1 pint of Command 4E per acre. In areas of heavy pigweed and lambsquarter infestations, use 3.8 to 4.5 pounds of Lasso per acre in the tank mixture.

**Lasso® plus GEMINI
(TANK MIXTURE)**

Apply this tank mixture in water or sprayable fluid fertilizer solution for control of annual grasses and broadleaf weeds in the "WEEDS CONTROLLED" section of this label.

NOTE: Observe all precautions and limitations on the Lasso and Gemini labels including precautions on soil pH, minimum recropping interval and rotational guidelines.

DO NOT plant rice or peanuts within 18 months after application of this tank mixture.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom; banded

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

APPROVED APPLICATION METHODS

Preemergence Surface - Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

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

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

Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATES PER ACRE**		
	1/2 to 3%	3% or more	
	<u>organic matter</u>	<u>organic matter</u>	
	Lasso® (pounds)	Lasso® (pounds)	Gemini (ounces)
Coarse-sandy loam only	2.6 to 3.4	2.6 to 3.4	12 to 16
Medium	2.6 to 3.4	3 to 3.8	16 to 20
Fine	3 to 3.8	3.4 to 4.1	20 to 24

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

**Use the higher rate of Lasso in the recommended ranges in areas of heavy grass infestations, heavy crop residue or when broadleaf signalgrass is present. Use the higher rate of Gemini in the

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recommended ranges on soils with higher organic matter or heavy pressure from large deep germinating weed seeds.

**Lasso® plus LEXONE
or
Lasso® plus SENCOR
(TANK MIXTURE)**

Apply this tank mixture in water or sprayable fluid fertilizer solution for control of yellow nutsedge and the annual grasses and broadleaf weeds listed in the 'WEEDS CONTROLLED' section of this label.

NOTE: DO NOT use on muck soils or on alkaline soils with a pH greater than 7.4. Crop injury may result if atrazine was applied the year preceding use of this tank mixture.

DO NOT REPLANT CROPS OTHER THAN SOYBEANS FOR 120 DAYS AFTER APPLICATION OF THESE TANK MIXTURES.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom; banded

Aerial - Fixed wing; helicopter

Reference: The 'APPLICATION SYSTEMS' section of this label provides detailed information on the application of this tank mixture using the system selected.

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this tank mixture within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil. Preplant incorporation may cause slight soybean injury early, but soybeans should recover with no subsequent effect on growth or yield.

Preemergence Surface - Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

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

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

Surface Application Rates

BROADCAST RATES PER ACRE						
Less than 3% organic matter			3% or more organic matter			
SOIL TEXTURAL GROUP*	Lasso® + (pounds)	Lexone 4L** or Sencor 4F** (pint)		Lasso® + (pounds)	Lexone 4L** or Sencor 4F** (pint)	
		Coarse - sandy loam only	2.6 to 3.4		0.5	
Medium	2.6 to 3.4	0.5 to 0.75		3 to 3.8	0.75	
Fine	3 to 3.8	0.75 to 1		3.4 to 4.1	1	

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

**Use the rates listed in this label when using Lexone 4L or Sencor 4F. Use the equivalent rates when using the 50WP or DF formulations of these products. One pint of Lexone 4L or Sencor 4F equals one pound of the corresponding 50WP formulation or 2/3 pound of the corresponding DF formulation.

NOTE: DO NOT use on sand or loamy sand soil. Use 1.5 pints of Lexone 4L or Sencor 4F per acre in this tank mixture when applying on heavy clay soils of the Mississippi Delta. Use a minimum of 3.8 pounds of Lasso on coarse soils and 4.5 to 6 pounds in this tank mixture on medium or fine textured soils to control eastern black or hairy nightshade.

Preplant Incorporated Application Rates

BROADCAST RATES PER ACRE						
Less than 3% organic matter			3% or more organic matter			
SOIL TEXTURAL GROUP*	Lasso® + (pounds)	Lexone 4L** or Sencor 4F** (pint)		Lasso® + (pounds)	Lexone 4L** or Sencor 4F** (pint)	
		Coarse-sandy loam only	3 to 3.8		0.5	
Medium	3 to 3.8	0.5 to 0.75		3.4 to 4.1	0.75	
Fine	3.4 to 4.1	0.75 to 1		3.8 to 4.5	1	

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

****Use the rates listed in this label when using Lexion 4L or Sencor 4F. Use the equivalent rates when using the 50WP or DF formulations of these products. One pint of Lexion 4L or Sencor 4F equals one pound of the corresponding 50WP formulation or 2/3 pound of the corresponding DF formulation.**

*****Use the 4.5 pounds per acre rate of Lasso in areas of heavy weed infestation. Use 4.5 to 6 pounds of Lasso when eastern black or hairy nightshade, yellow nutsedge or red rice are present.**

NOTE: Do not use on coarse textured soils. Do not use on medium or fine textured soils with less than 1% organic matter. These mixtures, preplant incorporated, may cause slight soybean injury early, but the soybeans should recover and subsequent growth or yield should not be affected.

Lasso® plus AMIBEN plus LEXONE or SENCOR (TANK MIXTURES)

Apply this tank mixture in water solution for control of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

NOTE: DO NOT use on sand, loamy sand, or on soi's with less than 1% organic matter. DO NOT use the foliage from soybeans treated with Lasso plus Amiben plus Lexion or Sencor for feed or forage.

NOTE: DO NOT use on muck soils or on alkaline soils with greater than 7.4 pH. Crop injury may result if atrazine was applied the year preceding use of this tank mixture.

APPROVED APPLICATION SYSTEMS

- Ground - Broadcast boom
- Aerial - Fixed wing; helicopter

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

APPROVED APPLICATION METHODS

Preplant Incorporation - Apply this tank mixture within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil. Preplant incorporation may cause slight soybean injury early but soybeans should recover with no subsequent effect on growth or yield.

Preemergence Surface - Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

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

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

BROADCAST RATE PER ACRE
Less than 3% organic matter

SOIL TEXTURAL GROUP*	Lasso® (pounds)	Amiben (quarts)	Lexone 4L** Sencor 4F (pint)
Coarse - sandy loam only	2.6 to 3.4	3	0.5
Medium	2.6 to 3.4	3 to 4	0.5
Fine	3 to 3.8	4 to 5	0.75

BROADCAST RATE PER ACRE
3% or more organic matter

SOIL TEXTURAL GROUP*	Lasso® (pounds)	Amiben (quarts)	Lexone 4L** Sencor 4F (pint)
Coarse- sandy loam only	2.6 to 3.4	3 to 4	0.5 to 0.75
Medium	3 to 3.8	4 to 5	0.5 to 0.75
Fine	3.4 to 4.1	4 to 6	0.75 to 1

*Refer to the 'SOIL TEXTURE' section of this label to determine the corresponding soil textural group for the soil to be treated. On alkaline (calcareous) soils with a pH of 7.4 or greater, apply Lexone 4L or Sencor 4F at 0.5 pint per acre on medium soils and 0.5 to 0.75 pint or corresponding equivalent of WP or DF formulations on fine soils. Use the higher rates of Lasso in the recommended ranges in areas of heavy weed infestations and for preplant incorporation applications. Use a minimum of 3.8 pounds of Lasso on coarse soils and 4.5 to 6 pounds in this tank mixture on medium or fine soils, when eastern black or hairy nightshade are present. Use 4.5 to 6 pounds of Lasso per acre preplant incorporated for control of yellow nutsedge.

**Use rates listed in this label when using Lexone 4L or Sencor 4F. Use equivalent rates when using the 50WP or DF formulations of these products. One pint of Lexone 4L or Sencor 4F equals 1 pound of the corresponding 50WP formulation or 2/3 pound of the corresponding DF formulation.

Lasso® plus LINURON

(TANK MIXTURE)

Apply this tank mixture in water or sprayable fluid fertilizer solution for control of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label.

NOTE: Plant seed at least 1-3/4 inches deep and DO NOT use on sand or loamy sand or on soils with less than 1% organic matter as crop injury may occur. DO NOT spray over the top of emerged soybeans.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom; landed

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

APPROVED APPLICATION METHODS

Preemergence Surface - Apply after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

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

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

Surface Application Rates

	BROADCAST RATES PER ACRE			
	1% to 3% organic matter		3% or more organic matter	
SOIL TEXTURAL GROUP*	Lasso® + (pounds)	linuron** 4L (quarts)	Lasso® + (pounds)	linuron** 4L (quarts)
Coarse-sandy loam only	2.6 to 3.4	0.5	2.6 to 3.4	0.5 to 0.75
Medium	2.6 to 3.4	0.5 to 0.75	3 to 3.8	0.75 to 1
Fine	3 to 3.8	1	3.4 to 4.1	1.25 to 1.5

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

**Use the rates listed on this label when using linuron 4L. Use equivalent rates when using linuron 50WP or 50% dry flowable

formulations. One quart of linuron 4L equals 2 pounds of linuron 50WP or 2 pounds of linuron 50% dry flowable.

**Lasso® plus LOROZ plus
(TANK MIXTURE)**

Apply this tank mixture in water or sprayable fluid fertilizer solution for control of annual grasses and broadleaf weeds listed in the 'WEEDS CONTROLLED' section of this label.

NOTE: Observe all precautions and limitations on the Lasso and Lorox Plus labels including precautions on soil pH, minimum recropping interval and rotational guidelines.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom; banded

Reference: The 'APPLICATION SYSTEMS' section of this label provides detailed information on the application of this tank mixture using the system selected.

APPROVED APPLICATION METHODS

Preemergence Surface - Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

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

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

Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE**		
	$\frac{1}{2}$ to 3%	3% or more	
	<u>organic matter</u>	<u>organic matter</u>	
	Lasso® (pounds)	Lasso® (pounds)	Lorox Plus (ounces)
Coarse- sandy loam only	2.6 to 3.4	2.6 to 3.4	12 to 14
Medium	2.6 to 3.4	3 to 3.8	14 to 16
Fine	3 to 3.8	3.4 to 4.1	16 to 18

*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 of Lasso in the recommended ranges in areas of heavy grass infestations, heavy crop residue or when broadleaf signalgrass is present. use the higher rate of Lorox Plus in the recommended ranges on soils with higher organic matter or heavy pressure from large deep germinating weed seeds.**

**Lasso® plus PREVIEW
(TANK MIXTURE)**

Apply this tank mixture in water or sprayable fluid fertilizer solution for control of annual grasses and broadleaf weeds listed in the 'WEEDS CONTROLLED' section of this label.

NOTE: Observe all precautions and limitations on the Lasso and Preview label including precautions of soil pH, sensitive soybean varieties, minimum recropping interval and rotational guidelines.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom

Reference: The 'APPLICATION SYSTEMS' section of the label provides detailed information on the application of this tank mixture using the system selected.

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this tank mixture within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil. Preplant incorporation may cause slight soybean injury early, but soybeans should recover with no subsequent effect on growth or yield.

Preemergence Surface - Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

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

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

Surface Application Rates

BROADCAST RATES PER ACRE**

SOIL TEXTURAL GROUP*	<u>1/2 to 3%</u> <u>organic matter</u>		<u>3% or more</u> <u>organic matter</u>	
	Lasso® (pounds)	Preview (ounces)	Lasso® (pounds)	Preview (ounces)
Coarse-sandy loam only	2.6 to 3.4	6	2.6 to 3.4	7
Medium	2.6 to 3.4	7	3 to 3.8	8
Fine	3 to 3.8	8	3.4 to 4.1	9

*Refer to the 'SOIL TEXTURE' section of this label to determine the corresponding soil textural group for the soil to be treated. DO NOT apply to soil with less than 1/2% organic matter.

**Use the higher rate of Lasso in the recommended ranges in areas of heavy grass infestations, heavy crop residue or when broadleaf signalgrass is present.

Preplant Incorporated Application Rates

BROADCAST RATES PER ACRE**

SOIL TEXTURAL GROUP*	<u>1/2 to 3%</u> <u>organic matter</u>		<u>3% or more</u> <u>organic matter</u>	
	Lasso® (pounds)	Preview (ounces)	Lasso® (pounds)	Preview (ounces)
Coarse-sandy loam only	3 to 3.8	6	3 to 3.8	7
Medium	3 to 3.8	7	3.4 to 4.1	8
Fine	3.4 to 4.1	8	3.8 to 4.5	9

*Refer to the 'SOIL TEXTURE' section of this label to determine the corresponding soil textural group of the soil to be tested. DO NOT apply to soil with less than 1/2% organic matter.

**Use the higher rate of Lasso in the recommended ranges in areas of heavy grass infestations, heavy crop residue or when broadleaf signalgrass is present. See 'WEEDS CONTROLLED' section of this label for specific rate recommendations on seedling johnsongrass, red rice and yellow nutsedge.

**Lasso® plus SCEPTER
(TANK MIXTURE)**

Apply this tank mixture in water or sprayable fluid fertilizer solution for control of yellow nutsedge and the annual grasses and broadleaf weeds listed in the 'WEEDS CONTROLLED' section of this label.

Note: Observe all precautions and limitations on the artner and Scepter labels before use of this tank mixture including precautions on minimum recropping interval and rotational guidelines.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom; banded

Aerial - Fixed wing; helicopter

Reference: The 'APPLICATION SYSTEMS' section of this abel provides detailed information on the application of this tank mixture using the system selected.

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this tank mixture within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil.

Preemergence Surface - Apply this tank mixture after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

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

BROADCAST RATE PER ACRE**

SOIL TEXTURAL GROUP*	Less than 3% <u>organic matter</u>		3% or more <u>organic matter</u>	
	Lasso® (pounds)	Lasso® (pounds)	Scepter*** (pints)	
Coarse	2.3 to 3	2.3 to 3	1/2 to 2/3	
Medium	2.3 to 3	2.6 to 3.4	1/2 to 2/3	
Fine	2.6 to 3.4	3 to 3.8	1/2 to 2/3	

*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 of Lasso in the recommended ranges in areas of heavy grass infestations, heavy crop residue or when the following weeds are present: fall panicum, barnyardgrass, broadleaf signalgrass, seedling johnsongrass, red rice or yellow nutsedge.

***Use the higher rate of Scepter in the recommended range when red rice, sicklepod, beggarweed or velvetleaf are present.

For improved control of heavy velvetleaf infestations, add 1/2 pint of Command 4E herbicide per acre to this tank mixture and preplant incorporate. Observe all precautions and limitations on the Scepter and Command labels before use of this tank mixture.

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**Lasso® plus TREFLAN
(TANK MIXTURE)**

Apply this tank mixture in water solution for control of the annual grasses and broadleaf weeds listed in the 'WEEDS CONTROLLED' section of this label.

NOTE: See The 'MIXING, SPRAYING AND HANDLING INSTRUCTION' section of this label for special mixing directions for Lasso plus Treflan.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom; banded

Aerial - Fixed wing; helicopter

Reference: The 'APPLICATION SYSTEMS' section of the label provides detailed information on the application of this tank mixture using the system selected.

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this tank mixture with 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil within 8 hours after application.

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

RECOMMENDED RATES: Preplant Incorporated - Apply 3.8 to 4.5 pounds of Lasso plus 0.5 quart of Treflan per acre. Applications which are not consistent with the recommendation in this label may result in unsatisfactory weed control or crop injury.

**Conservation or Minimum
Tillage Systems
TANK MIXTURES**

SOYBEANS ONLY

When applied as directed under the conditions described, these tank mixtures control many emerged annual weeds, suppress many emerged perennial weeds and give preemergence control of many annual grasses and weeds when soybeans will be planted directly into a cover crop, stale seedbed, or in previous crop residues such as wheat stubble.

These tank mixtures will not control regrowth from perennial weeds.

DO NOT APPLY BY AIR.

For mixing instructions, see the 'MIXING, SPRAYING AND HANDLING INSTRUCTIONS' section of this label.

- Lasso® plus GRAMOXONE SUPER ■
or
- Lasso® plus CANOPY plus GRAMOXONE SUPER ■
or
- Lasso® plus GEMINI plus GRAMOXONE SUPER ■
or
- Lasso® plus LEXONE plus GRAMOXONE SUPER ■
or
- Lasso® plus LINURON plus GRAMOXONE SUPER ■
or
- Lasso® plus LOROX plus GRAMOXONE SUPER ■
or
- Lasso® plus PREVIEW plus GRAMOXONE SUPER ■
or
- Lasso® plus SCEPTER plus GRAMOXONE SUPER ■
or
- Lasso® plus SENCOR plus GRAMOXONE SUPER ■

Apply these tank mixtures in 20 to 60 gallons of water per acre immediately before, during or after planting, but BEFORE CROP EMERGENCE. As density of stubble, crop residue or weeds increases, spray gallonage and rate should be increased within the recommended ranges to insure complete coverage. In the absence of emerged vegetation delete the Gramoxone Extra portion of these mixes.

CONTROL OR SUPPRESSION OF EMERGED WEEDS

■ **GRAMOXONE SUPER** ■

When used as directed, Gramoxone Super tank-mixed with labeled Lasso tank mixtures controls many emerged annual weeds and suppresses many emerged perennial weeds.

Broadcast Treatment - Apply 1.5 to 2.5 pints of Gramoxone Super in this tank mixture immediately before, during or after planting but

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BEFORE CROP EMERGENCE. Use the 2.5 pint rate if any weeds are 4 to 6 inches tall. This mixture may not control weeds taller than 6 inches. As density of stubble, crop residue or weeds increases, spray volume should be increased within the recommended range for complete coverage. Add a nonionic spreader surfactant (approved for use in growing crops) containing at least 75 percent surface active agent at 8 ounces per 100 gallons of diluted spray. REFER TO THE GRAMOXONE SUPER LABEL FOR PRECAUTIONARY STATEMENTS.

PREEMERGENCE WEED CONTROL

Lasso®

For weeds controlled preemergence, see the "WEEDS CONTROLLED" section of this label.

See the following table for recommended rates of Lasso on various soil types.

BROADCAST RATE PER ACRE (POUNDS)

SOIL TEXTURAL GROUP*	Lasso®
Coarse	3.8
Medium	4.5
Fine	4.5 to 5.3

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

Use the higher rate in the recommended ranges in areas of heavy grass infestation, or when organic matter content is 3 percent or more.

Lasso® plus CANOPY

For weeds controlled preemergence see the "WEEDS CONTROLLED" section of this label for Lasso and Lasso plus Canopy.

NOTE: Observe all precautions and limitations on the Lasso and Canopy labels including precautions on soil pH, sensitive soybean varieties and rotational crop restrictions.

See the following table for recommended rates of Lasso and Canopy in this tank mixture.

BROADCAST RATE PER ACRE**

SOIL TEXTURAL GROUP*	Lasso® (pounds)	+	Canopy (ounces)
Coarse - sandy loam only	2.6 to 3.4		6
Medium	3 to 3.8		8
Fine	3.8 to 4.5		10

*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 of Lasso and Canopy in areas of heavy weed infestation.

Lasso® plus GEMINI

For weed controlled preemergence see the 'WEEDS CONTROLLED' section of this label for Lasso plus Gemini.

Note: Observe all precautions and limitations on the Lasso and Gemini labels including precautions on soil pH and rotational crop restrictions.

See the following table for recommended rates of Lasso and Gemini in this tank mixture.

BROADCAST RATE PER ACRE**

SOIL TEXTURAL GROUP*	Lasso® (pounds)	+	Gemini (ounces)
Coarse - sandy loam only	2.6 to 3.4		12 to 16
Medium	3 to 3.8		16 to 20
Fine	3.8 to 4.5		20 to 24

*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 of Lasso and Gemini in areas of heavy weed infestation.

Lasso® plus LEXONE

or

Lasso® plus SENCOR

For weeds controlled preemergence, see the 'WEEDS CONTROLLED' section of this label for Lasso and Lasso plus Lexone 4L or Sencor 4F.

See the following table for recommended rates of Lasso plus Lexone 4L or Lasso plus Sencor 4F in this tank mixture on various soil types.

BROADCAST RATE PER ACRE

SOIL TEXTURAL GROUP*	Lasso® (pounds)	+	Lexone 4L** or Sencor 4F** (pints)
Coarse - sandy loam only	2.6 to 3.4		0.5 to 0.75
Medium	3 to 3.8		0.75 to 1
Fine	3.8 to 4.5		1 to 1.5***

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

**Use the rates listed in this label when using Lexone 4L or Sencor 4F. Use the equivalent rates when using the 50WP or DF formulations of these products. One pint of Lexone 4L or Sencor 4F equals one pound of the corresponding 50WP formulation or 2/3 pound of the corresponding DF formulation.

***On the heavy clay soils of the Mississippi Delta, use 1.5 pints of Lexone 4L or Sencor 4F per acre.

Use the higher rate of Lasso in the recommended ranges in areas of heavy grass infestations or when fall panicum or crabgrass will be present.

Use the higher rate of Lexone or Sencor in the recommended ranges on soils with greater than 3% organic matter.

DO NOT use this mixture on sand or loamy sand soils as crop injury from Lexone or Sencor may occur.

DO NOT use on muck soils.

DO NOT apply on alkaline soils with a pH greater than 7.4.

Crop injury may occur if atrazine was applied the year before use of this tank mixture.

DO NOT REPLANT CROPS OTHER THAN SOYBEANS FOR 120 DAYS AFTER APPLICATION OF THESE TANK MIXTURES.

■ **Lasso® plus LINURON** ■

For weeds controlled preemergence, see the 'WEEDS CONTROLLED' section of this label for Lasso and Lasso plus linuron.

See the following table for recommended rates of Lasso and linuron in this tank mixture.

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SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (QUARTS)	
	Lasso® (pounds)	+ linuron 4L** (quarts)
Coarse - sandy loam only	2.6 to 3.4	0.5 to 0.75
Medium	3 to 3.8	0.75 to 1
Fine	3.8 to 4.5	1 to 1.5

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

**Use the rates listed on this label when using linuron 4L. Use equivalent rates when using linuron 50WP or 50 percent dry flowable formulations. One quart of linuron 4L equals 2 pounds of linuron 50WP or 50 percent dry flowable formulation.

) Use the higher rate of Lasso in the recommended ranges in areas of heavy grass infestation or when fall panicum or crabgrass will be present.

Use the higher rate of linuron in the recommended ranges on soils with greater than 3% organic matter.

DO NOT use this tank mixture on sand or loamy sand or on soil with less than 1% organic matter as crop injury from linuron may occur.

■ **Lasso® plus LOROX PLUS** ■

For weeds controlled preemergence see the "WEEDS CONTROLLED" section of this label for Lasso and Lasso plus Lorox Plus.

NOTE: Observe all precautions and limitations on the Lasso and Lorox Plus labels including precautions on soil pH and rotational crop restrictions.

See the following table for recommended rates of Lasso and Lorox Plus in this tank mixture.

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE**	
	Lasso® (pounds)	+ Lorox Plus (ounces)
Coarse - sandy loam only	2.6 to 3.4	12 to 14
Medium	3 to 3.8	14 to 16
Fine	3.8 to 4.5	16 to 18

*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 of Lasso and Lorox Plus in areas of heavy weed infestation.

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Lasso® plus PREVIEW

For weeds controlled preemergence see the 'WEEDS CONTROLLED' section of this label for Lasso and Lasso plus Preview.

NOTE: Observe all precautions and limitations on the Lasso and Preview labels including precautions on soil pH, sensitive soybean varieties and rotation crop restrictions. See the following table for recommended rates of Lasso and Preview in this tank mixture.

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE**	
	Lasso® (pounds)	+ Preview (ounces)
Coarse - sandy loam only	2.6 to 3.4	6
Medium	3 to 3.8	7
Fine	3.8 to 4.5	8

*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 of Lasso and Preview in areas of heavy weed infestation.

Lasso® plus SCEPTER

For weeds controlled preemergence, see the 'WEEDS CONTROLLED' section of this label for Lasso and Lasso plus Scepter.

Note: Observe all precautions and limitations on the Lasso and Scepter labels before use of this tank mixture including minimum recropping interval and rotational guidelines.

See the following table for recommended rates of Lasso and Scepter in this tank mixture.

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE**	
	Lasso® (pounds)	+ Scepter (pints)
Coarse - sandy loam only	2.6 to 3.4	2/3
Medium	3 to 3.8	2/3
Fine	3.8 to 4.5	2/3

*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 of Lasso in areas of heavy weed infestations.

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DRY BEANS

When making applications on dry beans, do not make more than one application per year or exceed a total of 3 pounds of alachlor per acre per year.

Dry Beans (All Types)

FOR USE ONLY WEST OF THE MISSISSIPPI RIVER, EXCEPT IN KERN COUNTY, CALIFORNIA.

Lasso®

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

NOTE: DO NOT APPLY ON DRY BEANS AFTER PLANTING AS CROP INJURY MAY OCCUR. This product may delay crop maturity and/or reduce yield if cold, wet soil conditions occur after planting.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom

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

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this product within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil.

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

RECOMMENDED RATES: Apply 3.8 to 4.5 pounds of this product per acre and shallowly incorporate prior to planting. Use the higher rate in areas of heavy weed infestations or when eastern black or hairy nightshade or yellow nutsedge are present. Applications which are not consistent with recommendations in this label may result in unsatisfactory weed control or crop injury.

**Lasso® FOLLOWED BY
AMIBEN**

Dry Beans (All Types)

FOR USE IN MICHIGAN ONLY

Apply Amiben as a sequential preemergence application to Lasso preplant incorporated.

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APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom

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

APPROVED APPLICATION METHODS

Lasso®

Preplant Incorporated - Apply this product within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil.

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

AMIBEN

Preemergence Surface - Apply Amiben after planting and before crop and weed emergence. Read and carefully follow all use instructions and precautionary statements listed on the Amiben label.

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

RECOMMENDED RATES: Lasso - Apply 3 pounds of this product per acre and shallowly incorporate or Surface Blend prior to planting.

NOTE: DO NOT USE ON SAND OR LOAMY SANDS. DO NOT APPLY ON DRY BEANS AFTER PLANTING AS CROP INJURY MAY OCCUR. This product may delay crop maturity and/or reduce yield if cold, wet soil conditions occur after planting.

AMIBEN - Apply 4 quarts of this product per acre.

NOTE: When Lasso followed by Amiben is used on soils with 6 percent or more organic matter, weed control may be reduced.

**Lasso® plus EPTAM
(TANK MIXTURE)
Dry Beans (All Types)**

**FOR USE ONLY IN MICHIGAN AND
WEST OF THE MISSISSIPPI RIVER,
EXCEPT IN CALIFORNIA**

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

NOTE: Read the label for Eptam thoroughly for rotational crop restrictions. This tank mixture may delay crop maturity and/or reduce yield if cold, wet soil conditions occur after planting.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom

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

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this tank mixture within 7 days prior to planting and shallowly incorporate into the upper 2 inches of soil immediately.

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

RECOMMENDED RATES: Apply 3 to 4.5 pounds of Lasso plus 2 to 3 pints of Eptam 7-E per acre. Use the higher recommended rate of Lasso for this tank mixture when heavy weed infestations, eastern black or hairy nightshade or yellow nutsedge are present. USE ONLY THE 3-POUND RATE OF Lasso IN MICHIGAN. Applications which are not consistent with recommendations in this label may result in unsatisfactory weed control or crop injury.

Lasso® plus TREFLAN
(TANK MIXTURE)
Dry Beans (All Types)

FOR USE ONLY WEST OF THE MISSISSIPPI
RIVER, EXCEPT IN KERN COUNTY, CALIFORNIA.

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

NOTE: Read the label for Treflan thoroughly for rotational crop restrictions. This tank mixture may delay crop maturity and/or reduce yield if cold, wet soil conditions occur after planting.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom

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

APPROVED APPLICATION METHODS

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Preplant Incorporated - Apply this tank mixture within 7 days prior to planting and shallowly incorporate into the upper 2 inches of soil within 8 hours after application.

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

RECOMMENDED RATES: Apply 3.8 to 4.5 pounds of this product plus 1/2 quart of Treflan per acre. Use the higher rate of this product for this tank mixture in areas of heavy weed infestation or when eastern black or hairy nightshade or yellow nutsedge are present. Applications which are not consistent with recommendations in this label may result in unsatisfactory weed control or crop injury.

Lasso®

Red Kidney Bean Types Only

FOR USE IN ILLINOIS AND WISCONSIN ONLY

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

NOTE: This product may delay crop maturity and/or reduce yield if cold, wet soil conditions occur after planting.

NOTE: Only one application of Lasso may be made per cropping season.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom; banded

Reference: The 'APPLICATION SYSTEMS' section of this label provides detailed information on the application of this tank mixture using the system selected.

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this product within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil.

Preemergence Surface - Apply this product after planting, before crop and weed emergence and within 5 days after last preplant tillage operation.

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

RECOMMENDED RATES: Apply 3.8 to 4.5 pounds of this product per acre. Use the higher recommended rate when heavy weed infestations,

eastern black or hairy nightshade or yellow nutsedge are present. Preplant incorporate only for control of yellow nutsedge.

LIMA BEANS (GREEN)

When making applications on lima beans, do not make more than one application per year or exceed a total of 3 pounds of alachlor per acre per year.

**FOR USE IN ALL STATES,
EXCEPT IN KERN COUNTY, CALIFORNIA**

Lasso®

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

NOTE: This product may delay crop maturity and/or reduce yield if cold, wet soil conditions occur after planting.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom

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

APPROVED APPLICATION METHODS

Preplant Incorporated - Apply this product within 7 days prior to planting and shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil.

Preemergence Surface - Apply this product after planting and before crop and weed emergence and within 5 days after the last preplant tillage operation.

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

RECOMMENDED RATES: Refer to the following table for recommended broadcast treatment rates.

Surface Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)
	Lasso®
Coarse	2.3 to 3
Medium	3.8 to 4.5
Fine**	3.8 to 4.5

*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 or when eastern black or hairy nightshade are present.

NOTE: Preemergence applications are not recommended for use in Illinois or Wisconsin as crop injury may occur.

Preplant Incorporated Application Rates

SOIL TEXTURAL GROUP*	BROADCAST RATE PER ACRE (POUNDS)
	Lasso®
Coarse	3
Medium	3.8 to 4.5
Fine**	3.8 to 4.5

*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 or when eastern black or hairy nightshade or yellow nutsedge are present.

MUNG BEANS

When making applications on mung beans, do not make more than one application per year or exceed a total of 2 pounds of alachlor per acre per year.

FOR USE IN OKLAHOMA ONLY

Lasso®

Apply this product in water solution for control of 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 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.

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

RECOMMENDED RATES: Refer to the following table for recommended broadcast rates.

Surface Application Rates

SOIL TEXTURAL GROUP	BROADCAST RATE PER ACRE (POUNDS)
	Lasso®
Coarse*	2.3
Medium	3
Fine	3

*DO NOT USE ON SAND AS CROP INJURY MAY OCCUR.

WOODY ORNAMENTALS

Lasso®

FOR USE ON JUNIPER
(JUNIPERUS SPP.)
AND YEW (TAXUS SPP.)

Apply this product in water solution for control of the annual grasses and broadleaf weeds listed in the 'WEEDS CONTROLLED' section of this label.

NOTE: Topical application or contact of this product with green foliage of the woody ornamental may cause injury and is not recommended. In case green foliage is accidentally sprayed, overhead irrigation within 1 hour after application will minimize injury symptoms (i.e., leaf tip burn, discoloration, distortion, etc.). This product is recommended for this use for application by certified, professional applicators only.

DO NOT USE THIS PRODUCT ON SEEDBEDS, UNROOTED CUTTINGS OR PRIOR TO TRANSPLANTING. DO NOT USE THIS PRODUCT IN GREENHOUSES OR OTHER

ENCLOSED STRUCTURES, APPLIED THROUGH IRRIGATION SYSTEMS OR MIXED WITH SPRAYABLE FLUID FERTILIZERS. APPLICATIONS DURING PERIODS WHEN TEMPERATURE EXCEEDS 90°F MAY CAUSE INJURY TO ORNAMENTALS.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast boom; banded

Reference: The 'APPLICATION SYSTEMS' section of this label provides detailed information on the application of this tank mixture using the system selected.

APPROVED APPLICATION METHODS

Post-Transplant Directed - Apply this product as a directed spray after transplanting or to established plantings prior to weed emergence.

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

RECOMMENDED RATES: Apply 6 pounds of this product per acre as a broadcast treatment. Applications which are not consistent with the recommendations in this label may result in unsatisfactory weed control or injury to ornamental plantings.

NOTE: Repeat applications of this product may be required for sustained weed control. DO NOT exceed 3 applications per year or retreat within 21 days.

APPENDIX

LIST OF COMMON AND SCIENTIFIC NAME OF ANNUAL GRASSES AND BROADLEAF WEEDS.

ANNUAL GRASSES

Barnyardgrass

Echinochloa crus-galli

Crabgrass

Digitaria ischaemum

Digitaria sanguinalis

Cupgrass, woolly

Eriochloa villosa

Foxtail, giant

Setaria faberi

Foxtail, green, robust

purple, robust white

Setaria viridis

74.5B

Foxtail, yellow
Setaria lutescens

Goosegrass
Eleusine indica

Johnsongrass, seedling
Sorghum halepense

Millet, proso
Panicum miliaceum

Panicum, browntop
Panicum fasciculatum

Panicum, fall
Panicum dichotomiflorum

Panicum, Texas
Panicum texanum

Rice, red
Oryza sativa

Sandbur, Grassbur
Cenchrus incertus

Shattercane, wild cane
Sorghum bicolor

Signalgrass, broadleaf
Brachiaria platyphylla

Sprangletop, re
Leptochloa filiformis

Witchgrass
Panicum capillare

ANNUAL BROADLEAVES

Beggarweed, Florida
Desmodium tortuosum

Carpetweed
Mollugo verticillata

Cocklebur
Xanthium strumarium

Coffeeweed,
Hemp sesbania
Sesbania exaltata

Copperleaf, hophornbean

2275

Acalypha spp.

Galinsoga
Galinsoga spp.

Groundcherry, annual
Physalis spp.

Groundcherry, cutleaf
Physalis angulata

Jimsonweed
Datura stramonium

Kochia
Kochia scoparia

Lambsquarters
Chenopodium album

Morningglory:

Tall
Ipomea purpurea

Pitted
Ipomea lacunosa

Ivyleaf
Ipomea hederacea

Entireleaf
Ipomea hederacea
var. *intergriuscula*

Smallflower
Jacquemontia tamnifolia

Mustard
Brassica spp.

Nightshade, black
Solanum nigrum

Nightshade, hairy
Solanum sarrachoides

Pigweed, Carelessweed
Amaranthus spp.

Purslane
Portulaca oleracea

Pusley, Florida
Richardia scabra

Ragweed, common
Ambrosia artemisiifolia

Ragweed, giant
Ambrosia trifida

sicklepod

Cassia obtusifolia

Sida, prickly; Teaweed

Sida spinosa

Smartweed

Polygonum pensylvanicum

Polygonum persicaria

Starbur, bristly

Acanthospermum

hispidum

Sunflower, common

Helianthus annuus

Velvetleaf, Buttonweed

Abutilon theophrasti

Waterhemp

Amaranthus tuberculatos

SEDGE

Nutsedge, yellow

Cyperus esculentus

EPA Reg. No. 524-403

843.12-000.26/53

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

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