

Lasso

ME

HERBICIDE BY

Monsanto

Herbicide for weed control in
Dry Beans, Green Lima Beans, Peas,
Potatoes and Soybeans.

Complete Directions for Use

Lasso ME is referred to throughout these instructions
as Lasso.

U.S. Pat. No. 3,547,620

EPA Reg. No. 524-344

1983 Z

4-843 11 000 08-53

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

USE THESE CONVENIENT SECTION MARKERS.



PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

MAY CAUSE EYE AND SKIN IRRITATION
HARMFUL IF ABSORBED THROUGH SKIN.
MAY CAUSE ALLERGIC SKIN REACTION

Avoid contact with eyes, skin and clothing.

Wear goggles or face shield and rubber gloves in
transferring and mixing and when adjusting, repairing
or cleaning equipment.

Wash thoroughly after handling.

FIRST AID IN CASE OF CONTACT: immediately flush
eyes or skin with plenty of water for at least 15
minutes while removing contaminated clothing. For
eyes, call a physician. Wash clothing before reuse.
Sensitized persons should avoid further contact and
reuse of clothing.

Physical or Chemical Hazard

In case of

SPILL or LEAK: soak up, remove and keep away from
humans and domestic animals.

524-344

Read the entire label.

Use only according to label instructions.

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

LIMIT OF WARRANTY AND LIABILITY

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

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

Buyer and all users are responsible for all loss or
damage from use or handling which results from con-
ditions beyond the control of this company, including
but not limited to incompatibility with products other
than those set forth in the Directions, unusual weather,
i) weather conditions which are outside the range
considered normal at the application site and for the
time period when the product is applied with the
normal range being determined on the basis of the
average range for the prior 40 years computed from
the best available information, and ii) weather perils,
including but not limited to hurricanes, tornadoes and

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floods) as well as weather considerations set forth in
the Directions. Application in any manner not explic-
itly set forth in the Directions, moisture conditions
outside the moisture range specified in the Directions,
or the presence of products other than those set forth
in the Directions in or on the soil or crop.

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

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

ACCEPTED

FEB 1 3 1984

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Environmental Hazards

Avoid direct application to any body of water. Do not
contaminate water by cleaning of equipment or
disposal of waste.

Storage and Disposal

**STORE ABOVE - 4°F TO KEEP PRODUCT FROM
FREEZING.**

Below - 4°F the product may freeze. If frozen, place
in a warm room (72°F) and shake the container for
several days before using.

Do not contaminate water, foodstuffs, seed or feed by
storage or disposal. Open dumping is prohibited.

This product, spray mixture or residue that cannot be
used or chemically reprocessed should be disposed of
according to applicable federal, state or local
procedures.

Triple rinse container. Then dispose of in a sanitary
landfill or by incineration if allowed by state and local
authorities. Do not reuse container.

For containers larger than 2.5 gallons, see the front
panel labeling for storage and disposal information.

Consult federal, state or local disposal authorities for
approved alternative procedures.

ACTIVE INGREDIENTS*

Alachlor (2-chloro-2-(2-diethyl N
(methoxymethyl) acetamido) 41.5%

INERT INGREDIENTS 58.5%

100.0%

*Contains 480 grams / litre or 4 pounds / gallon

EPA Reg. No. 524-344

GENERAL INFORMATION

Lasso[®] herbicide is recommended for control of yellow
nutsedge and the annual grasses and broadleaf weeds
listed in the **WEEDS CONTROLLED** section of this
label. This product may be applied either as a surface
application 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.

*Lasso is a registered trademark of Monsanto Company.

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

**NOTE THAT PARAQUAT HERBICIDE IS A POISON
WHICH MAY BE FATAL OR HARMFUL TO HUMANS AND
DOMESTIC ANIMALS.**

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 containers closed to
prevent spills and contamination.

Flush sprayer with clean water after use.

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12/30/83

SOIL TEXTURE

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

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

MIXING AND SPRAYING INSTRUCTIONS

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. For soybeans

only Lasso and the tank mixtures of Lasso plus Lorox herbicide and Lasso plus Sencor[®] or Lesone[®] herbicides may be applied in sprayable fluid fertilizers. DO NOT apply Lasso or labeled tank mixtures of Lasso in sprayable fluid fertilizer 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 to improve mixing or to prevent the formation of undesirable and unsprayable gels or precipitates, while agitating add it to the carrier already in the tank. 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. 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.
5. If a flowable formulation is used, add slowly through screen into the tank. Mixing and compatibility may be improved when flowable is pre-mixed one part flowable with one part water and added to the tank in diluted form.

6. Add Lasso slowly through the screen into the tank. Mixing and compatibility may be improved when this product is pre-diluted with two parts of water and added to the tank in diluted form.

7. Complete filling the sprayer tank with carrier. If Roundup or paraquat 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.

[®]Bonnel is a trademark of Velsicol Chemical Corp.

[®]Blades is a trademark of the Shell Chemical Company.

[®]Lorox is a trademark of E. I. du Pont de Nemours and Company.

[®]Lesone is a trademark of E. I. du Pont de Nemours and Company.

[®]Sencor is a trademark of the parent company of Farbwerke Bayer GmbH, Leverkusen.

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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.

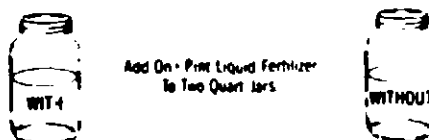
The test follows:

A. Materials Required For A Compatibility Test

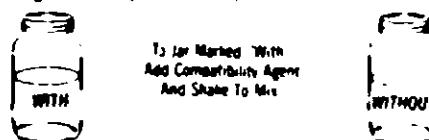
1. Two one-quart jars with lid or stopper (marked "with" and "without").
2. Teaspoons (for a more exacting test, a five to ten milliliter (ml) pipette or graduated cylinder is desirable).
3. Sprayable fluid fertilizer to be tested.
4. The herbicide chemicals to be mixed.
5. A compatibility agent (the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

B. Procedure

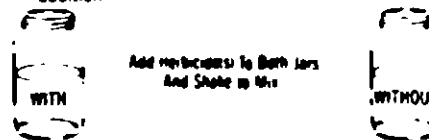
1. Add one pint of the sprayable fluid fertilizer that will be used or other herbicide carrier to each jar marked "with" and "without".



2. 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.)



3. To each jar add the appropriate amount of herbicide(s). 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.



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

HERBICIDE	RATE - A	Level Teaspoons
Wettable	1 lb	= 1.5
Powders	2 lb	= 3
or	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 with the maximum labeled rate of herbicide. For changes in spray volume or herbicide concentration, 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 = 3/4 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; wettable powders 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

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:

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

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

Center Pivot Irrigation Treatment - Use only in systems that apply uniformly. Do not apply when wind speed favors drift when system connections or fittings leak when nozzles do not provide uniform distribution or when the line containing the product must be

dismantled and drained. Meter diluted Lasso herbicide or a labeled tank mixture of Lasso into the center pivot irrigation system after planting and before crop or weed emergence. Herbicide applications should be made in 1/2 to 1 inch of water per acre. Do not apply in more than 1/2 inch water per acre under any conditions or reduced performance may occur. On very sandy soils (more than 60% sand and less than 1% organic matter) apply these herbicides in a maximum of 1/2 inch water per acre. Good agitation must be maintained during the entire application period. Have appropriate check valves or other suitable devices in the system to insure that the herbicide solution cannot siphon back into the water supply. Flush the system with water when application is complete. If spills of the herbicide concentrate occur, immediately wash off the system.

NOTE: Applications can be made by injection through center pivot irrigation equipment only, when specified for the crop to be treated in the "DIRECTIONS FOR USE" section of this label. Do not apply this product or any labeled tank mixture through center pivot irrigation unless the treatment is specifically recommended in this label for the crop to be treated.

Equipment must be constructed of materials which are resistant to Lasso. Calibration information is available in the booklet "How to Apply Lasso Herbicide with Center Pivot Irrigation" at your local farm chemical dealer or by writing Monsanto Company.

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Aerial Application - This product and only the following designated tank mixes may be applied by aerial equipment only when and as specified for the crop to be treated in the "DIRECTIONS FOR USE" section of this label.

Use the minimum aerial spray volumes indicated in the following table:

CROP	HERBICIDE TREATMENT	GALLONS PER ACRE
Peas	Lasso	3
Potatoes	Lasso	3
	Lasso + Lexone	3
	Lasso + Sencor	3
Soybeans	Lasso	3
	Lasso + Loran	3
	Lasso + Lexone	3
	Lasso + Sencor	3
	Lasso + Amiben*	5

AVOID DRIFT - Do not apply when winds are gusty or in excess of 5 miles per hour or when other conditions will allow drift to occur. Any resulting drift can damage nearby crops, vegetation or other areas on which treatment is not intended and can cause application to be streaked and uneven, reducing the effectiveness of this product. Coarse sprays are less likely to drift; therefore, do not use nozzles or nozzle configurations which dispense spray as fine spray droplets. Do not

angle nozzles forward into the airstream and do not increase spray volume by increasing nozzle pressure. Use visible markers or other acceptable marking devices to avoid possible crop injury or streaked weed control due to overlapping or improperly spaced spray swaths.

*Amiben is a trademark of Union Carbide Agricultural Products Inc.

Application with Dry Bulk Fertilizer - The herbicide-fertilizer impregnation process must be done only at commercial fertilizer or chemical dealerships properly equipped for this procedure.

Dry bulk fertilizer may be impregnated with Lasso or the tank mixtures of Lasso plus Lexone or Sencor on soybeans. Lasso and these tank mixtures must be applied with 200 to 450 pounds of dry bulk fertilizer per acre and shallowly incorporated within 7 days prior to planting. The proper amount of herbicide must be applied per acre in the blend 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 LIQUID herbicide to be mixed per ton of dry bulk fertilizer for a range of herbicide recommendations for fertilizer rates per acre.

Fertilizer Rate (lb. Acre) (Per Ton)	Acres Covered	RECOMMENDED QUARTS LIQUID HERBICIDE PER ACRE			
		5	10	15	25
200	10	15	20	25	30
250	8	12	16	20	24
300	6.7	10	13.3	16.7	20
350	5.7	8.6	11.4	14.3	17.1
400	5	7.5	10	12	15
450	4.5	6.7	8.9	11.1	13.3

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

$$\frac{\text{Recommended Herbicide Rate (lb. or qt.) Acre} \times 2000}{\text{Pounds Fertilizer Acre}} = \frac{\text{Pounds or Quarts of herbicide per ton of dry bulk fertilizer}}{\text{dry bulk fertilizer}}$$

Mix and blend the dry fertilizer and herbicide mixture in a closed rotary-drum type mixer allowing sufficient time to ensure uniform coverage. Use at least one ton of dry fertilizer per mixing operation. Inject the herbicide into the drum over a minimum of a 2 minute period and allow at least 2 additional minutes mixing time to ensure uniformity. The nozzle used to spray the herbicide treatment must be placed inside the mixer.

to provide uniform spray coverage of the tumbling fertilizer.

If the dry fertilizer used has inadequate adsorptive capacity, use a highly adsorptive powder such as Microcel E to provide a free-flowing mixture. The adsorptive powder must be added separately and uniformly to the prepared herbicide fertilizer mixture. Generally less than 2 percent by weight of Microcel E is required. The following table provides a partial list of dry fertilizers which may be impregnated with Lasso or tank mixtures of Lasso with other herbicides.

Fertilizer	Lasso*	Lasso + Levone Sencor
Ammonium sulfate (21-0-0)	Yes	Yes
Ammonium phosphate sulfate (16-20-0)	Yes	Yes
Diammonium phosphate (18-46-0)	Yes	Yes
Potassium chloride (0-0-60)	Yes	Yes
Potassium sulfate (0-0-52)	Yes	Yes
Single super phosphate (0-20-0)	Yes	No
Treble super phosphate (0-46-0)	Yes	No
Urea (45-0-0)	Yes	Yes

*Blends suitable for use in soybeans such as 0-26-26 are also approved for use with Lasso and the tank mixtures listed.

NOTE: DO NOT impregnate Lasso or tank mixtures of Lasso 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. Fertilizers impregnated with Lasso or tank mixtures of Lasso with other herbicides 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.

Preemergence Surface Application — This product and all labeled tank mixtures except Lasso plus Trellan™ may be applied to the soil surface after planting and prior to either crop or weed emergence. Apply within 5 days of last preplant tillage. If weeds emerge after treatment, or if treatment is applied more than 5 days after last preplant tillage, rotary hoe or shallowly cultivate immediately to improve performance.

™Trellan is a trademark of Elanco Products Company.

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 to 1½ 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. Either existing soil moisture or subsequent precipitation or irrigation is required to bring incorporated herbicide treatments into contact with germinating weed seedlings. If weeds emerge after treatment, rotary hoe or shallowly cultivate immediately to improve performance.

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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. Incorporation is not recommended on coarse soils in the Southeastern States.

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 Blending.

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. If a band application is used and weeds have emerged in the treated band, set cultivator to throw soil into the row, covering the band.

*Surface Blend is a trademark of Monsanto Company.

WEEDS CONTROLLED

When applied as directed under conditions described, yellow nutsedge and the annual grasses and broadleaf weeds listed are **CONTROLLED** by Lasso.

LASSO*

ANNUAL GRASSES

Barnyardgrass
Echinochloa crus-galli
Crabgrass
Digitaria ischaemum
Digitaria sanguinalis
Fertail (green)
Setaria faberii
Fertail (green, robust purple, robust white)
Setaria viridis
Fertail (yellow)
Setaria futescens
Goosegrass
Eleusine indica

ANNUAL BROADLEAVES

Carpetweed
Mollugo verticillata
Galinsoga
Galinsoga spp.
Nightshade (black)**
Solanum nigrum
Nightshade (fluffy)**
Solanum sarachodes
Pigweed, Convolvulus
Amaranthus spp.
Purslane
Portulaca oleracea
Pursley (Florida)
Richardia scabra

ANNUAL GRASSES

Panicum (fall)
Panicum
dichotomiflorum
Rice (red)**
Oryza sativa
Signalgrass (broadleaf)
Brachiaria platyphylla
Witchgrass
Panicum capillare

SEDGE

Nutsedge (yellow)**
Cyperus esculentus

*Use a minimum of 2.5 quarts of this product per acre on coarse soils and 3 to 4 quarts alone or in tank mix combinations on medium and fine textured soils for control of these weeds.

**Use 3 to 4 quarts of this product per acre applied alone or in tank mix combinations listed on this label. Preplant incorporate only for control of these weeds.

When applied preplant incorporated or preemergence immediately after planting and within 5 days of last tillage, Lasso at a rate of 2.5 to 4 quarts per acre on a broadcast basis applied alone or in a labeled tank mixture **REDUCES COMPETITION** from the following hard to control annual grasses and broadleaf weeds:

ANNUAL GRASSES

Johnsongrass (seedling)
Sorghum halepense
Panicum (Texas)*
Panicum texanum

ANNUAL BROADLEAVES

Boggyweed (Florida)
Desmodium illinoense
Lambquarters
Chenopodium album

Sedgex, Grasses	Ragweed (common)
<i>Cenchrus pauciflorus</i>	<i>Ambrosia artemisiifolia</i>
<i>Shattercane (wild cane)**</i>	<i>Sida (prickly), Ragweed</i>
<i>Sorghum bicolor</i>	<i>Sida spinosa</i>
	Smartweed
SEDGE	Polygonum
Nutsedge (yellow)***	<i>pensylvanicum</i>
<i>Cyperus esculentus</i>	<i>Polygonum persicaria</i>

*For reduced competition from this weed use a minimum of 3 quarts per acre and apply through center pivot irrigation or under sprinkler irrigation systems.

**Use 4 quarts per acre of this product applied alone or in tank mix combinations listed in this label. Preplant incorporate only to reduce competition from this weed.

***Use 3 to 4 quarts per acre as a preemergence surface application on coarse textured soils with less than 3% organic matter to reduce competition from this weed.

When applied as directed under conditions described tank mixtures of Lasso with products listed in the following table will control or reduce competition from the additional broadleaf weeds as indicated. Refer to the crop on which treatment is intended in the "DIRECTIONS FOR USE" section of this label to determine the tank mixtures and rates recommended for use in each crop.

NOTE C = Control R = Reduced Competition

	Amben [®]	Lora [™]	Senor [™] /Lasso [™]	Trellan [™]
Cocklebur				
<i>Xanthium</i>				
<i>pensylvanicum</i>	•	•	R	•
Jimsonweed				
<i>Datura stramonium</i>	•	•	R	•
Kochia				
<i>Kochia scoparia</i>	•	•	•	C
Lambsquarters				
<i>Chenopodium</i>				
<i>album</i>	C	C	C	•
Mustard				
<i>Brassica spp</i>	R	C	•	•
Ragweed (common)				
<i>Ambrosia</i>				
<i>artemisiifolia</i>	C	C	C	•
Sicklepod				
<i>Cassia obtusifolia</i>	•	•	R	•
Sida (prickly),				
Teawood				
<i>Sida spinosa</i>	•	C	•	•

Smartweed				
<i>Polygonum</i>				
<i>pensylvanicum</i>				
<i>Polygonum</i>				
<i>persicaria</i>	C	C	C	•
Velvetleaf,				
Buttonweed				
<i>Abutilon</i>				
<i>theophrasti</i>	R	R	R	•

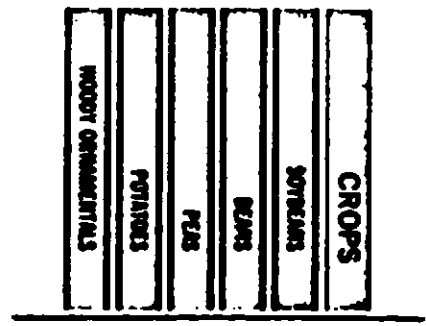
Basagran[™] may be applied sequentially to Lasso in soybeans for control of additional emerged weeds listed on the Basagran label such as cocklebur and velvetleaf.

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Certain tank mixtures of Lasso and broadleaf herbicides may be combined with applications of paraquat for control of many emerged weeds prior to soybean emergence. Refer to the paraquat label for a list of emerged weeds controlled by tank mixtures with these products.

*Basagran is a trademark of BASF Aktiengesellschaft, Ludwigshafen am Rhein.

Read each of these sections of this label for essential product performance information.
USE THESE CONVENIENT SECTION MARKERS.



DIRECTIONS FOR USE

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

SOYBEANS

LASO[®]

Apply one treatment of 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
- Center Pivot Irrigation
- Aerial — Fixed Wing or Helicopter
- Dry Bulk Fertilizer Impregnation

Reference The "APPLICATION SYSTEMS" section of this label provides detailed information on the proper 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.

SOIL TEXTURE GROUP*	BROADCAST RATE PER ACRE (QUARTS)**	
	Less than 3% organic matter	3% or more organic matter
Coarse***	2	2
Medium	2.5	2.5 to 3
Fine	3	3 to 4

*Refer to the "SOIL TEXTURE" section of this label to determine the corresponding texture 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 2.5 quarts of this product per acre on coarse soils and 3 to 4 quarts on medium or fine textured soils to control black or hairy nightshade or to reduce competition from hard-to-control weeds listed in this label.

***When applied through CENTER PIVOT IRRIGATION or under sprinkler irrigation systems on coarse soils, use a minimum of 3 quarts per acre of this product.

On coarse soils with 10% or more organic matter use 4 to 6 quarts of Lasso herbicide per acre. On much or peat soils use 6 to 8 quarts per acre. Use the higher rate of Lasso herbicide in the recommended ranges in areas of heavy weed infestations.

Preplant Incorporated Application Rates

SOIL TEXTURE GROUP*	BROADCAST RATE PER ACRE (QUARTS)
COARSE***	2.5
MEDIUM	3 to 3.5
FINE	3.5 to 4

*Refer to the "SOIL TEXTURE" section of this label to determine the corresponding texture 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 quarts per acre on coarse textured soils for control of yellow nutsedge or red rice. Rates may be increased to a maximum of 4 quarts on any soil type when heavy infestations of yellow nutsedge or red rice are present or to reduce competition from the hard-to-control weeds listed in this label.

***On coarse soils with 10% or more organic matter use 4 to 6 quarts of Lasso herbicide per acre. On much or peat soils use 6 to 8 quarts per acre. Use the higher rate of Lasso herbicide in the recommended ranges in areas of heavy weed infestations.

NOTE: Do not feed soybean hay from treated crop.

6011 LASSO[®] plus AMIBEN (TANK MIXTURE)

Apply one treatment of this tank mixture in water 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

Aerial — Fixed Wing or Helicopter

Reference The "APPLICATION SYSTEMS" section of this label provides detailed information on the proper 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 2.5 to 3 quarts of Lasso plus 4 quarts of Amiben per acre.

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NOTE: Use the 3 quart per acre rate of Lasso in areas of heavy weed infestation. Use 3 to 4 quarts of Lasso when black or hairy nightshade, yellow nutsedge or red rice is present or to reduce competition from the hard to control weeds listed in this label.

Preemergence Surface — 2 quarts Lasso plus 4 quarts Amiben per acre.

NOTE: Use a minimum of 2.5 quarts of Lasso on coarse soils and 3 to 4 quarts in this tank mixture on medium or fine textured soils to control black or hairy nightshade or to reduce competition from hard to control weeds listed in this label.

NOTE: Do not feed soybean hay from treated crop.

LASSO[®] plus LEXONE

or

LASSO plus SENCOR (TANK MIXTURE)

Apply one treatment of 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 much 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.

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 or Helicopter

Dry Bulk Fertilizer Impregnation

Reference The "APPLICATION SYSTEMS" section of this label provides detailed information on the proper 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

SOIL TEXTURE GROUP*	BROADCAST RATES PER ACRE			
	Less than 3% organic matter		3% or more organic matter	
	Lexone 4L** or Lasso [®] + Sencor 4F** (quarts)	Lexone 4L or Lasso + Sencor 4F (pints)	Lexone 4L or Lasso + Sencor 4F (quarts)	Lexone 4L or Lasso + Sencor 4F (pints)
Coarse — Sandy	2	0.5	2	0.75
Loam only				
Medium	2	0.75	2	1
Fine	2	1	2.5	1

*Refer to the "SOIL TEXTURE" section of this label to determine the corresponding texture 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 5L WP or DF formulations of these products. One pint of Lexone 4L or Sencor 4F equals one pound of the corresponding 5L WP formulation; or 1/2 pound of the corresponding DF formulation.

NOTE: DO NOT use on sand or loamy sand soil. Use 1.5 to 2 pints of Lexone 4L or Sencor 4F per acre in this tank mixture when applying on silty clay and heavy clay soils of the Mississippi Delta. Use a minimum of 2.5 quarts of Lasso on coarse soils and 3 to 4 quarts in this tank mixture on medium or fine textured soils to control black or hairy nightshade or to reduce competition from heavy infestations of the hard to control weeds listed in this label.

Preplant Incorporated Application Rates

BROADCAST RATE PER ACRE

SOIL TEXTURE GROUP	Lexone 4L or Sencor 4F	
	Lasso [®] (quarts)	+ Sencor 4F (pints)
Medium	2.5 to 3	0.75
Fine	2.5 to 3	1

Refer to the SOIL TEXTURE section of this label to determine the corresponding texture 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 50 WP or DF formulations of these products. One pint of Lexone 4L or Sencor 4F equals one pound of the corresponding 50 WP formulation or 1/2 pound of the corresponding DF formulation.

Use the 3 quart per acre rate of Lasso in areas of heavy weed infestation. Use 3 to 4 quarts of Lasso when black or hairy nightshade, yellow nutsedge or red rice is present or to reduce competition from the hard to control weeds listed in this label.

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.

NOTE: Do not feed soybean hay from treated crop.

LASSO[®] plus LOROX (TANK MIXTURE)

Apply one treatment of 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 1/2 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 banded

Aerial — Fixed Wing or Helicopter

Reference: The APPLICATION SYSTEMS section of this label provides detailed information on the proper 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 RATE PER ACRE

SOIL TEXTURE GROUP	1 to 3% organic matter		More than 3% organic matter	
	Lasso [®] (quarts)	+ Loro [®] 50WP (pounds)	Lasso [®] (quarts)	+ Loro [®] 50WP (pounds)
Coarse — Sandy	1.5	1	1.5	1 to 1.5
Loam only				
Medium	2	1 to 1.5	2.25	1.5 to 2
Fine	2.25	2	2.5 to 3	2.5 to 3

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

NOTE: Use a minimum of 2.5 quarts per acre of Lasso on coarse textured soils and use 3 to 4 quarts on medium and fine textured soils to control black or hairy nightshade or to reduce competition from the hard to control weeds listed in this label.

NOTE: Do not feed soybean hay from treated crop.

BASAGRAN SEQUENTIAL TREATMENT

Soybeans Only

Basagran may be applied following preemergence applications of Lasso or tank mixtures of Lasso plus Loro[®] or Lasso plus Sencor or Lexone for control of emerged weeds such as cocklebur, velvetleaf and other weed species listed on the label for Basagran.

RECOMMENDED RATES: Apply 0.75 to 1.5 quarts of Basagran as directed on the label for Basagran.

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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 AND SPRAYING INSTRUCTIONS section of this label.

LASSO plus LOROX plus PARAQUAT

Apply one treatment of these tank mixtures in 15 to 40 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 paraquat portion of these mixes.

CONTROL OR SUPPRESSION OF EMERGED WEEDS

PARAQUAT

When used as directed, paraquat in tank mixture with Lasso plus Loro[®] controls many emerged annual weeds and suppresses many emerged perennial weeds.

Broadcast Treatment — Apply 1 to 2 pints of paraquat (0.25 to 0.5 lb. active) in this tank mixture immediately before, during or after planting but BEFORE CROP EMERGENCE. Use the 2 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 gallonage should be increased within the recommended range for complete coverage. Add Ortho X-77 Spreader at 8 or per 100 gallons of diluted spray. Refer to the Paraquat label for precautionary statements.

PREEMERGENCE WEED CONTROL

LASSO[®] plus LOROX

For weeds controlled preemergence, see the WEEDS CONTROLLED section of this label for Lasso and Lasso plus Loro[®].

See the following table for recommended rates of Lasso and Loro[®] 50WP in this tank mixture.

SOIL TEXTURE GROUP*	BROADCAST RATE PER ACRE	
	Lasso [®] (quarts)	+ Loro [®] 50WP (pounds)
Coarse — Sandy		
Loam only	2 to 2.5	1 to 1.5
Medium	2.5 to 3	1.5 to 2
Fine	2.5 to 3	2 to 3

*Refer to the SOIL TEXTURE section of this label to determine the corresponding texture 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 fall panicum or crabgrass will be present. The rate of Lasso may be increased to a maximum of 4 quarts per acre on any soil type to reduce competition from the hard-to-control weeds listed in this label.

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

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

NOTE Do not feed soybean hay from treated crop

DRY BEANS

Dry Beans (All Types)

FOR USE ONLY WEST OF THE MISSISSIPPI RIVER
EXCEPT IN CALIFORNIA

LASSO*

Apply one treatment of 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 proper 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 2.5 to 3 quarts of this product per acre and shallowly incorporate prior to planting. Use the higher rate in areas of heavy weed infestations or when hard-to-control weeds, 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

Lima Beans (Green)

FOR USE IN ALL STATES EXCEPT IN CALIFORNIA

LASSO*

Apply one treatment of 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

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APPROVED APPLICATION SYSTEMS

Ground - Broadcast Boom

Reference The APPLICATION SYSTEMS section of this label provides detailed information on the proper application of this product using broadcast boom equipment

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 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 table for the recommended broadcast treatment rates

Surface Application Rates

SOIL TEXTURE GROUP*	BROADCAST RATE PER ACRE (QUARTS) Lasso*
Coarse	1.5 to 2
Medium and Fine**	2.5 to 3

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

**Use the higher rates in the recommended ranges in areas of heavy weed infestations or when hard-to-control weeds or black or hairy nightshade are present

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

Preplant Application Rates

SOIL TEXTURE*	BROADCAST RATE PER ACRE (QUARTS) Lasso*
Coarse	2
Medium and Fine**	2.5 to 3

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

**Use the higher rates in the recommended ranges in areas of heavy weed infestations or when hard-to-control weeds, black or hairy nightshade or yellow nutsedge are present

LASSO* FOLLOWED BY AMIBEN or PREMERGE Dry Beans (All Types)

FOR USE IN MICHIGAN ONLY

Apply Amiben or Premerge as a sequential preemergence application to Lasso preplant incorporated

APPROVED APPLICATION SYSTEMS

Ground - Broadcast Boom

Reference The APPLICATION SYSTEMS section of this label provides detailed information on the proper 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 or PREMERGE

Preemergence Surface - Apply Amiben or Premerge after planting and before crop and weed emergence. Read and carefully follow all use instructions and precautionary statements listed on the respective labels for these products

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 2 quarts 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.
PREMERGE — Apply 5 to 6 quarts of this product per acre.

NOTE When Lasso followed by Amiben or Premerge are used on soils with 6% or more organic matter weed control may be reduced.

**LASSO® plus TREFLAN
(TANK MIXTURE)
Dry Beans (All Types)
and Lima Beans**

FOR USE ONLY WEST OF THE MISSISSIPPI RIVER
EXCEPT IN CALIFORNIA

Apply one treatment of 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 proper 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 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 2.5 to 3 quarts of this product plus 1/4 quart of Treflan per acre. Use the higher rate of this product for this tank mixture in areas of heavy weed infestation or where hard to control weeds, 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 one treatment of 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 banded

Reference The "APPLICATION SYSTEMS" section of this label provides detailed information on the proper 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 and 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 2.5 to 3 quarts of this product per acre. Use the higher recommended rate when heavy weed infestations, hard-to-control weeds, black or hairy nightshade or yellow nutsedge are present. Preplant incorporate only for control of yellow nutsedge.

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**LASSO®
Mung Beans**

FOR USE IN OKLAHOMA ONLY

Apply one treatment of 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 proper application of product using the system selected.

APPROVED APPLICATION METHODS

Preemergence Surface — Apply this product after planting and 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 treatment rates.

Surface Application Rates

SOIL TEXTURE	BROADCAST RATE PER ACRE (QUARTS)	
	Lasso®	
Coarse*	1.5	
Medium and Fine	2.0	

*DO NOT USE ON SAND AS CROP INJURY MAY OCCUR

PEAS®

LASSO®

Peas, Green (for processing)

FOR USE IN MINNESOTA ONLY

Apply one treatment of this product in water solution for control of 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 application.

APPROVED APPLICATION SYSTEMS

Ground — Broadcast Boom

Aerial — Fixed Wing or Helicopter

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

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 the recommended broadcast treatment rate 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 TEXTURE GROUP*	BROADCAST RATE PER ACRE (QUARTS)	
	Lasso®	
Medium	2	
Fine	2.5	

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

POTATOES®

LASSO®

FOR USE IN ALL STATES EXCEPT IN
CALIFORNIA AND THE RED RIVER VALLEY AREAS OF
NORTH DAKOTA AND MINNESOTA

Apply one treatment of this product in water solution for control of 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 of Superior and other early maturing potato varieties if cold wet soil conditions occur after application

APPROVED APPLICATION SYSTEMS

Ground — Broadcast Boom banded

Center Pivot Irrigation

Aerial — Fixed Wing or Helicopter

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

APPROVED APPLICATION METHODS

Postplant Incorporated — For furrow irrigated potatoes only apply this product after planting but before crop emergence Apply after final drag-off if drag-off is used

Shallowly incorporate or Surface Blend into the upper 1 to 2 inches of soil Incorporation depth must be kept above potato seed pieces and sprouts to avoid mechanical damage

Preemergence Surface — Apply this product after planting and before crop or weed emergence Apply after final drag-off or after early hilling if these practices are used

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

RECOMMENDED RATES: Apply 2.5 to 3 quarts of this product per acre as a broadcast treatment Applications which are not consistent with recommendations in this label may result in unsatisfactory weed control or crop injury

NOTE Applications may be made through center pivot irrigation systems or under any sprinkler irrigation system

LASSO[®] plus LEXONE

or

**LASSO plus SENCOR
(TANK MIXTURES)**

Potatoes

FOR USE IN ALL STATES EXCEPT CALIFORNIA AND THE RED RIVER VALLEY AREAS OF MINNESOTA AND NORTH DAKOTA

Apply one treatment of this product 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 much soils or on alkaline soils with a pH greater than 7.4 Crop injury may occur if atrazine was applied to the soil the year preceeding use of this tank mixture This tank mixture may delay

maturity and/or reduce yield of Superior and other early-maturing potato varieties if cold wet soil conditions occur after application

Crop Rotation Recommendations: Soybeans Potatoes sugarcane corn forage grasses lentils peas tomatoes safflower barley and wheat may be planted in treated areas 4 months after application of Lexone or Sencor However do not apply Lexone or Sencor to the rotational crop during the same year as the initial treatment or illegal crop residues may result Do not plant any crop not listed above within 18 months after the use of Lexone or Sencor except that cover crops planted to prevent soil erosion or for soil building purposes may be planted anytime after application of Lexone or Sencor but do not graze or harvest for feed or food Stand reduction of these cover crops may occur in some areas

Do not use treated vines for feed or forage

APPROVED APPLICATION SYSTEMS

Ground — Broadcast Boom banded

Center Pivot Irrigation

Aerial — Fixed Wing or Helicopter

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

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APPROVED APPLICATION METHODS

Preemergence Surface — Apply this tank mixture after planting and before crop and weed emergence Apply after final drag-off or after early hilling if these practices are used

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

BROADCAST RATE PER ACRE

SOIL TEXTURE GROUP*	Lexone 4L or Lasso [®] + Sencor 4F	
	(quarts)	(pints)**
Coarse	2 to 3	0.75 to 1 ***
Medium or Fine	2 to 3	1 to 1.5

NOTE Use the higher rate listed when applied through or under center pivot irrigation where heavy grass or broadleaf weed infestations are expected or when the hard-to-control weeds listed on this label are present Use the 2 quart rate in PENNSYLVANIA DELAWARE MARYLAND NEW JERSEY NEW YORK and the NEW ENGLAND STATES or in other areas where cold wet conditions are likely to persist after application

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

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

***In coarse soils use the 1 pint rate of Lexone 4L or Sencor 4F only on sandy loam soils when heavy weed infestations or the hard-to-control weeds listed in this label exist

LASSO[®] plus LOROX

(TANK MIXTURE)

Potatoes

FOR USE IN ALL STATES EXCEPT CALIFORNIA IDAHO OREGON WASHINGTON AND THE RED RIVER VALLEY AREAS OF NORTH DAKOTA AND MINNESOTA

Apply one treatment of 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 This tank mixture may delay crop maturity and/or reduce yield of Superior and other early maturing potato varieties if cold wet soil conditions occur after application DO NOT USE this tank mixture on sand or loamy sand on soils with less than 1% organic matter and do not incorporate into the soil

APPROVED APPLICATION SYSTEMS

Ground — Broadcast Boom banded

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

APPROVED APPLICATION METHODS

Preemergence Surface — Apply this tank mixture after planting and before crop and weed emergence Apply after final drag-off or after early hilling if these practices are used

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

11-7-11

Surface Application Rates

SOIL TEXTURE GROUP	BROADCAST RATE PER ACRE			
	1 to 3% organic matter		More than 3% organic matter	
	Lesser + Lower S&AP lbs	lbs	Lesser + Lower S&AP lbs	lbs
Coarse - Sandy				
Loam only	2	1 to 1.5	2.5	1.5 to 2
Medium	2.25	1.5 to 1.75	2.5 to 3	2 to 2.5

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

--Use the higher rate in areas with heavy weed infestations or where hard-to-control weeds are present. Use a maximum of 2.5 quarts per acre of Lasso on coarse soils and 3 quarts on medium and fine-textured soils to control buck and hairy nightshade.

WOODY ORNAMENTALS

LASSO

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

Apply one treatment of 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 proper 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 3 quarts 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.

A-843 11-000 CB-53

In case of an emergency involving this product
Call Collect, day or night: 314.694.4000

Weed killing compound, liquid

MONSANTO COMPANY, 1983

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



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