

LASSO

ME

HERBICIDE BY **Monsanto**

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

Complete Directions for Use

"Lasso ME" is referred to throughout these instructions
as "Lasso".

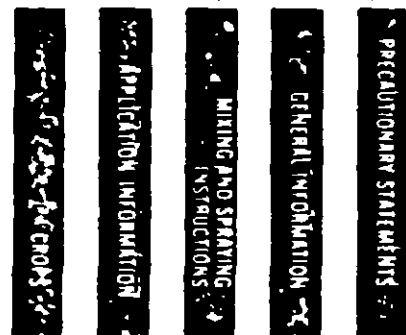
U.S. Pat. No. 3,547,620

EPA Reg. No. 524-344

1983

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

USE THESE CONVENIENT SECTION MARKERS.



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 these 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.e., weather conditions which are outside the range
considered normal at the application site and for the
time period when the product is applied with the
normal range being determined on the basis of the
average range for the prior 40 years computed from
the best available information) and weather perils,
including but not limited to hurricanes, tornadoes and

Read as well as weather considerations set forth in
the Directions. Application in any manner not ex-
plicitly set forth in the Directions, mostly conditions
outside the normal range specified in the Directions
or the presence of products other than those set forth
in the Directions is 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

MAY 31 1983

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 524-344

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PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

MAY CAUSE EYE AND SKIN IRRITATION.

HAZARDOUS 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. Suspected 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

Environmental Hazards

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

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, feed or food by storage or disposal. Open dumping is prohibited.

This product, spray mixture or residue that cannot be used or chemically repackaged should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

Inside reuse container and dispose of in an approved landfill or bury in a safe place. Do not reuse.

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*

Alestar [2-chloro-2,6-diethyl-N-(methoxyacetyl) acetanilide]	42.2%
INERT INGREDIENTS	57.8%
	100.0%

*Contains 480 grams / liter or 4 pounds / gallon

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GENERAL INFORMATION

Lasso® herbicide is recommended for control of yellow nutgrass 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 feed or graze 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. Read comments called to prevent spills and contamination.

Flush sprayer with clean water after use.

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, heavy sand, sandy loam
MEDIUM	loam, silty 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 proportions of each in advance. See the "Standard Sprayable Fluid Fertilizer Compatibility Test" section on this label to determine the compatibility of this product and the labeled tank mixtures recommended for use with sprayable fluid fertilizer carrier. **NOTE.**

For soybeans, only Lasso and the tank mixtures of Lasso plus Lasso® herbicide and Lasso plus Sencor® or Lasso® herbicides 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 straining device over filling port.
2. Through the screen fill the carrier 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 undesirable gels or precipitates while agitating add it to the carrier stream in the tank. Use only compatibility agents cleared by FDA for the 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 Lurex[®] only through the screen into the tank. Mixing and compatibility may be improved when this product is pre-mixed 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 splashing 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.

[®]Roundup is a trademark of Valent Chemical Corp.

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

[®]Lurex is a trademark of E. I. duPont de Nemours and Company.

[®]Lurex is a trademark of E. I. duPont de Nemours and Company.

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 assurance.

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) syringe or graduated cylinder is desirable).
3. Sprayable fluid fertilizer to be tested.
4. The herbicide chemical to be mixed.
5. A compatibility agent (the purpose of the agent is to keep the herbicide and crop protection chemical in suspension if this substance is needed).

B. Procedure

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



Add One Part Fluid Fertilizer
To Two Quarts.



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 is one part to the equivalent of two parts per 100 gallons of liquid fertilizer).



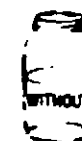
To Jar Marked "With"
Add Compatibility Agent
And Shake to Mix.



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.



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



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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 agent, but not in the jar "with" agent, the use of a compatibility agent 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 herbicide 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 on the top depending upon the density of the herbicide.

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 growing. If it is not compatible without the compatibility agent,

the herbicide(s) should be pre-mixed 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:

$$\begin{array}{l} \text{Band width} \\ \text{in inches} \end{array} \times \begin{array}{l} \text{Broadcast} \\ \text{RATE} \\ \text{per acre} \end{array} = \begin{array}{l} \text{Band RATE} \\ \text{per acre} \end{array}$$

$$\begin{array}{l} \text{Band width} \\ \text{in inches} \end{array} \times \begin{array}{l} \text{Broadcast} \\ \text{VOLUME} \\ \text{per acre} \end{array} = \begin{array}{l} \text{Band VOLUME} \\ \text{per acre} \end{array}$$

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

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

HERBICIDE	RATE / A	Level	
		Teaspoons	Milliliters
Wettable Powders	1 lb	=	1.5
	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 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 parts (two parts = 1/4 teaspoon or 1.2 milliliters, three parts = 3/4 teaspoon or 1.8 milliliters per part of sprayable fluid fertilizer) per 100 gallons of liquid fertilizer.

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disrupted and drained. Water should be added to the center pivot irrigation system after planting and before crop or weed emergence. Herbicide applications should be made at 1/4 to 1/2 inch of water per acre. Do not apply in more than 1/4 inch water per acre under any conditions or reduced performance may occur. On very sandy soils (less than 60% sand and less than 2% organic matter), apply these herbicides at a maximum of 1/4 inch water per acre. Good agitation must be maintained during the entire application period. When appropriate check valves or other suitable devices in the system to ensure that the herbicide solution cannot siphon back into the water supply. Flush the system with water after application is complete. If spills of the herbicide concentrate occur immediately wash off the spill.

NOTE: Applications can be made by air blast 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 the label for the crop to be treated.

Pumps, injection equipment, agitation equipment, hoses and connections between parts and the point of injection must be constructed of materials which are resistant to Lasso. Call Chemagro information is available in the booklet "How to Apply Lasso Herbicide with Center Pivot Irrigation" or your local farm chemical dealer or by writing Monsanto Company.

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 designated aerial spray volumes indicated in the following table:

CROP	HERBICIDE TREATMENT	GALLONS PER ACRE
Peanut	Lasso	3
	Lasso	3
Peanut	Lasso + Lasso	3
	Lasso + Sencor	3
	Lasso	3
	Lasso + Lasso	3
Soybeans	Lasso	3
	Lasso + Lasso	3
	Lasso + Lasso	3
	Lasso + Sencor	3
	Lasso + Amdur	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. Cloudy sprays are less likely to drift.

Standard, do not use nozzle or nozzle configurations which disperse spray as fine spray droplets. Do not angle nozzles forward into the windward 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 off-target spray nozzles.

*Lasso is a registered trademark of Chemagro Products, Inc.

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

Dry bulk fertilizer may be impregnated with Lasso or

The tank mixtures of Lasso plus Lasso or Sencor on soybeans. Lasso and these tank mixtures must be applied with 200 to 450 pounds of dry bulk fertilizer per acre and thoroughly 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 used 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.

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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 (sq. ft.)	RECOMMENDED QUARTS LIQUID HERBICIDE / ACRE				
		15	2	15	1	
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 acres not included in the preceding table, use the following formula:

Recommended Herbicide Rate (lb. or fl.) / Acre X 2000	Pounds or Quarts of herbicide per ton of dry bulk fertilizer
Pounds Fertilizer / Acre	

Use 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. Turn the herbicide into the drum over a maximum of a 2-minute period and allow at least 2 additional minutes turning time to ensure uniformity. The results used to spray the

herbicide treatment must be placed inside the mixer to provide uniform spray coverage of the blending fertilizer.

If the dry fertilizer used has inadequate adsorptive capacity, use a highly adsorptive powder such as Microsil 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 Microsil 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 + Lasso or 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

Table sugar-phosphate (0-46-0)	Yes	No	No	No
Urea (45-0-0)	Yes	Yes	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 TRAINING 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 Trifluralin 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.

*Lasso is a trademark of DuPont Products Company.

Preparation or overhead sprinkler irrigation is required after application to move the herbicide into the soil near the seed germination zone. The amount of precipitation or overhead sprinkler irrigation required depends on existing soil moisture, soil type and percent organic matter content, but 1/4 to 1/2 inch is normally adequate. Performance is improved when moisture is received within 7 days after application and prior to weed emergence. High salinity 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.

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 incor-

poration 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.

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WEEDS CONTROLLED

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

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ANNUAL GRASSES	ANNUAL BROADLEAVES
Barnyardgrass	Carpetweed
Echinochloa crus-galli	Mollugo verticillata
Galium	Callisago
Digitaria adactyloides	Galium spp.
Digitaria sanguinalis	Rightbush (black)
Fitchii (plant)	Solanum nigrum
Solanum tuberosum	Rightbush (gray)
Fitchii (green, robust)	Solanum stramonium
purple, robust white)	Pigweed, Convolvulus
Solanum viride	Amaranthus spp.
Fitchii (yellow)	Purslane
Solanum tuberosum	Portulaca oleraceae
Convolvulus	Parley (Florida)
Eleusine indica	Richardia scabra
Panicum (all)	
Panicum	
dichotomorphum	
Bliss (all)**	SEDGE
Oryza sativa	Nutsedge (yellow)**
Signalgrass (broadleaf)	Cyperus rotundus
Brachiaria distachya	
Stilpnus	
Panicum capillare	

*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 pre-emergence 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	ANNUAL BROADLEAVES
Johnsongrass (hard)	Beggarweed (Florida)
Sorghum halepense	Dianthus barbatus
Panicum (all)**	Lamium
Panicum sp. (all)	Chenopodium album
Santhol, Grass	Eragrost (all)
Conchocarpus	Andropogon scoparius
Stachys (all) (all)**	Side (all)
Sorghum bicolor	Side (all)
	Smartweed
SEDGE	Polygonum
Nutsedge (yellow)**	persicaria
Cyperus rotundus	Polygonum persicaria

*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 pre-emergence 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.

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	1941	1942	1943	1944	1945	1946	1947	1948	1949
Cauliflower									
Head-on									
pennsylvanicus	.	R	R	R	.	R	.		
Cougar (family)*									
crucian (family)	.	.	.	R	.	.	.	.	.
crucian (family)	.	.	.	R	.	.	.	.	.
crucian (family)	.	.	.	R	.	.	.	.	.
crucian (family)	.	.	.	R	.	.	.	.	.
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*Use 4 quarts of Lasso per acre plus 2 quarts of Biolan
to reduce competition from this weed

Low Volatile Ester and Amino Isomulations of 2,4-D (2,4-dichlorophenoxy) acetic acids only, may be applied sequentially to Lawns in field and stage corn only for control of sub-seeds emerged broadleaf weeds listed on the 2,4-D label.

Resagran™ may be applied successfully to Loblolly in any
beets for control of additional unwanted weeds later
on the Resagran label, such as cocklebur and
samaropsis.

Certain tank mixtures of Lasso and broadleaf herbicides may be combined with applications of

Bandages[®] fasten to a patch on the inside of every emergency vehicle prior to use or replace emergency. Refer to the Bandages or patchwork label for a list of emergency vehicles controlled by each member with their patch.

**Management is a component of total management/management
information system.**

STANDARD & SPOONER INSTITUTE OF BUSINESS CONCEPTS

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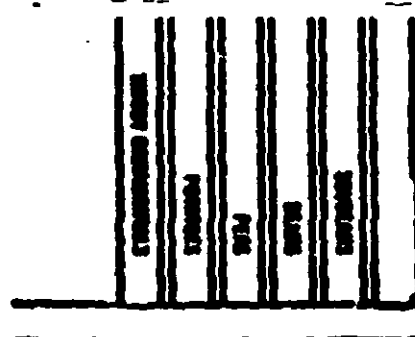
DIRECTIONS FOR USE

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

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

USE THESE CONVENIENT SECTION MARKERS.

CROPS



SOYBEANS

LESSO[®]

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, bander

Center Pivot Irrigation

Aerial — Fixed Wing or Helicopter

Dry Bulk Fertilizer Incorporation

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 Incorporation — 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 table for the recommended broadcast treatment rates for this product. Applications which are not consistent with recommendations on this label may result in unsatisfactory weed control or crop injury.

Surface Application Rates

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 Incorporation 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 2 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 dry 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.

BEST AVAILABLE COPY

LESSO[®] 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 heavy sand soils as crop injury may result.

APPROVED APPLICATION SYSTEMS

Ground — Broadcast Boom, bander

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 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.

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 Incorporation — Apply 2.5 to 3 quarts of Lasso plus 4 quarts of Amiben per acre.

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 maximum of 2.5 quarts of Lasso on coarse soils and 3 to 4 quarts of 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.

LESSO[®] plus LIXONE or LESSO 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, bander

Aerial — Fixed Wing or Helicopter

Dry Bulk Fertilizer Incorporation

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

Surface Application Rates

SOIL TEXTURE GROUP ¹	BROADCAST RATES PER ACRE ²			
	Less than 3% organic matter		3% or more organic matter	
	Lasso [®] 4L ³ or Lasso [®] + Sencor 4F ³		Lasso [®] 4L ³ or Lasso [®] + Sencor 4F ³	
	quarts/acre	gallons/acre	quarts/acre	gallons/acre
Coarse — Sandy	2	0.5	2	0.75
Lean clay				
Medium	2	0.75	2	1
Fine	2	1	2.5	1

¹Refer to the "SOIL TEXTURE" section of this label to determine the corresponding texture group for the soil to be treated.

²Use the rates listed in this table when using Lasso 4L or Sencor 4F. Use the equivalent rates when using the 50 WP or DF formulations.

formulations of these products. One pint of Lasso 4L or Sencor 4F equals one quart of the corresponding 50 WP formulation or 1/2 gallon of the corresponding DF formulation.

NOTE: Do not use on sand or heavy sand soil. Use 1.5 to 2 quarts of Lasso 4L or Sencor 4F per acre in the tank mixture when applying on clay clay and heavy clay soils of the Mississippi Delta. Use a maximum of 2.5 quarts of Lasso on coarse sand and 3 to 4 quarts in the tank mixture on medium or fine textured soils to control black or heavy nightshade or to reduce competition from heavy vegetation, or the hard-to-control weeds listed in this label.

Preplant Incorporated Application Rates

SOIL TEXTURE GROUP ¹	BROADCAST RATE PER ACRE ²	
	Lasso 4L ³	
	or Sencor 4F ³	
	quarts/acre	gallons/acre
Medium	2.5 to 3	0.75
Fine	2.5 to 3	1

¹Refer to the "SOIL TEXTURE" section of this label to determine the corresponding texture group for the soil to be treated.

²Use the rates listed in this label when using Lasso 4L or Sencor 4F. Use the equivalent rates when using the 50 WP or DF formulations of these products. One pint of Lasso 4L or Sencor 4F equals one quart of the corresponding 50 WP formulation or 1/2 gallon of the corresponding DF formulation.

³Use the 3 quart per acre rate of Lasso in areas of heavy weed infestation. Use 3 to 4 quarts of Lasso when black or heavy 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.

BEST AVAILABLE COPY

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 heavy 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, bandbox

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

Surface Application Rates

SOIL TEXTURE GROUP ¹	BROADCAST RATE PER ACRE			
	1 to 3% organic matter		More than 3% organic matter	
	Lasso [®] + Loro [®] 50WP		Lasso [®] + Loro [®] 50WP	
	quarts/acre	gallons/acre	quarts/acre	gallons/acre
Coarse — Sandy	1.5	1	1.5	1 to 1.5
Lean clay				
Medium	2	1 to 2.5	2.25	1.5 to 2
Fine	2.25	2	2.5 to 3	2.5 to 3

¹Refer to the "SOIL TEXTURE" section of this label to determine the corresponding texture group for the soil to be treated.

NOTE: Use a maximum 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 heavy 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 Lasso for control of emerged weeds such as cockspur velvet and other weed species listed on the label for Basagran.

RECOMMENDED MIXES: Apply 0.75 to 1.5 quarts of Basagran or directed on the label for Basagran.

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**Minimum Or Conservation 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 state soybean, 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 ROUNDUP® ■
- LASSO plus LOROX plus ROUNDUP ■
- LASSO plus LOROX plus PARAQUAT ■
- LASSO plus LEXONE plus ROUNDUP ■
- LASSO plus SENCOR plus ROUNDUP ■

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 range to insure complete coverage. In the absence of emerged vegetation, double the Roundup or paraquat portion of these mixes.

CONTROL OR SUPPRESSION OF EMERGED WEEDS

Annual Weeds — Apply 1 quart of Roundup per acre in these tank mixtures if weeds are less than 6 inches tall and use 1.5 quarts of Roundup if weeds are more than 6 inches tall for control of early emerged annual grasses and broadleaf weeds. For emerged annual weeds controlled, see the "WEEDS CONTROLLED" section of the label for Roundup.

Perennial Weeds — At normal application rates in minimum tillage systems, perennial weeds may not be at the proper stage of growth for control. See the "GENERAL INFORMATION" section of the label for Roundup for the proper stage of growth for perennial weeds. Use of 2 to 4 quarts of Roundup per acre in this tank mixture under these conditions provides top kill and reduces competition from many emerged perennial grass and broadleaf weeds. For perennial weeds controlled, see the "WEEDS CONTROLLED" section of the label for Roundup.

To obtain control of perennial weeds, follow recommendations on the label for Roundup for stage of growth and rate of application.

USE OF THIS TANK MIXTURE FOR BERMUDAGRASS OR JOHNSONGRASS CONTROL IS NOT RECOMMENDED
NOTE: When using these tank mixtures, do not exceed 4 quarts of Roundup herbicide per acre.

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 Z-77 Spreaders at 8 oz. per 100 gallons of diluted spray. Refer to the Paraquat label for precautionary statements.

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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.

SOIL TEXTURE GROUP*	BROADCAST RATE PER ACRE (QUARTS)	
	Lasso®	Lasso®
Coarse	2.5 to 3	
Medium	3	
Fine	3.5 to 4	

*Refer to the "SOIL TEXTURE" section of the label to determine the corresponding texture 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. 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.

NOTE: Do not feed soybean hay from treated crop.

■ LASSO® plus LOROX ■

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

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

SOIL TEXTURE GROUP*	BROADCAST RATE PER ACRE	
	Lasso® (quarts)	Loro SOWP (pounds)
Coarse — Sandy		
Lean 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 tall 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 Loro 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 Loro may occur.

NOTE: Do not feed soybean hay from treated crop.

■ LASSO® plus LEXONE ■

■ 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.

SOIL TEXTURE GROUP*	BROADCAST RATE PER ACRE	
	Lasso® (quarts)	Lexone 4L** or Sencor 4F** (pints)
Coarse — Sandy		
Lean only	2 to 2.5	0.5 to 0.75
Medium	2.5 to 3	0.75 to 1
Fine	2.5 to 3	1 to 1.5 ***

*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.

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On the only day or heavy day side of the Mississippi Delta, use 1.5 to 2 quarts of Lasso 4L or Sencor 4F per acre.

Use the higher rate of Lasso in the recommended ranges in areas of heavy weed infestations 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 or Sencor in the recommended ranges on soils with greater than 2% organic matter.

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

DO NOT use on much soils.

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

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

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

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 KERN COUNTY, 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 heavy 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.

NEED REPRODUCTION COPY

Living Beans (Green)

FOR USE IN ALL STATES, EXCEPT IN KERN COUNTY, 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.

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 heavy nightshade are present.

NOTE: Preemergence applications are not recommended for use in areas of fluctuation 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 HEAVY NIGHTSHADE OR YELLOW NUTSEDGE ARE PRESENT

**LESSO[®] FOLLOWED BY
AMIBEN or PREMERGE**
Dry Beans (All Types)

FOR USE IN MICHIGAN ONLY

Apply Amiben or Premerge as a sequential pre-emergence application to Lasso preplant incorporated.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast Beam

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

LESSO[®]

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:

LESSO - 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.

**LESSO[®] plus TRIFLUR
(FUNK MIXTURE)**
Dry Beans (All Types)
and Lima Beans

FOR USE ONLY WEST OF THE MISSISSIPPI RIVER,
EXCEPT IN KERN COUNTY, 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 Triflur thoroughly for additional 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 Beam

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 Triflur 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.

LESSO[®]

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 Beam (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 incorporated only for control of yellow nutsedge.

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LASSO® Bare Ground

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, bander

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 plowing 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)
	Lime ^a

Coarse^b 1.5

Medium and Fine 2.0

^aDO NOT USE ON SAND AS CROP INJURY MAY OCCUR.

PEAS

LASSO®

Pre-plant, Green (for preemerging)

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 and 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 herb mixture using the system selected.

Preemergence Surface - Apply this product after planting before crop and weed emergence and within 5 days after last plowing 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

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product. Applications which are not consistent with recommendations in this label may result in unsatisfactory weed control / crop injury.

Surface Application Rates

SOIL TEXTURE GROUP ^a	BROADCAST RATE PER ACRE (QUARTS)
	Lime ^b

Medium 2

Fine 2.5

^aRefer 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 KERN COUNTY 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 and conditions occur after application.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast Boom, bander

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 herb mixture using the system selected.

APPROVED APPLICATION METHODS

Preplant Incorporated - For foreign origin 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 Broadcast 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 / crop injury.

NOTE: Applications may be made through center pivot irrigation systems or under any sprayer or irrigation system.

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LASSO® plus LEXONE
or
LASSO plus SENCOR
(TANK MIXTURES)
Potatoes

FOR USE ONLY IN MOORE AND SISKIYOU COUNTIES OF CALIFORNIA, AND IN ALL OTHER STATES EXCEPT 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 saline soils with a pH greater than 7.4. Crop injury may occur if streams are applied to the soil the year preceding 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, sunflower, barley and wheat may be planted or treated areas 4 months after application of Lasso or Sencor. However, do not apply Lasso 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 Lasso or Sencor except that cover crops planted to prevent soil erosion or for soil building purposes.

Seeds may be planted anytime after application of Lasso or Sencor, but do not grow or harvest for food or feed. Stand reduction of these cover crops may occur in some areas.

Do not use treated areas for food or forage.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast Boats, hand-applied

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

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.

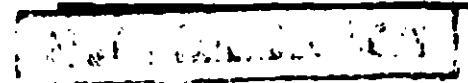
BROADCAST RATE PER ACRE

SOIL TEXTURE GROUP*	Lasso 4L or Sencor 4F (pints)**	
	Lasso® (quarts)	Sencor 4F (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 Lasso 4L or Sencor 4F. Use equivalent rates when using the SOWP formulation of these products or Lasso 4F. One pint of Lasso 4L or Sencor 4F equals 1 pound of the corresponding SOWP formulation or 1/2 pound Lasso 4F.



***In coarse soils, use the 1 pint rate of Lasso 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 heavy sand, on soils with less than 1% organic matter, and do not incorporate into the soil.

APPROVED APPLICATION SYSTEMS

Ground - Broadcast Boats, hand-applied

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.

Surface Application Rates

SOIL TEXTURE GROUP*	BROADCAST RATE PER ACRE**			
	1 to 3% organic matter		More than 3% organic matter	
	Lasso® + Loro SOWP (qt)	Lasso + Loro SOWP (qt)	Lasso + Loro SOWP (qt)	Lasso + Loro SOWP (qt)
Coarse - Sandy	2	1 to 1.5	2.5	1.5 to 2
Medium	2.5	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 minimum of 2.5 quarts per acre of Lasso or Loro SOWP and 3 quarts of Lasso and Loro SOWP on soils with less than 1% organic matter.

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WOODY ORNAMENTALS

LASSO®

FOR USE ON AMPER (AMPERULS 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 Broadcast 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 NOTES: Apply 4 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.

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

Weed killing compound listed

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AGRICULTURAL PRODUCTS
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