



LASSO

HERBICIDE BY

Monsanto

DEC 17 1984

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

U.S. Pat. No. 3,476,201
EPA Reg. No. 524-344

©MONSANTO COMPANY 1984

843 11-000 15 / 53M

BEST AVAILABLE COPY

Carefully follow detailed instructions in attached booklet

Read the entire label before using this product

Use only according to label instructions

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

PRECAUTIONARY STATEMENTS

Hazards 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 with soap and water after handling

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

IF ON SKIN, immediately flush with plenty of water while removing contaminated clothing. Wash clothing before reuse. Sensitized persons should avoid further contact and reuse of clothing

Physical and Chemical Hazards

In case of

SPELL 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 cleaning of equipment or through the improper disposal of wastes

Storage and Disposal

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

Storage

STORE ABOVE - 4°F

Below - 4°F the product may freeze. If frozen, thaw before use

Disposal

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or buried on site in a safe place away from water supplies. All disposal should be in accordance with applicable federal, state or local procedures

Emptied container retains product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed

Triple rinse emptied bulk containers. Then offer for recycling or reconditioning or dispose of in a manner approved by state and local authorities

ACTIVE INGREDIENTS *

Alachlor (2-chloro-2',6'-diethyl-N
(methoxymethyl)acetanilide) 41.5%

INERT INGREDIENTS 58.5%

100.0%

*Contains 480 grams/litre or 4 pounds/gallon

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

*Trademark of Monsanto Company

NET

GAL.



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

524-344

PM 25

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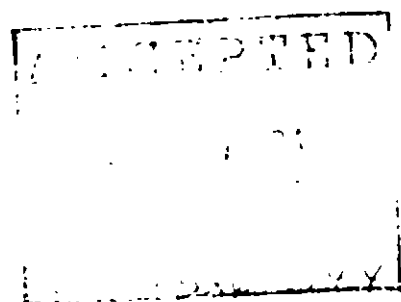


2000

Lasso

HERBICIDE BY

Monsanto



NET 60 GAL.

2005

(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
Triple super-phosphate (0-46-0)	Yes	No
*Urea (45-0-0)	Yes	Yes

Control of crop injury

*Lasso E is a trademark of Basco Products Corporation.

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 Treflan™ 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.

*Treflan is a trademark of E.I. du Pont de Nemours & Co.

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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 Blend application.

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

Cultivation Information — Delay cultivation after application for as long as possible unless weeds or grasses emerge. Shallowly cultivate or rotary hoe immediately if weeds or grasses emerge. If cultivation is necessary because of soil crusting or compaction, set equipment shallow and minimize lateral soil movement to avoid dilution or displacement of the herbicide treatment. 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 nutcracker and the annual grasses and broadleaf weeds listed are **CONTROLLED** by Lasso.

ANNUAL GRASSES	ANNUAL BROADLEAVES
<i>Barbopogon</i>	<i>Carpetweed</i>
<i>Echinochloa crus galli</i>	<i>Mollugo verticillata</i>
<i>Cenchrus</i>	<i>Galinsoga</i>
<i>Digitaria ischaemum</i>	<i>Galinsoga</i> spp.
<i>Digitaria sanguinalis</i>	<i>Nightshade (black)</i> *
<i>Portulaca (yellow)</i>	<i>Solanum nigrum</i>
<i>Sesuvium portulacastrum</i>	<i>Nightshade (straw)</i> *
<i>Portulaca (green, red, white)</i>	<i>Solanum sarachoides</i>
<i>Sesuvium</i>	<i>Pigweed, Convolvulus</i>
<i>Portulaca (yellow)</i>	<i>Amaranthus</i> spp.
<i>Sesuvium</i>	<i>Portulaca</i>
<i>Portulaca</i>	<i>Portulaca oleracea</i>
<i>Portulaca</i>	<i>Portulaca</i> (Florida)
<i>Portulaca</i>	<i>Richardia scabra</i>

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.

ANNUAL GRASSES

Panicum (roll)

Panicum

dictyotomiflorum

*Rice (red)**

Oryza sativa

Signatum (broadleaf)

Brachiaria platyphylla

Vilchgrass

Panicum capillare

SEDGE

*Nutcracker (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

Andropogon (yellow)

Sorghum intrans

Panicum (roll)

Panicum

ANNUAL BROADLEAVES

Carpetweed (Florida)

Desmodium illinoense

Lambquarters

Chenopodium album

4.

405



Lasso

HERBICIDE BY **Monsanto**

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

Complete Directions for Use
"Lasso" MICROTECH™ is referred to throughout these
instructions as "Lasso"

U.S. Pat No. 3,547,620 (EPA Reg. No. 574,344)
1984-2 A-843 11-00014/53

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



Read the entire label before using this product.
Use only according to label instructions.
Read "LIMIT OF WARRANTY AND LIABILITY" before
buying or using. If terms are not acceptable, return at
once unwrapped.

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

floods) as well as weather considerations set forth in
the Directions, application in any manner not ex-
plicitly 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 DAMAGE.

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.

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CAUTION!

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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, repair-
ing or cleaning equipment.

Wash thoroughly with soap and water after handling.
FIRST AID:

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

IF ON SKIN, immediately flush with plenty of water
while removing contaminated clothing. Wash
clothing before reuse. Sensitive persons should
avoid further contact and reuse of clothing.

Environmental Hazards

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

Physical or Chemical Hazard

In case of
SPILL or LEAK, soak up, remove and keep away from
humans and domestic animals.

Storage and Disposal

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

STORAGE

STORE ABOVE - 4°F

Below - 4°F the product may freeze. If frozen, thaw
before use.

DISPOSAL

Wastes resulting from the use of this product that
cannot be used or chemically reprocessed should be
disposed of in a landfill approved for pesticide disposal
or buried on site in a safe place away from water
supplies. All disposal should be in accordance with
applicable Federal, state or local procedures.

Empty container retains vapor and product residue.
Observe all labeled safeguards until container is
cleaned, reconditioned or destroyed.

(See individual container label for disposal instructions.)

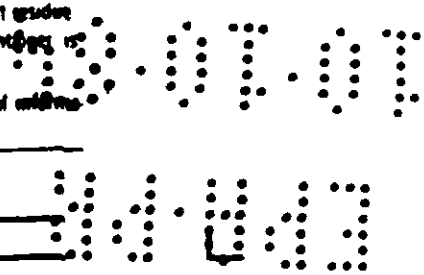
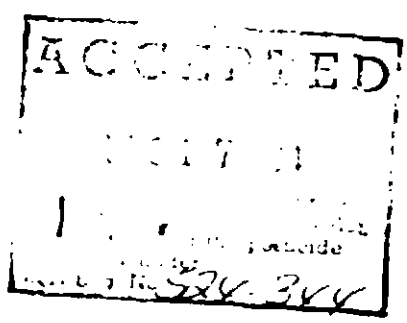
ACTIVE INGREDIENTS*

Alochlor, [2-chloro-2-(diethyl-N
(methoxymethyl) acetamido)] ... 41.5%

INERT INGREDIENTS ... 58.5%

100.0%

*Contains 480 grams / litre or 4 pounds / gallon



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Empty container retains product residue. Observe all labeled safeguards until container is rinsed and destroyed.

Do not reuse container. Then of in a sanitary incineration, or, and local authority burned, stay out.

ACTIVE INGREDIENTS*

Alachlor, [2-chloro-2-(methoxymethyl)ac-

WERT INGREDIENTS

*Contains 480 grams/l

In case of an emergency
Call Collect day or n

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®Trademark of Monsanto

MONSANTO COMPANY
AGRICULTURAL PRODUCTS
ST. LOUIS, MISSOURI 63103

EPA Reg. No. 524-344

LESSO® MICRO TECH™

LIMIT OF WARRANTY AND LIABILITY

This company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for this label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR 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 conditions beyond the control of this company, including but not limited to incompatibility with products other than those set forth in the Directions, unusual weather (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 a weather period including but not limited to hurricanes, tornadoes and floods) as well as weather considerations set forth in the Directions, application in any manner not explicitly

set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil 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 THE SELLER, THE REPLACEMENT OF SUCH QUANTITY IN KIND OR ANY OTHER SELLER'S DENTAL OR CONSEQUENTIAL

The buyer and all users agree to the terms of this LIMIT OF LIABILITY which may not be varied by any agreement.

EPA Reg. 424 (A) 1

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