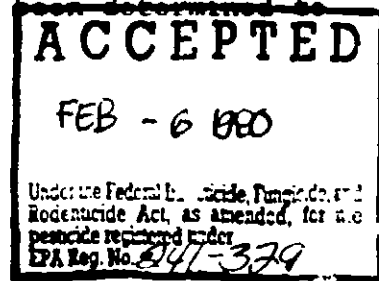


RESTRICTED USE PESTICIDE
Due to Oncogenicity

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification. The use of this product may be hazardous to your health. This product contains alachlor, which has been determined to cause tumors in laboratory animals.

ALA-SCEPT®
herbicide

FOR WEED CONTROL IN SOYBEANS



ACTIVE INGREDIENTS:

Alachlor, [2-chloro-2',6'-diethyl-N-(methoxymethyl) acetanilide].. 32.44%

Imazaquin (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-quinolinecarboxylic acid)..... 1.94%

INERT INGREDIENTS.....65.62%

TOTAL.....100.00%

Contains 3 pounds/gallon of alachlor and 0.1875 pounds/gallon of imazaquin.

EPA Reg. No. 241-

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

DANGER!/PELIGRO!

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

FIRST AID

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Call a physician.

IF SWALLOWED: DO NOT induce vomiting. Call a physician or Poison Control Center immediately.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air.

See Next Page for Additional Precautionary Statements.

AMERICAN CYANAMID COMPANY
Agricultural Division
Crop Protection Chemicals Department
Wayne, NJ 07470 ©1989

Net Contents:

10/89

•Registered Trademark of American Cyanamid Company

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Causes irreversible eye damage. Do not get in eyes, on skin or on clothing. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray mist. Wear goggles or face shield, rubber gloves, long trousers, long-sleeved shirt or jacket of tightly woven material along with boots high enough to cover ankles when transferring and mixing, and when adjusting, repairing or cleaning equipment. Wear rubber boots when pouring from open containers. Clothing which comes in contact with this product must be washed before reuse. Clothing or other materials which become drenched with the concentrated pesticide must be disposed of in a sanitary landfill, by incineration or, if allowed by state and local authorities, by burning. Wash thoroughly with soap and water after handling.

In case of emergency endangering life or property involving this product, Call Collect, day or night, Area Code 201-835-3100.

ENVIRONMENTAL HAZARDS

This product contains alachlor which has been identified in limited groundwater sampling and there is the possibility that it can leach through the soil to ground water, especially where soils are coarse and groundwater is near the surface. Following application, and during rainfall events that cause runoff, this chemical may reach surface water bodies including streams, rivers, and reservoirs.

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

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

Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

This labeling must be in the possession of the user at the time of pesticide application.

Observe all cautions and limitations on this label and on the labels of products used in combination with ALA-SCEPT. Do not use ALA-SCEPT other than in accordance with the instructions set forth on this label. The use of ALA-SCEPT not consistent with this label may result in injury to crops, animals or persons. Keep container closed to avoid spills and contamination.

DO NOT apply this product through any type of irrigation system.

SHAKE WELL BEFORE USE.

STORAGE AND DISPOSAL

STORAGE: STORE ABOVE 37°F TO KEEP PRODUCT IN SOLUTION.

Below 37°F crystals may form and settle to the bottom. If crystals form, place in a warm room and roll and/or shake the container frequently to redissolve before using.

DO NOT contaminate water, foodstuffs, or feed by storage or disposal of wastes.

DISPOSAL: Wastes of this pesticide may cause eye irritation and may be dangerous. Improper disposal of excess pesticide, spray mixtures, or rinsate is a violation of Federal law. If these wastes cannot be disposed of according to label use instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER
DISPOSAL:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on research and field use. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the use of, or application of the product contrary to label instructions, all of which are beyond the control of American Cyanamid Company. All such risks shall be assumed by the user.

American Cyanamid Company shall not be responsible for losses or damages resulting from use of this product in any manner not set forth on this label. User assumes all risks associated with the use of this product in any manner not specifically set forth on this label.

American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risks referred to above.

American Cyanamid Company makes no other express or implied warranty, including other express or implied warranty of FITNESS or MERCHANTABILITY. USER assumes the risk of any use contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable by American Cyanamid Company.

Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or values, etc. Cyanamid's liability will be limited to a refund of the purchase price of the ALA-SCEPT. In no case shall American Cyanamid or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.

GENERAL INFORMATION

ALA-SCEPT is a flexible broad-spectrum herbicide which may be applied preplant incorporated (includes shallow incorporation), preemergence or postemergence in soybeans.

When ALA-SCEPT is applied to the soil, susceptible weeds emerge, growth stops, and the weeds either die or remain noncompetitive with the crop.

A timely cultivation may aid in the control of certain weeds or improve general weed control when adequate moisture is not received after application. Cultivation should be shallow.

The mode of weed killing activity involves uptake of ALA-SCEPT by weed roots and/or foliage and rapid translocation to growing points. Therefore, adequate soil moisture is important for optimum ALA-SCEPT activity. The amount of rainfall or irrigation required following application depends on existing soil moisture, soil texture and organic matter content. Sufficient water to moisten the soil to a depth of 2 inches is normally adequate. If adequate moisture is not received within 7 days after treatment, then a cultivation is recommended to control escaped weeds. When adequate moisture is received after dry conditions, ALA-SCEPT will provide residual control of susceptible germinating weeds; activity on established weeds will depend on the weed species and the location of its root system in the soil.

Do not flood irrigate following application of this product alone or in tank mixture.

An ALA-SCEPT soil treatment followed by a SCEPTER® or SCEPTER® O.T.® postemergence treatment will control certain problem weeds (See SEQUENTIAL PROGAM section). Use sequential treatments in recommended states only.

Occasionally, internode shortening of soybean plants may be observed with ALA-SCEPT applications. This has no effect on soybean yields.

There must be an interval of at least 90 days between the last ALA-SCEPT application and soybean harvest. DO NOT graze or feed treated soybean forage, hay or straw to livestock.

Use of ALA-SCEPT herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

PRECAUTIONS: Do not use on crops other than soybeans. Crops other than soybeans, such as cotton, corn and vegetables, may be injured by spray drift or other indirect contact with ALA-SCEPT.

•Registered Trademark of American Cyanamid Company.

2/21

To avoid injury to sensitive crops from spray drift, follow all use directions and precautions in SPRAYING INSTRUCTIONS section on pages 10 and 11.

To avoid injury to sensitive crops, spray equipment used for ALA-SCEPT applications must be drained and thoroughly cleaned with water before being used to apply other products to these crops. See pages 8 and 9 for ROTATIONAL CROP RESTRICTIONS.

Do not use ALA-SCEPT other than in accordance with the instructions set forth on this label.

Do not use ALA-SCEPT in any tank mixes other than those specifically provided in this label.

WEEDS CONTROLLED

When applied as directed under conditions described, the following annual grass and broadleaf weeds are controlled by ALA-SCEPT herbicide:

ANNUAL GRASSES

Barnyardgrass (Echinochloa crus-galli)
Crabgrass
Smooth, (Digitaria ischaemum)
Large, (Digitaria sanguinalis)
Foxtail, giant (Setaria faberi)
Foxtail, green, robust purple, robust white (Setaria viridis)
Foxtail, yellow (Setaria lutescens)
Goosegrass (Eleusine indica)
Johnsongrass, seedling* (Sorghum halepense)
Panicum, fall (Panicum dichotomiflorum)
Signalgrass, broadleaf (Brachiaria platyphylla)
Witchgrass (Panicum capillare)

ANNUAL BROADLEAVES

Bristly Starbur (Acanthospermum hispidum)
Burdock* (Sicyos angulatus)
Carpetweed (Mollugo verticillata)
Cocklebur (Xanthium strumarium)
Galinsoga (Galinsoga spp.)
Groundcherry, cutleaf* (Physalis angulata)
Jimsonweed (Datura stramonium)
Lambsquarters (Chenopodium album)
Mallow, venice (Hibiscus trionum)
Morningglory
Palmleaf (Ipomoea wrightii)
Pitted (Ipomoea lacunosa)
Smallflower (Jacquemontia tamnifolia)
Mustard (Brassica spp.)

ANNUAL BROADLEAVES (cont'd)

Nightshade, black* (Solanum nigrum) (Solanum ptycanthum)
Nightshade, hairy* (Solanum sarrachoides)
Pigweed, Carelessweed (Amaranthus spp.)
Poinsettia, wild (Euphorbia heterophylla)
Puncturevine (Tribulus terrestris)
Purslane (Portulaca oleracea)
Pusley, Florida (Richardia scabra)
Ragweed
 Common (Ambrosia artemisiifolia)
 Giant* (Ambrosia trifida)
Redweed* (Melochia corchorifolia)
Sida, prickly (Teaweed) (Sida spinosa)
Smartweed*
 Ladysthumb (Polygonum persicaria)
 Pennsylvania (Polygonum pensylvanicum)
Sunflower, common (Helianthus annuus)
Velvetleaf* (Abutilon theophrasti)

*Preplant incorporated treatments only.

When applied preplant incorporated, or preemergence immediately after planting and within 5 days of last tillage, ALA-SCEPT applied alone or in a labeled tank mixture will aid in the control of and reduce competition from the following hard to control annual weeds:

ANNUAL GRASSES

Panicum, Texas* (Panicum texanum)
Rice, red* (Oryza sativa)
Sandbur, Field (Cenchrus incertus)
Shattercane, wild cane* (Sorghum bicolor)
Nutsedge, yellow* (Cyperus esculentus)

ANNUAL BROADLEAVES

Beggarweed, Florida** (Desmodium tortuosum)
Mexicanweed** (Caperonia castanifolia)
Texasweed** (Caperonia palustris)
Morningglory*
 Entireleaf (Ipomoea hederacea var. integriuscula)
 Ivyleaf (Ipomoea hederacea)
 Tall (Ipomoea purpurea)
Sicklepod** (Cassia obtusifolia)
Spotted Spurge (Euphorbia maculata)

* For improved performance on these weed species, use preplant incorporated treatments or apply overhead irrigation.

** Sequential postemergence treatment of SCEPTER herbicide applied before weeds exceed the 1 to 2 true leaf stage will control these weed species. Refer to the SEQUENTIAL PROGRAM section of the label for details.

ROTATIONAL CROP RESTRICTIONS

The following rotational crops may be planted after applying ALA-SCEPT at recommended rates in soybeans:

1. Wheat may be planted in the fall, four months after ALA-SCEPT application in soybeans. Rice may be planted in the spring of the year following ALA-SCEPT application (See Northern Use Area Restrictions*).
2. Eleven months after ALA-SCEPT application:
Barley (See Northern Use Area Restrictions*)
Oats (See Northern Use Area Restrictions*)
Field corn (See Northern Use Area* or Southern Use Area Restrictions**)
Edible beans
Grain sorghum
Peanuts
Tobacco
3. Sugarbeets may be planted 26 months after ALA-SCEPT application in soybeans.

*NORTHERN USE AREA RESTRICTIONS:

For the Northern Use Area as defined in the USE AREA section of this label; DO NOT plant field corn, wheat, barley, or oats as a rotational crop in the fall or in the spring of the year following ALA-SCEPT application.

**SOUTHERN USE AREA RESTRICTIONS:

For the Southern Use Area, as defined in the USE AREA section of this label; field corn may be planted in the spring of the year following ALA-SCEPT application unless extreme drought conditions develop or less than 15 inches of rainfall or irrigation is received from the date of application through October of the year of application. For eastern Oklahoma, Arkansas, the bootheel of Missouri, Tennessee, North Carolina and states south: field corn may be planted in the spring of the year following ALA-SCEPT application unless extreme drought conditions develop or less than 15 inches of rainfall or irrigation is received within 6 months following the date of application. If postemergence applications of SCEPTER or SCEPTER O.T. follow an ALA-SCEPT treatment, the 6 month interval begins after the last postemergence application.

ONLY rotational crops harvested at maturity may be used for feed or food.

DO NOT plant other rotational crops prior to 18 months after last ALA-SCEPT application.

Use of ALA-SCEPT herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

1/20

DO NOT apply products containing chlorimuron ethyl (e.g. Classic, Canopy, Gemini, Lorox Plus, Preview¹, etc.), imazaquin (e.g. SCEPTER, SQUADRON[®], TRI-SCEPT[®], etc. [refer to the SEQUENTIAL PROGRAM section of this label for exceptions]), or imazethapyr (e.g. PURSUIT[®], PURSUIT[®] PLUS, etc.) the same year as ALA-SCEPT or injury to follow crops may occur.

In the event of a crop loss due to weather conditions, soybeans can be replanted. DO NOT work the soil deeper than 2 inches.

DO NOT graze or feed treated soybean forage, hay, or straw to livestock.

MIXING PRECAUTIONS

The use of a mechanical transfer system is required to be used by all mixer/loaders and/or applicators who treat 300 acres or more annually with pesticides containing alachlor as an active ingredient.

Direct contact or exposure to this product should be minimized. The following instructions for transfer, mixing, cleaning or repairing equipment should be followed in order to minimize this exposure. Review the protective clothing requirements as listed in the PRECAUTIONARY STATEMENTS section of this label and do not use this product until you are wearing the necessary protective clothing.

Equipment Cleaning and Repair

Cleaning and repair of transfer systems and application equipment is a source of exposure to this product. Care should be taken to minimize exposure during cleaning and repair of transfer systems and application equipment. Whenever possible, these systems or equipment should be rinsed before being cleaned or repaired. When repairs must be made during transfer or application, the equipment should be shutdown, and special care taken to avoid contact with the pesticide.

Always predetermine the compatibility of this product or labeled tank mixtures of this product with water carrier or liquid fertilizer carrier by mixing small proportional quantities in advance. See the LIQUID FERTILIZER COMPATIBILITY DETERMINATIONS section of this label to determine the compatibility of this product and the labeled tank mixtures recommended for use with liquid fertilizer carrier.

If applied in liquid fertilizer, application MUST be made prior to crop emergence.

¹Classic, Canopy, Gemini, Lorox Plus, and Preview are trademarks of E.I. duPont de Nemours and Company.

[®]Registered Trademark of American Cyanamid Company.

MIXING INSTRUCTIONS

Fill the spray tank one-half full with clean water or liquid fertilizer. While agitating add the required amount of ALA-SCEPT and then fill the remainder of the tank with water or liquid fertilizer. An antifoaming agent may be added to the tank if needed. Maintain agitation while spraying to ensure a uniform spray mixture.

When tank mixing ALA-SCEPT with recommended herbicides, add the ALA-SCEPT to the spray tank first and make sure it is thoroughly mixed before adding the other herbicides.

Thorough agitation is required until the contents of the tank are sprayed. If the spray mixture is allowed to settle, the contents in the tank must be resuspended before spraying is resumed. This may involve vigorous and prolonged agitation.

SPRAYING INSTRUCTIONS

DO NOT make applications when spray may be carried by wind to sensitive crops.

Avoid overlaps when spraying.

GROUND APPLICATIONS:

Uniformly apply with properly calibrated ground equipment in 10 or more gallons of water per acre. Use sprayers equipped with nozzles that provide accurate and uniform application. To minimize drift, use a maximum spray pressure of 40 psi.

Keep by-pass line on or near bottom of tank to minimize foaming. Nozzle or line strainer screen size should be no finer than 50 mesh. Check for even distribution of spray droplets.

To ensure thorough coverage, use a minimum of 20 gallons of water per acre when applying ALA-SCEPT to minimum or no-till soybeans. Use higher gallonage for fields with dense vegetation or heavy crop residues.

DO NOT apply with ground equipment when wind velocity is greater than 10 mph.

For band treatment, apply the broadcast equivalent rate and volume per acre. To determine these:

$$\begin{array}{rcl}
 \text{Band width} & & \text{Broadcast} \\
 \text{in inches} & & \text{RATE} \\
 \times & & \text{per acr} \\
 \text{Row width} & & \text{Band RATE} \\
 \text{in inches} & & \text{per acre} \\
 & & \text{---}
 \end{array}$$

$$\begin{array}{rcl}
 \text{Band width} & & \text{Broadcast} \\
 \text{in inches} & & \text{VOLUME} \\
 \times & & \text{per acre} \\
 \text{Row width} & & \text{Band VOLUME} \\
 \text{in inches} & & \text{per acre} \\
 & & \text{---}
 \end{array}$$

AERIAL APPLICATIONS:

Uniformly apply with properly calibrated aerial equipment in 5 or more gallons of water per acre.

To avoid injury to sensitive crops from drift, aerial applicators must adhere to the following SPECIAL AERIAL USE DIRECTIONS AND PRECAUTIONS:

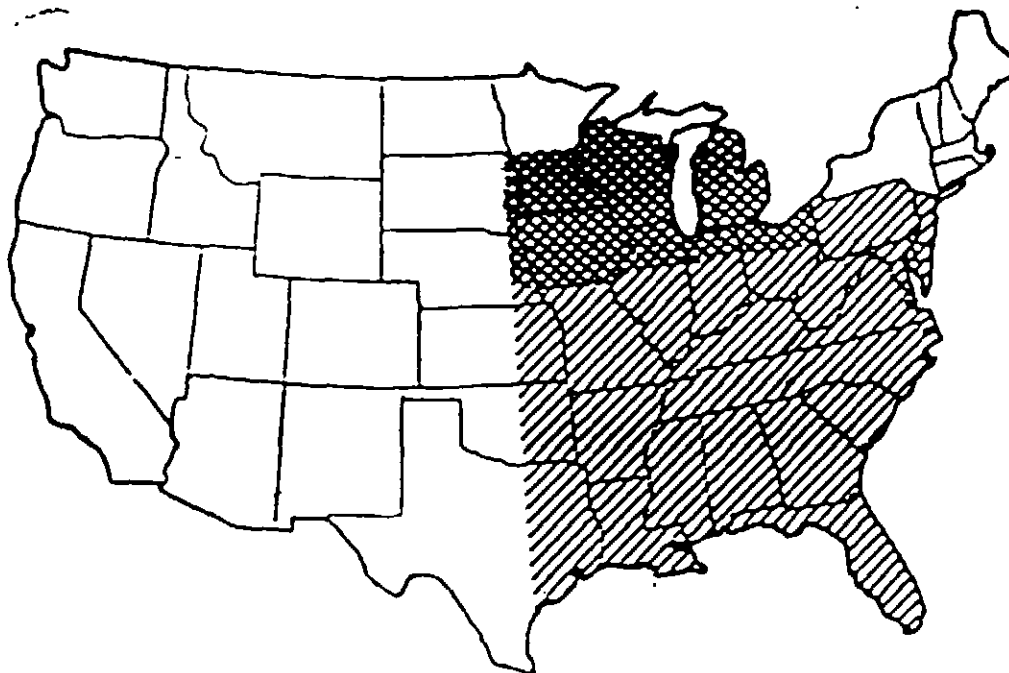
- Use nozzles which produce a coarse spray.
- Nozzle height above ground must be a maximum of 10 feet.
- Nozzles must be pointed toward the rear of the aircraft. The downward angle of the nozzle should not be greater than 20 degrees.
- To minimize wing-tip vortex roll, nozzles or spray boom must not be located any closer to end of wing or rotor than three-fourths the distance from the center of the aircraft.
- Use a maximum spray pressure of 40 psi.
- A buffer zone must be established between the area to be sprayed and sensitive crops.
- DO NOT spray when wind velocity is greater than 5 mph.

NOTE: To avoid streaked, uneven or overlapped application, use mechanical marking systems only, HUMAN FLAGGERS PROHIBITED!

Applicator is responsible for any loss or damage which results from spraying ALA-SCEPT in manner other than recommended in this label. In addition, applicator must follow all applicable state and local regulations and ordinances in regard to spraying.

USE AREA

ALA-SCEPT herbicide can be applied only in the states or parts of states shaded in the following map:



XXXXX - Northern Use Area (includes: Nebraska, east of U.S. 81, north of U.S. 34; South Dakota, east of U.S. 81; Illinois, north of S.R. 116 for area west of Peoria, north of U.S. 24 for area east of Peoria; Indiana, north of U.S. 24 for area west of Huntington, north of U.S. 224 for area east of Huntington; Ohio, north of U.S. 224; and all other states or portions of states shaded in the Northern Use Area Map.)

///// - Southern Use Area (includes: Kansas, east of U.S. 81 and Cloud, Ellsworth, Harvey, Jewell, Lincoln, Mitchell, McPherson, Ottawa, Republic, Saline, Sedgewick, and Sumner counties; southern portions of Illinois, Indiana, Ohio and eastern Nebraska not covered by Northern Use Area description; and all other states or portions of states shaded in the Southern Use Area map.)

NOTE: See ROTATIONAL CROP RESTRICTIONS section for recommendations applying to the Northern vs. Southern Use Areas.

NOTE: See SEQUENTIAL PROGRAM section of this label for geographical restrictions for this method of application.

USE RATE

Apply ALA-SCEPT at a broadcast rate of 2 2/3 quarts per acre.

NOTE: In the Northern Use Area as defined by the Use Area section of the label, apply ALA-SCEPT prior to July 1.

APPLICATIONS WITH LIQUID FERTILIZERS

ALA-SCEPT can be applied to the soil in liquid fertilizers, alone or in tank mix combinations with Lasso². Follow all ALA-SCEPT label recommendations regarding incorporation, timing of application, special instructions and precautions. Apply treatments in 20 or more gallons of liquid fertilizer per acre with ground equipment.

All individual state regulations relating to fluid fertilizer mixing, registration, labeling and application are the responsibility of the individual and/or company selling the ALA-SCEPT liquid fertilizer mixture.

LIQUID FERTILIZER COMPATIBILITY DETERMINATIONS

If a liquid fertilizer and herbicide(s) mixture separates in the spray tank, clogged equipment and uneven application can result, which can cause poor weed control and crop injury. Always predetermine the compatibility of ALA-SCEPT alone or with other herbicides in the specific liquid fertilizer to be used according to the following directions:

- 1. Add 1 pint fertilizer to each of 2 one-quart jars.
- 2. Add 1/2 teaspoon of adjuvant to one jar. See recommended adjuvants below.

NOTE: Compex-Kalo Laboratories Incorporated, Kansas City, MO; Sponto 168 D-Witco Chemical Company, Houston, TX; Unite-Hopkins Agricultural Chemical Company, Madison, WI; or other comparable adjuvants.

- 3. (a) When using ALA-SCEPT alone, add to each jar the correct amount of ALA-SCEPT as specified in the table below.
- (b) When using ALA-SCEPT tank mixtures, first add the correct amount of ALA-SCEPT and then add the specified quantity of the recommended herbicide(s).
- 4. Close both jars and shake thoroughly for 10 seconds. Let them stand for 30 minutes and then observe the results. Look for signs of separation, an oily layer or globules, sludge, flakes or other precipitates.

²Lasso is a trademark of Monsanto Agricultural Products Company.



- (a) If the mixture without adjuvant does not separate, use this mixture in your spray tank.
- (b) If the mixture with adjuvant does not separate, but the one without adjuvant separates, use the adjuvant mixture in your spray tank. Add the adjuvant to the liquid fertilizer as directed on the manufacturer's label.
- (c) If either mixture separates, but mixes readily with shaking, the mixture can be used providing good agitation is maintained in the spray tank.
- (d) If separation of the mixture occurs and agitation and/or adjuvant does not correct this problem, DO NOT use the herbicide(s) in that specific liquid fertilizer.

**Teaspoons of Specified Herbicide
to be Added to 1 Pint of
Liquid Fertilizer Solution**

Gallons of Liquid Fertilizer to be Applied per Acre	ALA-SCEPT	Lasso
20	4	3
30	3	2 1/4
40	2	1 1/2

For changes in spray volume, make appropriate changes in the amount of ingredients in the test.

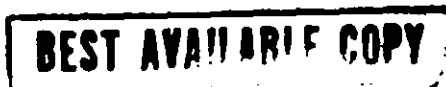
PREPLANT INCORPORATED APPLICATIONS WITH DRY BULK FERTILIZERS

ALA-SCEPT may be impregnated on dry bulk fertilizers. When applied as directed, ALA-SCEPT*bulk fertilizer mixtures provide weed control equal to that provided by the same rates of ALA-SCEPT applied in water or liquid fertilizer.

Follow all ALA-SCEPT label recommendations regarding incorporation, special instructions and precautions. Apply ALA-SCEPT/dry bulk fertilizer mixtures only with ground equipment.

All individual state regulations relating to dry bulk fertilizer blending, registration, labeling, and application are the responsibility of the individual and/or company selling the ALA-SCEPT/dry bulk fertilizer mixture.

A minimum of 200 pounds and a maximum of 450 pounds of dry bulk fertilizer impregnated with the recommended amount of ALA-SCEPT must be applied per acre.



DO NOT impregnate ALA-SCEPT onto coated ammonium nitrate or limestone because these materials will not absorb the herbicide. Dry fertilizer blends containing mixtures of ammonium nitrate or limestone may be impregnated with ALA-SCEPT. A minimum of 200 pounds of impregnated dry bulk fertilizer, excluding the weight of ammonium nitrate or limestone, must be applied per acre.

Use the following table to determine the amount of ALA-SCEPT to be impregnated on a ton of dry bulk fertilizer based on the rate of fertilizer which will be applied per acre.

RATE CHART FOR IMPREGNATION OF DRY BULK FERTILIZER WITH ALA-SCEPT

(Quarts of ALA-SCEPT per Ton of Fertilizer)

ALA-SCEPT Rate Per Acre	Fertilizer Rate lbs/acre	Quarts per Ton
2.66 Quarts	200	26-2/3
	250	21-1/3
	300	17-1/3
	350	15-1/4
	400	13-1/3
	450	11-3/4

For those rates not listed in this table, calculate the quarts of ALA-SCEPT to be impregnated on a ton of dry bulk fertilizer using the following formula:

$$\frac{2000}{\text{Pounds of dry fertilizer per acre}} \times \text{2 2/3 Quarts of ALA-SCEPT per acre (recommended rate)} = \text{Quarts of ALA-SCEPT per ton of fertilizer}$$

To impregnate ALA-SCEPT on bulk fertilizer, use a closed rotary-drum mixer or other commonly used dry bulk fertilizer blender equipped with suitable spray equipment. Spray nozzles must be placed to provide uniform coverage of ALA-SCEPT onto the fertilizer during mixing.

Apply the ALA-SCEPT/dry bulk fertilizer mixture with an accurately calibrated dry fertilizer spreader. The ALA-SCEPT/bulk fertilizer mixture must be spread uniformly on the soil surface. Uneven spreading can cause poor weed control and crop injury.

Refer to INCORPORATION INSTRUCTIONS section of this label for incorporation directions.

APPLICATION INSTRUCTIONS

PREPLANT INCORPORATED APPLICATIONS

Apply ALA-SCEPT before planting and incorporate uniformly into the top 1 to 2 inches of soil. Mechanical incorporation can be achieved by the following:

(a) Disk harrow set to cut 3 to 4 inches deep and operated in two different directions at 4 to 6 mph.

(b) PTO-driven equipment (tillers, cultivators, hoes) set to cut 2 inches deep and operated one time at 4 mph or less.

(c) Rolling cultivator set to cut 2 to 3 inches deep and operated two times at 6 to 8 mph. Use only on coarse textured soils.

(d) Field cultivator with 3 to 4 rows of sweeps (Do not use chisel points), spaced at intervals of 7 inches or less and staggered so that no soil is left unturned, set to cut 3 inches deep, and operated two times at more than 5 mph with the second pass made at an angle to the first.

(e) LELY-Roterra³ set and operated according to the manufacturer's directions to thoroughly incorporate ALA-SCEPT to a depth of 1 to 2 inches.

(f) Do-All set and operated according to the manufacturer's directions to thoroughly incorporate ALA-SCEPT to a depth of 1 to 2 inches.

Incorporate within 7 days after application. Adequate moisture is required for activation of ALA-SCEPT.

If soybeans are planted on beds, apply and incorporate after bed formation using PTO-driven equipment or rolling cultivator.

PREEMERGENCE APPLICATIONS

Apply ALA-SCEPT during or after planting but before the crop emerges. Apply within 5 days of the last preplant tillage operation. As with other herbicides applied preemergence, rainfall or irrigation is necessary to activate ALA-SCEPT in the soil. If sufficient rainfall or irrigation to activate ALA-SCEPT is not received within 7 days after application, a thorough shallow tillage or cultivation is recommended (preferably with a rotary hoe) for control of emerged weeds.

³LELY-Roterra is a trademark of Lely.

BEST AVAILABLE COPY

POSTEMERGENCE APPLICATIONS

Apply before soybeans exceed the unifoliate stage of growth (first two true leaves). Weeds which are emerged at the time of application may not be controlled by this treatment. Rainfall or overhead sprinkler irrigation is required after application to move the herbicide treatment into the weed germination zone to control unemerged weeds. If weeds are emerged at application or after treatment, shallowly cultivate or rotary hoe immediately to improve performance.

HERBICIDE COMBINATIONS

ALA-SCEPT should be used only in accordance with the directions on this label. Do not use ALA-SCEPT in any tank mixes other than those specifically provided in this label.

A soil treatment of ALA-SCEPT is active on a broad spectrum of grass and broadleaf weeds. For heavy weed infestations or more difficult to control weeds, ALA-SCEPT may be tank mixed with Lasso herbicide or followed by a sequential postemergence application of SCEPTER or SCEPTER O.T. herbicides (See SEQUENTIAL PROGRAM section)

For no-till uses, ALA-SCEPT may be tank mixed with Gramoxone⁴ Super or Roundup⁵.

When used in combination with another herbicide, ALA-SCEPT should be used only in accordance with recommendations on this label. Always follow the more restrictive label limitations and precautions. ALA-SCEPT cannot be mixed with any product containing a label prohibition against such mixing.

Soil Texture

Although the rate of ALA-SCEPT does not vary with soil texture, the recommended rates of other herbicides used with this product generally do vary with soil texture. Combination rate tables in this label refer to three soil texture groups: COARSE, MEDIUM, and FINE. The following table lists soil textures included in each of these three groups:

<u>COARSE</u>	<u>MEDIUM</u>	<u>FINE</u>
sands	sandy clay loams*	silty clay loams*
loamy sands	sandy clays	silty clays
sandy loams	loams	clay loams
	silt loams	clays
	silts	

*Sometimes considered transitional soils and may be classified as either medium or fine textured soils.

⁴Roundup is a trademark of Monsanto Company.

⁵Gramoxone Super is a trademark of ICI Americas Inc.

ALA-SCEPT Plus Lasso

In cases of heavy weed infestations or for improved control of hard to control weed species (i.e., seedling Johnsongrass, groundcherry, nightshade, smartweed, Texas panicum), Lasso herbicide can be added to the recommended rate of ALA-SCEPT. A maximum of 2 quarts of Lasso per acre can be added to the 2 2/3 quarts per acre rate of ALA-SCEPT.

MINIMUM AND NO-TILL SYSTEMS

ALA-SCEPT may be applied in minimum or no-till soybeans. To kill existing vegetation, Gramoxone Super or Roundup may be tank mixed with ALA-SCEPT alone or in combination with Lasso. Gramoxone Super or Roundup should be deleted from the tank mixture if vegetation is absent at the time of application.

Apply ALA-SCEPT treatments immediately before, during or after planting but BEFORE CROP EMERGENCE. To ensure thorough coverage, use a minimum of 20 gallons of spray solution per acre. Use higher gallonage for fields with dense vegetation or heavy crop residues. Use ground equipment ONLY.

Tank Mixtures with Roundup

Annual Weeds

Apply 1 to 1 1/2 quarts of Roundup per acre in recommended tank mixtures. Use the 1 1/2 quart rate if annual weeds are more than 6 inches tall.

Roundup will control most annual emerged weeds. Refer to the Roundup label for specific use recommendations and weeds controlled.

Perennial Weeds

At normal application times in minimum or no-till systems, perennial weeds may not be at the proper stage of growth for control with Roundup. Refer to Roundup label for the proper stage of growth for perennial weeds. Use of 2 to 4 quarts of Roundup per acre in tank mixtures under these conditions provides top kill and reduces competition from many emerged perennial grass and broadleaf weeds. Refer to Roundup label for emerged perennial weeds controlled. To obtain control of perennial weeds, follow recommendations on the Roundup label for stage of growth and rate of application.

NOTE: When using these tank mixtures, DO NOT exceed 4 quarts of Roundup per acre.

USE OF THESE ROUNDUP TANK MIXTURES FOR BERMUDAGRASS OR JOHNSONGRASS CONTROL IS NOT RECOMMENDED.

DO NOT use Roundup herbicide when Lasso Micro-Tech⁶ herbicide is included in the tank mixture.

Observe all precautions and limitations on the Roundup label.

⁶Lasso Micro-Tech is a trademark of Monsanto Company.

Tank Mixtures with Gramoxone Super

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

Broadcast Treatment -- Apply 1-1/2 to 2-1/2 pints of Gramoxone Super in this tank mixture immediately before, during or after planting but BEFORE CROP EMERGENCE. Use the 2-1/2 pint rate if any weeds are 4 to 6 inches tall. This mixture may not control weeds taller than 6 inches. Add 8 oz. of non-ionic surfactant per 100 gallons of spray mixture as the last ingredient in the tank. Refer to the Gramoxone Super label for precautionary statements.

SEQUENTIAL PROGRAM

ALA-SCEPT followed by SCEPTER® herbicide Postemergence

A preplant incorporated or preemergence application of ALA-SCEPT may be followed by a single postemergence application of SCEPTER to control certain problem weeds.

Apply SCEPTER at 1/3 to 2/3 pint per acre as a sequential postemergence treatment following either a preplant incorporated or preemergence treatment of ALA-SCEPT. The sequential postemergence treatment should be applied before weed species exceed the 1 to 2 true leaf stage.

Follow use directions for postemergence treatments on the SCEPTER label.

This sequential application can be used in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, and Texas only.

When applied as directed, ALA-SCEPT preplant or preemergence followed by SCEPTER postemergence at a rate of 2/3 pint per acre will control the following weeds:

Beggarweed, Florida	(<u>Desmodium tortuosum</u>)
Mexicanweed	(<u>Caperonia castaniifolia</u>)
Sicklepod	(<u>Cassia obtusifolia</u>)
Texasweed	(<u>Caperonia palustris</u>)

**ALA-SCEPT followed by SCEPTER® O.T.® herbicide
Postemergence**

A preplant incorporated or preemergence application of ALA-SCEPT may be followed by a single postemergence application of SCEPTER O.T. to control morningglories and hemp sesbania (Sesbania exaltata).

Apply SCEPTER O.T. at 1 pint per acre as a sequential postemergence treatment following either a preplant incorporated or preemergence treatment of ALA-SCEPT.

Follow use directions for postemergence treatments on the SCEPTER O.T. label. See the SCEPTER O.T. label for weed height limitations.

This sequential application can be used in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, and Texas only.

For postemergence control of other weeds following a soil application of ALA-SCEPT, refer to the SCEPTER or SCEPTER O.T. labels in the Postemergence Applications sections for use rates, weeds controlled, and growth stages.