

SCEPTER®
herbicide

FOR USE IN SOYBEANS

NOT REVISIONED
In Accordance with EPA Notice 82-32
Based on the Label Being Rated

AS per Application Dated
10/10/89

PM 25
241-289
10/30

ACTIVE INGREDIENT:

Ammonium salt of imazaquin (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-quinolinecarboxylic acid)*. 17.3%

INERT INGREDIENTS 82.7%

TOTAL 100.0%

*Equivalent to 16.4% 2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-quinolinecarboxylic acid.

(1 gallon contains 1.5 pounds of active ingredient as the free acid)

EPA Reg. No. 241-289

EPA Est. No. 241-MO-1

KEEP OUT OF REACH OF CHILDREN

CAUTION!

PRECAUCION!

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

STATEMENT OF PRACTICAL TREATMENT

If on skin: Wash with plenty of soap and water.

If in eyes: Flush eyes with plenty of water.

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

See Additional Precautionary Statements Inside
See Directions For Use Inside

AMERICAN CYANAMID COMPANY
AGRICULTURAL DIVISION
CROP PROTECTION CHEMICALS DEPARTMENT
WAYNE, NJ 07470 ©1989

Net Contents: 2.5 Gallons

•Registered Trademark of American Cyanamid Company

10/89

10/13/89

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¹Lasso is a trademark of Monsanto Agricultural Products Company

²Dual is a trademark of Ciba-Geigy Corporation

³Command is a trademark of FMC Corporation

⁴Gramoxone Super is a trademark of ICI Americas, Inc.

^{5,6}Roundup and Bronco are trademark of Monsanto Agricultural Products Company

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SCEPTER® herbicide

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

CAUTION!

Harmful if inhaled or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

DO NOT apply directly to water or wetlands (swamps, bogs, marshes and potholes).

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.

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

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

STORAGE AND DISPOSAL

PROHIBITIONS:

KEEP FROM FREEZING

DO NOT store below 32°F.

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

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved disposal facility.

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.

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DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on field use and tests. 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 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's liability will be limited to a refund of the purchase price of the SCEPTER. 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.

American Cyanamid Company makes no other express or implied warranty, including other express or implied warranty of FITNESS or of MERCHANTABILITY.

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GENERAL INFORMATION

SCEPTER is a uniquely flexible broad-spectrum herbicide which may be applied preplant incorporated, preemergence or postemergence in soybeans.

When SCEPTER is applied to the soil, susceptible weeds emerge, growth stops, and then the weeds either die or are not competitive with the crop.

When SCEPTER is applied postemergence, absorption occurs through both the foliage and roots. Susceptible weeds stop growing and either die or are not competitive 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. After postemergence treatments, wait at least 10 days before cultivating.

The mode of weed killing activity involves uptake of SCEPTER by weed roots and/or foliage and rapid translocation to growing points. Therefore, adequate soil moisture is important for optimum SCEPTER 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, SCEPTER 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.

A SCEPTER soil treatment followed by a SCEPTER postemergence treatment will control certain problem weeds. (See SEQUENTIAL PROGRAM section). Use sequential treatments in recommended states only.

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

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

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 SCEPTER.

To avoid injury to sensitive crops from spray drift, follow all use directions and precautions in SPRAYING INSTRUCTIONS on pages 8 and 9.

To avoid injury to sensitive crops, spray equipment used for SCEPTER applications must be drained and thoroughly cleaned with water before being used to apply other products to these crops. See page 29 and 30 for ROTATIONAL CROP RESTRICTIONS.

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

Do not use SCEPTER in any tank mixes other than those specifically provided in this label.

Use of SCEPTER 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, crop injury, is always possible.

**WEEDS CONTROLLED
SCEPTER Alone**

When applied as directed, SCEPTER soil-applied treatments will control the following weeds:

BROADLEAF WEEDS

Bristly Starbur ✓	(<u>Acanthospermum hispidum</u>)
Burcucumber*	(<u>Sicyos angulatus</u>)
Cocklebur, Common ✓	(<u>Xanthium strumarium</u>)
Jimsonweed ✓	(<u>Datura stramonium</u>)
Lambsquarters, Common ✓	(<u>Chenopodium album</u>)
Mallow, Venice ✓	(<u>Hibiscus trionum</u>)
Morningglory	
Palmleaf ✓	(<u>Ipomoea wrightii</u>)
Pitted ✓	(<u>Ipomoea lacunosa</u>)
Smallflower ✓	(<u>Jacquemontia tamnifolia</u>)
Mustard species ✓*	(<u>Brassica spp.</u>)
Nightshade, Eastern Black*	(<u>Solanum tyacanthum</u>)
Pigweed ✓	
Palmer ✓	(<u>Amaranthus palmeri</u>)
Redroot ✓	(<u>Amaranthus retroflexus</u>)
Smooth ✓	(<u>Amaranthus hybridus</u>)
Spiny ✓	(<u>Amaranthus spinosus</u>)
Waterhemp, Tall ✓	(<u>Amaranthus tuberculatus</u>)
Poinsettia, Wild ✓	(<u>Euphorbia heterophylla</u>)
Puncturevine ✓	(<u>Tribulus terrestris</u>)
Pusley, Florida ✓	(<u>Richardia scabra</u>)
Ragweed ✓	
Common ✓	(<u>Ambrosia artemisiifolia</u>)
Giant*	(<u>Ambrosia trifida</u>)
Redweed*	(<u>Melochia corchorifolia</u>)
Sida, Prickly (teaweed) ✓	(<u>Sida spinosa</u>)
Smartweed,	
Ladysthumb ✓	(<u>Polygonum persicaria</u>)
Pennsylvania ✓	(<u>Polygonum pennsylvanicum</u>)
Sunflower, Common ✓	(<u>Helianthus annuus</u>)
Velvetleaf* ✓	(<u>Abutilon theophrasti</u>)

*Eastern black nightshade, giant ragweed, burcucumber, redweed and velvetleaf are controlled by preplant incorporated treatments only.

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GRASSES

- Foxtail
- Giant (Setaria faberi)
- Green (Setaria viridis)
- Yellow (Setaria glauca)
- Johnsongrass, seedling (Sorghum halepense)

SCEPTER soil-applied treatments will aid in the control and reduce competition from:

- Beggarweed, Florida**** (Desmodium tortuosum)
- Barnyardgrass (Echinochloa crus-galli)
- Mexicanweed**** (Cyperus castanifolia)
- Goosegrass (Eleusine indica)
- Morningglory**
- Entireleaf (Ipomoea hederacea var. intergriuscula)
- Ivyleaf (Ipomoea hederacea)
- Tall (Ipomoea purpurea)
- Nutsedge, Yellow*** (Cyperus esculentus)
- Shattercane (Sorghum bicolor)
- Sicklepod**** (Cassia obtusifolia)
- Signalgrass, Broadleaf (Brachiaria platyphylla)
- Spurge, Spotted (Euphorbia maculata)
- Texasweed**** (Cyperus palustris)

**For best activity on morningglory species, use preplant incorporated treatments.

***Preplant Incorporated treatments only.

****A sequential treatment of SCEPTER applied preplant incorporated or preemergence followed by SCEPTER postemergence will control these weeds. See pages 26 and 27 for more information of the sequential program.

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MIXING INSTRUCTIONS

Fill the spray tank one-half to three-quarters full with clean water. While agitating add the required amount of SCEPTER and then fill the remainder of the tank with water. For postemergence applications, add the nonionic surfactant or the crop oil concentrate as last ingredient in the tank. An antifoaming agent may be added to the tank if needed. Maintain agitation while spraying to ensure a uniform spray mixture.

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

When tank mixing Roundup or Gramoxone Super with SCEPTER and PROWL, Lasso or Dual, add herbicides to the tank in the following order: (1) PROWL, Lasso or Dual, (2) Roundup or Gramoxone Super, (3) SCEPTER, and (4) nonionic surfactant.

SPRAYING INSTRUCTIONS

NOTE: 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.

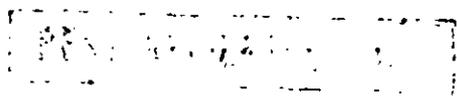
To ensure thorough coverage, use a minimum of 20 gallons of water per acre when applying SCEPTER to minimum or no-till soybeans or when applying as a postemergence treatment. Use higher gallonage for fields with dense vegetation or heavy crop residues.

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:

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

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



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AERIAL APPLICATIONS:

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

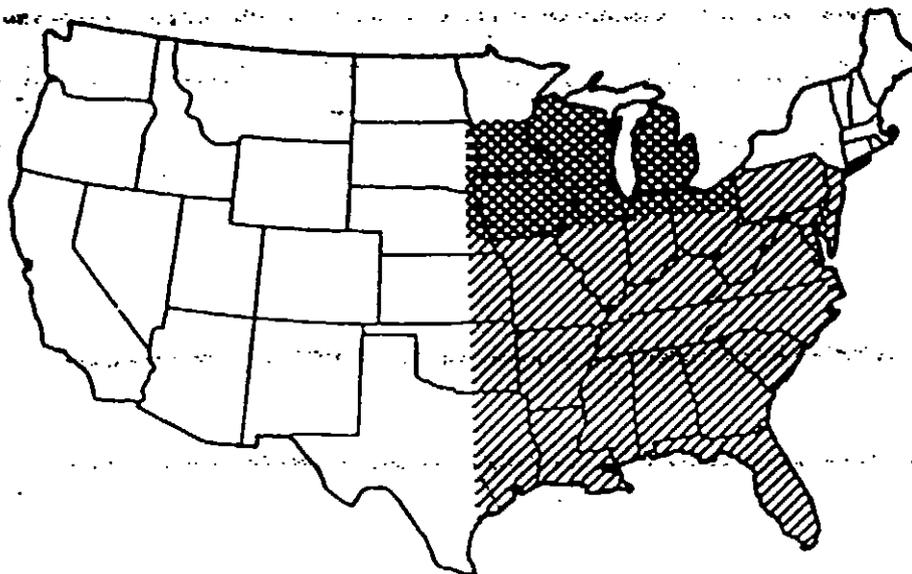
To avoid injury to sensitive crops from drift, aerial applicators must adhere to the following **SPECIAL AERIAL USE DIRECTIONS AND PRECAUTIONS:**

- 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.

Applicator is responsible for any loss or damage which results from spraying SCEPTER 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

SCEPTER can be applied only in the states or parts of states shaded in the following map:



XXXXX - Northern 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 Area Map.)

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

Note: See USE RATES section and ROTATIONAL CROP RESTRICTIONS section for recommendations applying to the Northern vs. Southern Use Areas.

Note: See SEQUENTIAL PROGRAM section in the label for geographical restrictions for this method of application.

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USE RATES

Apply SCEPTER at a broadcast rate of 2/3 pint per acre for preplant incorporated and preemergence (including minimum and no-till systems) applications. At this broadcast rate, one gallon of SCEPTER will treat 12 acres of soybeans. Apply SCEPTER at a broadcast rate of 1/3 to 2/3 pint per acre for postemergence applications.

NOTE: For preplant incorporated and preemergence applications on sands and loamy sands, 1/2 pint per acre can be used without a substantial reduction in the control of only cocklebur and pigweed.

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

APPLICATION INSTRUCTIONS

PREPLANT INCORPORATED APPLICATIONS

Apply SCEPTER 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-Roterra¹ set and operated according to the manufacturer's directions to thoroughly incorporate SCEPTER to a depth of 1 to 2 inches.
- (f) Do-All set and operated according to the manufacturer's directions to thoroughly incorporate SCEPTER to a depth of 1 to 2 inches.

¹LELY-ROTERRA is a trademark of Lely.

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SCEPTER may be applied immediately before planting or up to 30 days prior to planting in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee and Texas only. For the remaining Southern and Northern Use Areas, SCEPTER may be applied 45 days prior to planting. Incorporate within 7 days after application. Adequate moisture is required for activation of SCEPTER.

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

APPLICATIONS WITH LIQUID FERTILIZERS

GENERAL

SCEPTER can be applied to the soil in liquid fertilizers, alone or in combination with PROWL, trifluralin, Lasso or Dual. Follow all SCEPTER 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 SCEPTER/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 SCEPTER 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: Compreh-Kalo Laboratories Incorporated, Kansas City, MO; Sponyo 168 D-Witco-Retzloff Chemical Company, Houston, TX; Unite-Hopkins Agricultural Chemical Company, Madison, WI; or other compatible adjuvants.

3. (a) When using SCEPTER alone, add to each jar the correct amount of SCEPTER as specified in the table below.
 - (b) When using SCEPTER tank mixtures, first add the specified quantity of PROWL, trifluralin, Lasso or Dual and then add the correct amount of SCEPTER.
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 of globules, sludge, flakes or other precipitates.
 - (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 Specific Herbicide to be added to
1 Pint of Liquid Fertilizer Solution**

Gallons of Liquid Fertilizer to be Applied per Acre	SCEPTER	PROWL	Trifluralin	Lasso	Dual
20	1/2	2-1/2	2-1/2	5	2-1/2
30	1/4	1-3/4	1-3/4	3-1/2	1-3/4
40	1/4	1-1/4	1-1/4	2-1/2	1-1/4

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PREPLANT INCORPORATED APPLICATIONS WITH DRY BULK FERTILIZERS

SCEPTER may be impregnated on dry bulk fertilizers. When applied as directed, SCEPTER/dry bulk fertilizer mixtures provide weed control equal to that provided by the same rates of SCEPTER applied in water.

Follow all SCEPTER label recommendations regarding incorporation, special instructions and precautions. Apply SCEPTER/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 SCEPTER/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 SCEPTER must be applied per acre.

DO NOT impregnate SCEPTER 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 SCEPTER. 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 SCEPTER 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 SCEPTER

(Pints of SCEPTER per Ton of Fertilizer)

SCEPTER Rate Per Acre	Fertilizer Rate lbs/acre	Pints per Ton
2/3 Pint	200	6-2/3
	250	5-1/3
	300	4-1/2
	350	3-3/4
	400	3-1/3
	450	3

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

$$\frac{2000}{\text{Pounds of dry fertilizer per acre}} \times \frac{2/3 \text{ pint of SCEPTER per acre (recommended rate)}}{1} = \text{Pints of SCEPTER per ton of fertilizer}$$

To impregnate SCEPTER 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 SCEPTER onto the fertilizer during mixing.

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

Refer to Application Instructions section of this label under Preplant Incorporated applications on page 11 for incorporation directions.

PREEMERGENCE APPLICATIONS

Apply SCEPTER during or after planting but before the crop emerges. As with other herbicides applied preemergence, rainfall or irrigation is necessary to activate SCEPTER in the soil. If sufficient rainfall or irrigation to activate SCEPTER 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.

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HERBICIDE COMBINATIONS

A soil treatment of SCEPTER is active against many grass species, but for maximum grass control SCEPTER should be tank mixed with PROWL[®] herbicide, trifluralin, Lasso or Dual. SCEPTER may also be applied as a sequential preemergence or postemergence treatment following application of one of the above grass herbicides.

For no-till uses, SCEPTER may be tank mixed with Gramoxone Super, Roundup or Bronco.

SCEPTER may be followed by a postemergence application of Fusilade⁶ or Poast⁷. DO NOT tank mix SCEPTER with postemergence grass herbicides.

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

Soil Texture

Although the rate of SCEPTER 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.

⁶Fusilade is a trademark of ICI Americas, Inc.
⁷Poast is a trademark of BASF Wyandotte Corporation.

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WEEDS CONTROLLED
PREPLANT AND PREEMERGENCE COMBINATION TREATMENTS

When applied as directed, SCEPTER preplant incorporated or preemergence combination treatments with PROWL, trifluralin Lasso or Dual will control, as indicated, weeds listed in the following table in addition to those controlled by SCEPTER alone.

WEED	PROWL	Trifluralin ^a	Lasso	Dual
GRASSES				
BARNYARDGRASS (<u>Echinochloa crus-galli</u>)	X	X	X	X
CRABGRASS, SMOOTH (<u>Digitaria ischaemum</u>)	X	X	X	X
CRABGRASS, LARGE (<u>Digitaria sanguinalis</u>)	X	X	X	X
CROWFOOT GRASS (<u>Dactyloctenium aegyptium</u>)	X	X		
GOOSEGRASS (<u>Eleusine indica</u>)	X	X	X	X
PANICUM, FALL (<u>Panicum dichotomiflorum</u>)	X	X ^c	X	X
PANICUM, TEXAS (<u>Panicum texanum</u>)	X	X		
SANDBUR, FIELD (<u>Cenchrus incertus</u>)	X	X		
SHATTER ANE (<u>Sorghum bicolor</u>)	X ^{a,b}	X ^c		
SIGNALGRASS (<u>Brachiaria platyphylla</u>)	X	X	X	X
WITCHGRASS (<u>Panicum capillare</u>)	X	X	X	X
BROADLEAF WEEDS				
CARPETWEED (<u>Mollugo verticillata</u>)	X	X	X	X
GALINSOGA (<u>Galinsoga</u> spp.)			X	X
KOCHIA (<u>Kochia scoparia</u>)	X	X		
MURSLANE (<u>Portulaca oleracea</u>)	X	X	X	
SPURGE, ANNUAL (<u>Euphorbia</u> spp.)	X			

^aPreplant incorporated treatments only.

^bSee Note on page 19.

^cSee Note on page 20.

SCEPTER Plus PROWL Tank Mixture

Apply SCEPTER plus PROWL preplant incorporated or preemergence using rates in the table below. Follow use directions under APPLICATION INSTRUCTIONS in this label. For preplant incorporated applications, incorporate into the soil within 7 days after application, and plant soybeans within 45 days after application. For preemergence applications, apply at planting or up to 2 days after planting. DO NOT apply if soybeans have emerged.

Broadcast Rate of SCEPTER Plus PROWL

Soil Texture	<u>Less Than 3% Organic Matter</u>		<u>3% or More Organic Matter</u>	
	SCEPTER pints/acre	+ PROWL pints/acre	SCEPTER pints/acre	+ PROWL pints/acre
Coarse	2/3	1 to 1-1/2	2/3	1-1/2
Medium	2/3	1-1/2 to 2	2/3	1-1/2 to 2
Fine	2/3	1-1/2 to 2	2/3	2 to 2-1/2

NOTE: Use the higher rate of PROWL if heavy weed populations are anticipated or if shattercane will be present.

Observe all precautions and limitations on PROWL label.

SCEPTER Plus trifluralin Tank Mixture

Apply SCEPTER plus trifluralin preplant incorporated using rates in the table below. Follow use directions under APPLICATION INSTRUCTIONS in this label. Incorporate into the soil within 24 hours after application, and plant soybeans within 45 days after application. Use equipment that provides uniform 2 inch incorporation.

Broadcast Rate of SCEPTER Plus trifluralin*

Soil Texture	SCEPTER pints/acre	Trifluralin* pints/acre
Coarse	2/3	1
Medium	2/3	1-1/2
Fine	2/3	2

NOTE: If fall panicum or shattercane will be present, refer to trifluralin label for higher rates to control these weeds.

Observe all precautions and limitations on the trifluralin label.

*Based on 4 pounds active ingredient per gallon.

SCEPTER Plus Lasso Tank Mixture

Apply SCEPTER plus Lasso preplant incorporated or preemergence using rates in the table below. Follow use directions under APPLICATION INSTRUCTIONS in this label. For preplant incorporated applications, apply and incorporate within 7 days prior to planting.

Broadcast Rate of SCEPTER Plus Lasso

Less than 3% Organic Matter 3% or More Organic Matter

SCEPTER Lasso (quarts/acre) SCEPTER Lasso (quart/acre)

Soil Texture	(pints/acre)	Preplant Incorporated	Preemer- gence	(pints/acre)	Preplant Incorporated	Preemergence
Coarse	2/3	2 to 2-1/2	2	2/3	2 to 2-1/2	2
Medium	2/3	2-1/2 to 3	2	2/3	2-1/2 to 3	2
Fine	2/3	2-1/2 to 3	2*	2/3	2-1/2 to 3	2-1/2

*On silty clay and heavy clay soils of the Mississippi Delta, use 2 to 2-1/2 quarts of Lasso.

NOTE: For preplant incorporated applications, use the higher rate of Lasso if heavy weed populations are anticipated.

Observe all precautions and limitations on the Lasso label.

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SCEPTER Plus Dual Tank Mixture

Apply SCEPTER plus Dual preplant incorporated or preemergence using rates in table below. Follow use directions under APPLICATION INSTRUCTIONS in this label. For preplant incorporated applications, apply up to 29 days prior to planting. Incorporate within 7 days after application.

Broadcast Rate of SCEPTER Plus Dual

Soil Texture	<u>Less Than 3% Organic Matter</u>		<u>3% or More Organic Matter</u>	
	SCEPTER pints/acre	DUAL pints/acre	SCEPTER pints/acre	DUAL pints/acre
Coarse	2/3	1-1/4	2/3	1-1/2
Medium	2/3	1-1/2	2/3	2
Fine	2/3	2	2/3	2 to 2-1/2*

*Use the higher rate of Dual if heavy weed populations are anticipated.

NOTE: Observe all precautions and limitations on Dual label.

SCEPTER Plus PROWL Plus Command Tank Mixtures

Observe all precautionary statements and limitations in the PROWL and Command labels before using. The SCEPTER plus PROWL plus Command 4EC preplant incorporated tank mixture may be used when heavy infestations of velvetleaf are anticipated. Uniformly apply the tank mixture with properly calibrated ground equipment in 10 to 40 gallons of water per acre. Use sprayers equipped with nozzles that provide accurate and uniform application. NOTE: The use of an agriculturally approved drift reducing agent is required at finished spray volumes of 10 to 15 gallons per acre.

Apply SCEPTER plus PROWL plus Command 4EC to the soil surface and uniformly incorporate. Refer to the Command 4EC label for incorporation instructions. DO NOT apply aerially or through irrigation equipment. DO NOT apply this tank mixture to overly moist or wet soils.

SPECIAL PRECAUTION

Command 4EC is a volatile compound. Off-site movement of spray drift or vapors of Command can cause foliar whitening or yellowing of some plants. Prior to using Command, read and strictly follow all precautions and application instructions of the Command label.

WEED SPECIES CONTROLLED

The SCEPTER plus PROWL plus Command tank mixture controls heavy infestations of velvetleaf as well as all the weeds listed in this label for combination preplant incorporated treatments of SCEPTER plus PROWL.

BROADCAST RATE PER ACRE OF SCEPTER PLUS PROWL PLUS COMMAND 4EC

Soil Texture	SCEPTER (pints/acre)	PROWL (pints/acre)	Command (pints/acre)
Less than 3% Organic Matter			
Coarse	2/3	1 to 1-1/2	1/4 to 1/2
Medium	2/3	1-1/2 to 2	1/4 to 1/2
Fine	2/3	1-1/2 to 2	1/4 to 1/2
More than 3% Organic Matter			
Coarse	2/3	1-1/2	1/4 to 1/2
Medium	2/3	1-1/2 to 2	1/4 to 1/2
Fine	2/3	2 to 2-1/2	1/4 to 1/2

When heavy grass populations are anticipated, apply PROWL at the high rate for each soil texture.

ROTATIONAL CROP RESTRICTIONS: Follow all rotational crop restrictions on the SCEPTER, PROWL and Command label.

ALWAYS FOLLOW THE MOST RESTRICTIVE LABEL.

SCEPTER Plus Trifluralin Plus Command Tank Mixture

Observe all precautionary statements and limitations in the trifluralin and Command labels before using. The SCEPTER plus trifluralin plus Command 4EC preplant incorporated tank mixture may be used when heavy infestations of velvetleaf are anticipated. Uniformly apply the tank mixture with properly calibrated ground equipment in 10 to 40 gallons of water per acre. Use sprayers equipped with nozzles that provide accurate and uniform application. NOTE: The use of an agriculturally approved drift reducing agent is required at finished spray volumes of 10 to 15 gallons per acre.

Apply SCEPTER plus trifluralin plus Command 4EC to the soil surface and uniformly incorporate. Refer to the Command 4EC label for incorporation instructions. DO NOT apply aerially or through irrigation equipment. DO NOT apply this tank mixture to overly moist or wet soils.

SPECIAL PRECAUTION

Command 4EC is a volatile compound. Off-site movement of spray drift or vapors of Command can cause foliar whitening or yellowing of some plants. Prior to using Command, read and strictly follow all precautions and application instructions on the Command label.

WEED SPECIES CONTROLLED

The SCEPTER plus trifluralin plus Command tank mixture controls heavy infestations of velvetleaf as well as all the weeds listed in this label for combination preplant incorporated treatments of SCEPTER plus trifluralin.

BROADCAST RATES PER ACRE OF SCEPTER PLUS TRIFLURALIN* PLUS COMMAND 4EC

Soil Texture	SCEPTER (pints/acre)	Trifluralin (pints/acre)	Command (pints/acre)
Coarse	2/3	1	1/4 to 1/2
Medium	2/3	1-1/2	1/4 to 1/2
Fine	2/3	2	1/4 to 1/2

Use 1-1/2 pints per acre of trifluralin on coarse soils with 2 to 5% organic matter. If fall panicum or shattercane infestations are anticipated, refer to the trifluralin label for higher rates to control these weeds.

*Based on 4 pounds active ingredient per gallon.

ROTATIONAL CROP RESTRICTIONS: Follow all rotational crop restrictions on the SCEPTER, trifluralin and Command labels.

ALWAYS FOLLOW THE MOST RESTRICTIVE LABEL.

MINIMUM AND NO-TILL SYSTEMS

SCEPTER may be applied in minimum or no-till soybeans.

For maximum grass control, tank mix SCEPTER with PROWL, Lasso or Dual. To kill existing vegetation, Gramoxone Super or Roundup may be tank mixed with SCEPTER alone or in combination with PROWL, Lasso or Dual. Gramoxone Super or Roundup should be deleted from the tank mixture if vegetation is absent at the time of application. SCEPTER may also be tank mixed with Bronco, a product which gives both preemergence control of annual grasses and postemergence control of exiting vegetation.

Apply SCEPTER treatments immediately before, during or after planting but before the crop emerges. To ensure thorough coverage, use a minimum of 20 gallons of water per acre. Use higher gallonage for fields with dense vegetation or heavy crop residues. Use ground equipment only.

SCEPTER preemergence treatments are most effective in controlling weeds when adequate moisture is received within 7 days after application.

NOTE: Plant soybeans at least one inch deep and adjust planters to ensure adequate seed coverage.

Tank Mixtures with PROWL, Lasso or Dual

1. PROWL

Use the rates in table on page 18 for SCEPTER plus PROWL preemergence tank mixtures. Use the higher rate of PROWL when previous crop residues are extremely dense. Apply immediately before, during or up to 2 days after planting. DO NOT apply if soybeans have emerged.

Observe all precautions and limitations on PROWL label.

2. Lasso

Use the following rates of Lasso for SCEPTER plus Lasso preemergence tank mixtures in minimum and no-till systems:

Soil Texture	Lasso Rate (Quarts/acre)
Coarse	2
Medium	2 to 2-1/2
Fine	2-1/2 to 3

Use the higher rate of Lasso (1) when heavy grass infestations are anticipated, (2) when fall panicum or crabgrass will be present or (3) when previous crop residues are extremely dense.

Observe all precautions and limitations on Lasso label.

3. Dual

Use the following rates of Dual for SCEPTER plus Dual preemergence tank mixtures in minimum and no-till systems:

<u>Soil Texture</u>	<u>Dual Rate (pints/acre)</u>
Coarse	1-1/2
Medium	2
Fine	2-1/2

Observe all precautions and limitations on Dual label.

Tank Mixtures With Gramoxone Super

Apply 1-1/2 to 2-1/2 pints of Gramoxone Super per acre in SCEPTER tank mixtures. Use the 2-1/2 pint rate if weeds are 4 to 6 inches tall. Weeds over 6 inches may not be controlled with this treatment.

When Gramoxone Super is included in a tank mixture, add a nonionic spreader surfactant at a rate of 8 fl. oz. per 100 gallons of spray mixture as the last ingredient in the tank.

Gramoxone Super will control most annual emerged weeds and suppress many emerged perennials. Refer to the Gramoxone Super label for specific use recommendations and weeds controlled.

Observe all precautions and limitations on Gramoxone Super label.

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 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 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.

Observe all precautions and limitations on Roundup label.

Tank Mixtures With Bronco

Use the following rates of Bronco for SCEPTER plus Bronco tank mixtures:

<u>Soil Texture</u>	<u>Bronco (quarts/acre)</u>
Coarse	3 to 5
Medium	4 to 5
Fine	4 to 5

Use the higher rate of Bronco (1) when previous crop residues are extremely dense, (2) when emerged weeds are over 6 inches tall, (3) when heavy infestations of weeds are expected, and (4) when soils contain more than 3% organic matter.

Observe all precautions and limitations on Bronco label.

POSTEMERGENCE APPLICATIONS

Apply SCEPTER as a postemergence treatment after crop emergence and in accordance with the weeds controlled, weed heights, and rates of application information listed in the table below.

SCEPTER FOR POSTEMERGENCE WEED CONTROL

WEEDS CONTROLLED		WEED HEIGHT (inches)	SCEPTER* (pints/acre)
Cocklebur, Common	(<u>Xanthium strumarium</u>)	up to 8 9 to 12	1/3** 2/3
Pigweed			
Palmer	(<u>Amaranthus palmeri</u>)	up to 12	2/3
Redroot	(<u>Amaranthus retroflexus</u>)	up to 4 5 to 12	1/3** 2/3
Smooth	(<u>Amaranthus hybridus</u>)	up to 4 5 to 12	1/3** 2/3
Spiny	(<u>Amaranthus spinosus</u>)	up to 12	2/3
Tall waterhemp	(<u>Amaranthus tuberculatus</u>)	up to 12	2/3
Poinsettia, Wild	(<u>Euphorbia heterophylla</u>)	up to 6	2/3
Sunflower, Common	(<u>Helianthus annuus</u>)	up to 4 5 to 8	1/3** 2/3**
Volunteer Corn	(<u>Zea mays</u>)	up to 8 9 to 12	1/3** 2/3**

Apply when weeds are actively growing. DO NOT apply SCEPTER postemergence when soybeans and weeds have been subjected to stress conditions such as temperature and moisture extremes.

*Use a nonionic surfactant or crop oil concentrate. The nonionic surfactant should contain at least 80% active ingredient and should be applied at a rate of 2 pints per 100 gallons of spray mixture. Apply the crop oil concentrate (COC) at the rate stated on the COC label.

**For control of emerged weeds.

There must be an interval of at least 90 days between the last SCEPTER application and soybean harvest.

SEQUENTIAL PROGRAM

SCEPTER may be applied preplant incorporated or preemergence followed by a sequential postemergence treatment of 1/3 to 2/3 pint per acre of SCEPTER or 1 pint per acre of SCEPTER O.T. The total amount of SCEPTER applied should not exceed 1-1/3 pints per acre in one season and the total amount of SCEPTER O.T. should not exceed 2 pints per acre in one season when following 2/3 pint per acre SCEPTER.

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

If grass species are anticipated, use one of the following registered soil-applied herbicides: PROWL herbicide, trifluralin, Lasso or Dual. See pages 18, 19, 20, and 21 for specific use directions.

Follow use directions for preplant incorporated or preemergence (see pages 11, 12, 13, 14, and 15). For postemergence control of other weeds following a soil application of SCEPTER, refer to the SCEPTER or SCEPTER O.T. labels in the Postemergence Applications sections for use rates, weeds controlled, and growth stages.

Apply SCEPTER at 2/3 pint per acre for control of the following weeds:

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

For these weeds, the sequential postemergence treatment should be applied before weed species exceed the 1 to 2 true leaf stage.

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ROTATIONAL CROP RESTRICTIONS

The following rotational crops may be planted after applying SCEPTER at recommended rates in soybeans:

1. Wheat may be planted in the fall, four months after last SCEPTER application in soybeans. Rice may be planted in the spring of the year following SCEPTER application (See Upper Use Area Restrictions*).
2. Eleven months after last SCEPTER 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 last SCEPTER application in soybeans.

***NORTHERN USE AREA RESTRICTIONS:**

For the Northern Use Area as defined in the USE AREA section of the label; field corn, wheat, barley, or oats may be planted as a rotational crop in the fall or in the spring of the year following SCEPTER application ONLY if SCEPTER was applied as a postemergence application at 1/3 pint per acre and at least 10 inches of rainfall or irrigation has been received from the date of application through October of the same year.

****SOUTHERN USE AREA RESTRICTION:**

For the Southern Use Area as defined in the USE AREA section of the label; field corn may be planted in the spring of the year following SCEPTER application unless extreme drought conditions develop or less than 15 inches of rainfall or irrigation is received from the date of last application through October of the same year. A minimum of 10 inches of rainfall is needed for a postemergence application of SCEPTER only if the total amount of SCEPTER applied in one season does not exceed 1/3 pint per acre. 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 SCEPTER application unless extreme drought conditions develop or less than 15 inches of rainfall or irrigation is received within 6 months following the date of last application. A minimum of 10 inches of rainfall is needed for a postemergence application of SCEPTER only if the total amount of SCEPTER applied in one season does not exceed 1/3 pint per acre.

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 SCEPTER application.

Use of SCEPTER 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, crop injury, is always possible.

DO NOT apply products containing chlorimuron ethyl (e.g. Classic, Canopy, Gemini, Lorox Plus, Preview⁹, etc.) or imazethapyr (e.g. PURSUIT[®], or PURSUIT[®] Plus) the same year as SCEPTER 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.

⁹Classic, Canopy, Gemini, Lorox Plus and Preview are trademarks of E.I. du Pont de Nemours and Company.

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