

SCEPTER® herbicide  
 CONTAINS SURFACTANT  
 FOR USE IN SOYBEANS

**ACCEPTED**  
 APR 15 1986  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 241-2921

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-

EPA Est. No. 5905-AR-01

KEEP OUT OF REACH OF CHILDREN

CAUTION!

See Side Panel for Additional Precautionary Statements

STATEMENT OF PRACTICAL TREATMENT

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

If in eyes: Flush eyes with plenty of water.

PRECAUCION!

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

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

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

Net Contents 2.5 gallons  
 (9.45 liters)

D40

2/86

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## 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 by cleaning of equipment or disposal of wastes.

### 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. The use of SCEPTER not consistent with this label may result in injury to crops. Keep container closed to avoid spills and contamination.

See use directions on attached leaflet.

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### STORAGE AND DISPOSAL

#### PROHIBITIONS:

KEEP FROM FREEZING

DO NOT store below 32°F.

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

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste 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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EPA Reg. No. 241-

**ACCEPTED**  
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Act as amended, for the pesticide  
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EPA Reg. No. 241-272

SCEPTER SHOULD BE USED IN ACCORDANCE WITH THE DIRECTIONS  
IN THIS LEAFLET.

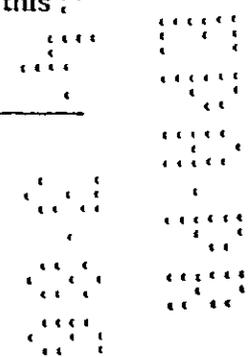
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<sup>1</sup>Treflan is a trademark of Eianco Products Company.

<sup>2</sup>Lasso is a trademark of Monsanto Agricultural Products Company.

<sup>3</sup>Dual is a trademark of Ciba-Geigy Corporation.

<sup>4,5</sup>Roundup and Bronco are trademarks of Monsanto Agricultural Products Company.

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EPA Reg. No. 241-

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AGRICULTURAL DIVISION  
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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. For surface-applied treatments, rainfall or overhead irrigation is necessary to move SCEPTER into the weed germination zone. 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 a surface-applied 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 page 6.

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 20 for ROTATIONAL CROP RESTRICTIONS.

WEEDS CONTROLLED  
SCEPTER Alone

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

BROADLEAF WEEDS

COCKLEBUR, COMMON	( <u>Xanthium strumarium</u> )
JIMSONWEED	( <u>Datura stramonium</u> )
LAMBSQUARTERS, COMMON	( <u>Chenopodium album</u> )
MALLOW, VENICE	( <u>Hibiscus trionum</u> )
MORNINGLORY	
PITTED	( <u>Ipomoea lacunosa</u> )
SMALLFLOWER	( <u>Jacquemontia tamnifolia</u> )
MUSTARD SPECIES	( <u>Brassica spp.</u> )
NIGHTSHADE, EASTERN BLACK*	( <u>Solanum ptycanthum</u> )
PIGWEEED	
PALMER	( <u>Amaranthus palmeri</u> )
REDROOT	( <u>Amaranthus retroflexus</u> )
SMOOTH	( <u>Amaranthus hybridus</u> )
SPINY	( <u>Amaranthus spinosus</u> )
TALL WATERHEMP	( <u>Amaranthus tuberculatus</u> )
POINSETTIA, WILD	( <u>Euphorbia heterophylla</u> )
PUSLEY, FLORIDA	( <u>Richardia scabra</u> )
RAGWEED,	
COMMON	( <u>Ambrosia artemisiifolia</u> )
GIANT*	( <u>Ambrosia trifida</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, and velvetleaf are controlled by preplant incorporated treatments only.

GRASSES

FOXTAIL	
GIANT	( <u>Setaria faberi</u> )
GREEN	( <u>Setaria viridis</u> )
YELLOW	( <u>Setaria glauca</u> )
JOHNSONGRASS, SEEDLING	( <u>Sorghum halepense</u> )

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

BARNYARDGRASS	( <u>Echinochloa crus-galli</u> )
MORNINGGLORY**	
ENTIRELEAF	( <u>Ipomoea hederacea</u> var. <u>intergriscula</u> )
IVYLEAF	( <u>Ipomoea hederacea</u> )
TALL	( <u>Ipomoea purpurea</u> )
NUTSEGE, YELLOW***	( <u>Cyperus esculentus</u> )
SHATTERCANE	( <u>Sorghum bicolor</u> )
SIGNALGRASS, BROADLEAF	( <u>Brachiaria platyphylla</u> )

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

### 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. Maintain agitation while spraying to ensure a uniform spray mixture. An antifoaming agent may be added to the tank if needed.

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 paraquat with SCEPTER and PROWL, Lasso or Dual, add herbicides to the tank in the following order: (1) PROWL, Lasso or Dual, (2) Roundup or paraquat and (3) SCEPTER.

### 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.

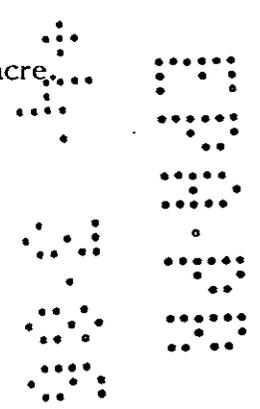
To ensure thorough coverage, use a minimum of 20 gallons of water per acre when applying SCEPTER to minimum or no-till soybeans or when applying as a postemergence treatment. Use higher gallonage for fields with dense vegetation or heavy crop residues.

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:

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

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



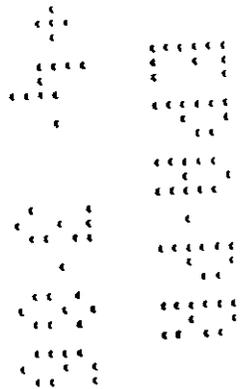
**AERIAL APPLICATIONS:**

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:

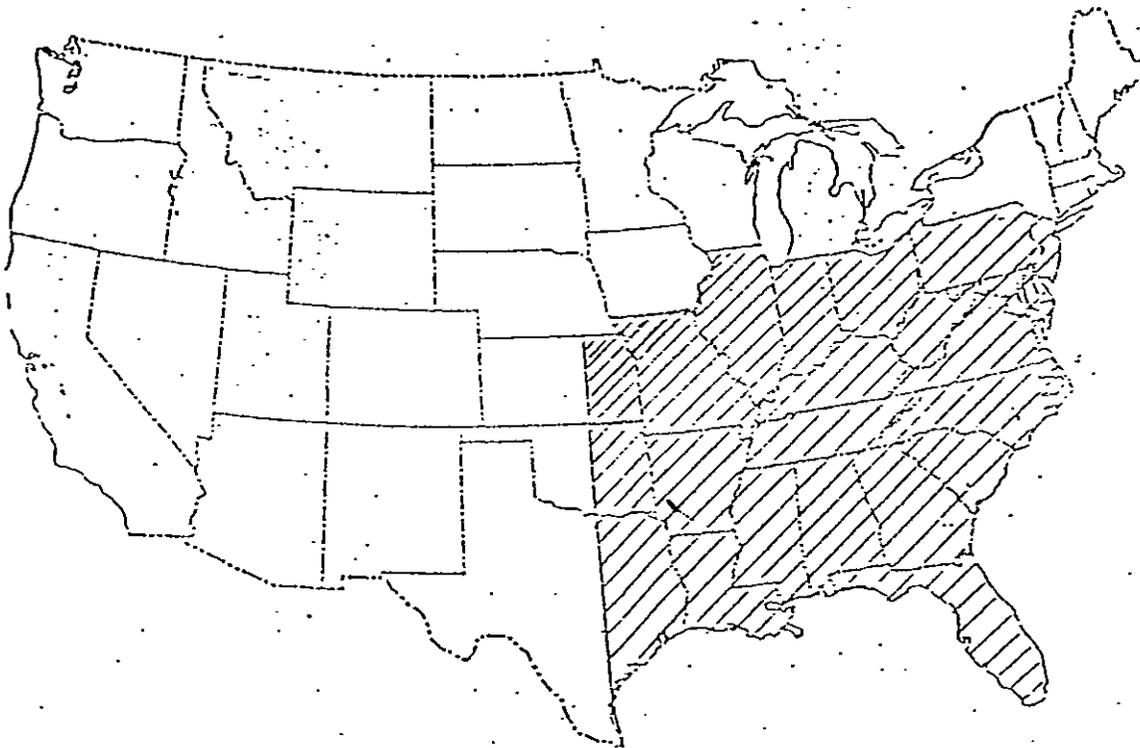
- . Use nozzles which produce a coarse spray.
- . Nozzle height above ground must be a maximum of 10 feet.
- . Nozzles must be pointed toward the rear of the aircraft. The downward angle of the nozzle should not be greater than 20 degrees.
- . To minimize wing-tip vortice roll, nozzles or spray boom 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 a manner other than recommended in this label. In addition, applicator must follow all applicable state and local regulations and ordinances in regard to spraying.

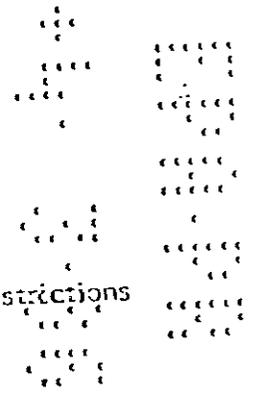


USE AREA

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



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



## USE RATES

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

## 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 or 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-ROTERRA<sup>1</sup> 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.

<sup>1</sup>LELY-ROTERRA is a trademark of Lely.

SCEPTER may be applied immediately before planting or up to 30 days prior to planting.

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

### 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 (enough to moisten the soil to a depth of 2 inches) 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 optimum weed control.

## HERBICIDE COMBINATIONS

A soil treatment of SCEPTER is active against many grass species, but for maximum grass control SCEPTER should be used in combination with a registered soil-applied grass herbicide such as PROWL® herbicide, Treflan, Lasso or Dual. SCEPTER may be applied as a soil treatment tank mixed with PROWL, Treflan, Lasso, or Dual (see pages 12-15 for specific use directions). SCEPTER may also be applied as a sequential preemergence or postemergence treatment following application of a grass herbicide.

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

SCEPTER may be followed by a postemergence application of Fusilade<sup>6</sup> or Poast<sup>7</sup>. DO NOT tank mix SCEPTER with postemergence grass herbicides.

SCEPTER may be used in combination with a registered broadleaf herbicide for weeds not controlled by SCEPTER.

When SCEPTER is used in combination with another herbicide, refer to the respective label for rates, methods of application, proper timing, weeds controlled, limitations and precautions. Always use in accordance with the more restrictive of label limitations and precautions. No label dosage rates should be exceeded. SCEPTER cannot be mixed with any product containing a label prohibition against such mixing.

### Soil Texture

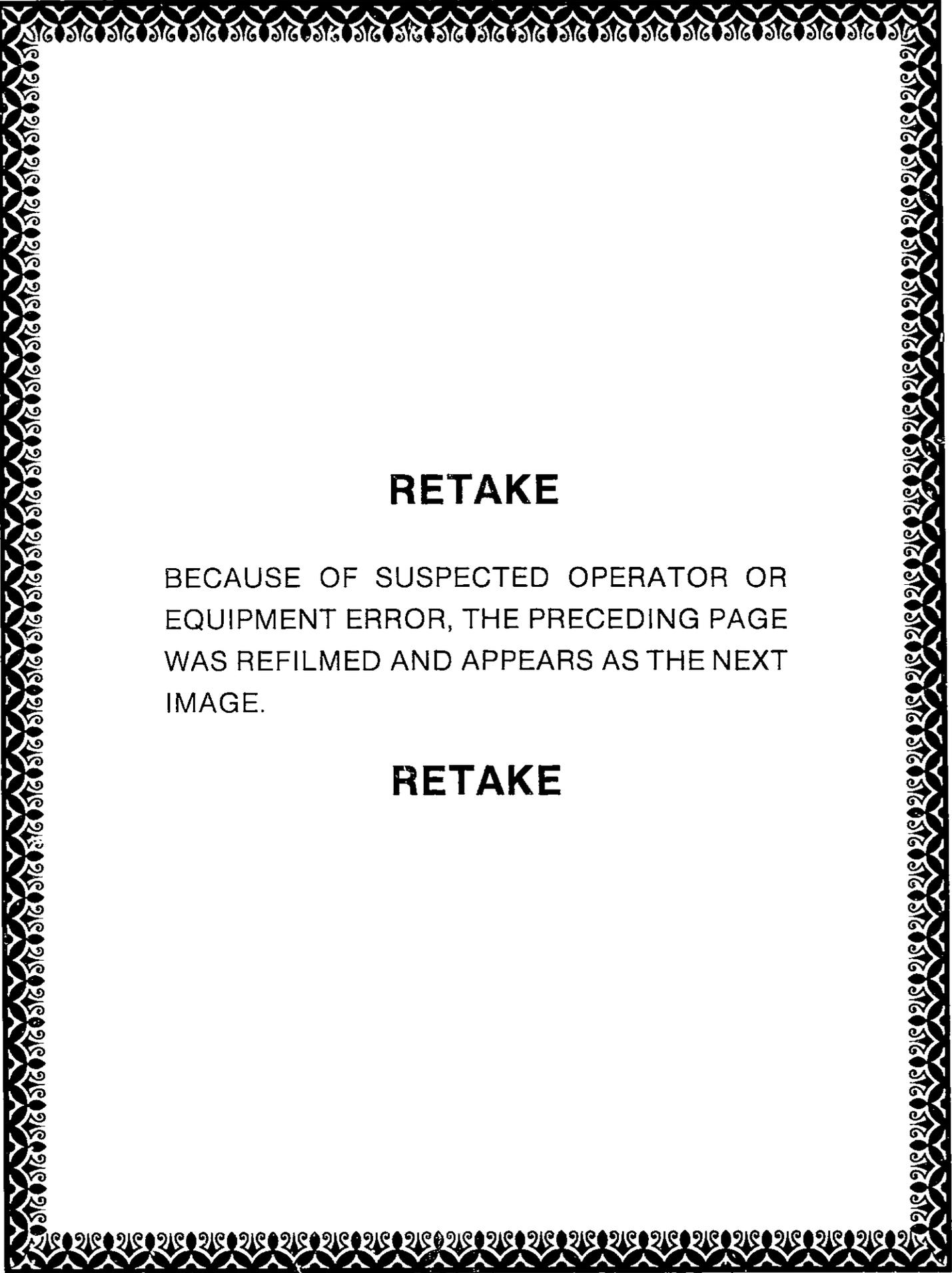
Although the rate of SCEPTER does not vary with soil texture, the recommended rates of other herbicides used with this product generally do vary with soil texture. Combination rate tables in this label refer to three soil texture groups: COARSE, MEDIUM and FINE. The following table lists soil textures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

<sup>6</sup>Fusilade is a trademark of ICI Americas, Inc.

<sup>7</sup>Poast is a trademark of BASF Wyandotte Corporation.



## **RETAKE**

BECAUSE OF SUSPECTED OPERATOR OR  
EQUIPMENT ERROR, THE PRECEDING PAGE  
WAS REFILMED AND APPEARS AS THE NEXT  
IMAGE.

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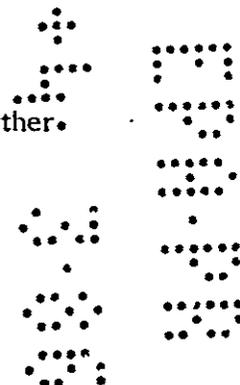
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sandy loams	loams	clay loams
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<sup>7</sup>Poast is a trademark of BASF Wyandotte Corporation.



**WEEDS CONTROLLED  
PREPLANT AND PREEMERGENCE COMBINATION TREATMENTS**

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

WEED	PROWL	Treflan <sup>a</sup>	Lasso	Dual
<u>GRASSES</u>				
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 <sup>c</sup>	x	x
PANICUM, TEXAS ( <u>Panicum texanum</u> )	x	x		
SANDBUR, FIELD ( <u>Cenchrus incertus</u> )	x	x		
SHATTERCANE ( <u>Sorghum bicolor</u> )	x <sup>a,b</sup>	x <sup>c</sup>		
SIGNALGRASS ( <u>Brachiaria platyphylla</u> )	x	x	x	x
WITCHGRASS ( <u>Panicum capillare</u> )	x	x	x	x
<u>BROADLEAF WEEDS</u>				
CARPETWEED ( <u>Mollugo verticillata</u> )	x	x	x	x
GALINSOGA ( <u>Galinsoga spp.</u> )			x	x
KOCHIA ( <u>Kochia scoparia</u> )	x	x		
PURSLANE ( <u>Portulaca oleracea</u> )	x	x	x	
SPURGE, ANNUAL ( <u>Euphorbia spp.</u> )	x			

<sup>a</sup>Preplant incorporated treatments only.

<sup>b</sup>See NOTE on page 12.

<sup>c</sup>See NOTE on page 13.

### SCEPTER Plus PROWL Tank Mixture

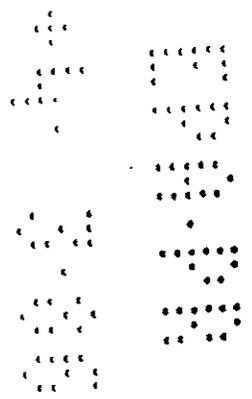
Apply SCEPTER plus PROWL preplant incorporated or preemergence using rates in the table below. Follow use directions under APPLICATION INSTRUCTIONS in this label. For preplant incorporated applications, incorporate into the soil within 7 days after application, and plant soybeans within 30 days after 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	Less Than 3% Organic Matter			3% or More Organic Matter		
	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 Treflan Tank Mixture

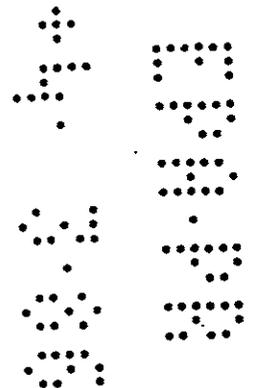
Apply SCEPTER plus Treflan preplant incorporated using rates in the table below. Follow use directions under APPLICATION INSTRUCTIONS in this label. Incorporate into the soil within 24 hours after application, and plant soybeans within 30 days after application. Use equipment that provides uniform 2 inch incorporation.

#### Broadcast Rate of SCEPTER Plus Treflan

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

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

Observe all precautions and limitations on Treflan label.



## 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.

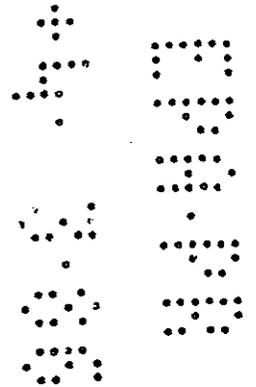
## Broadcast Rate of SCEPTER Plus Lasso

Soil Texture	Less than 3% Organic Matter				3% or More Organic Matter			
	SCEPTER		Lasso (quarts/acre)		SCEPTER		Lasso (quarts/acre)	
	(pints/ acre)	+	Preplant Incorporated	Preemergence	(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		2-1/3 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.



## SCEPTER Plus Dual Tank Mixture

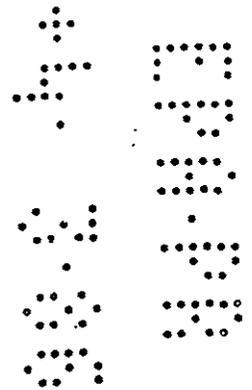
Apply SCEPTER plus Dual preplant incorporated or preemergence using rates in table below. Follow use directions under APPLICATION INSTRUCTIONS in this label. For preplant incorporated applications, apply and incorporate within 14 days prior to planting.

## Broadcast Rate of SCEPTER Plus Dual

Soil Texture	Less Than 3% Organic Matter		3% or More Organic Matter	
	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.



**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, paraquat or Roundup may be tank mixed with SCEPTER alone or in combination with PROWL, Lasso or Dual. Paraquat 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 existing 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 (enough to moisten the soil to a depth of 2 inches) is received within 7 days after application.

**NOTE:** Plant soybean seeds 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 12 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.

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:

<u>Soil Texture</u>	<u>Lasso Rate (Quarts/acre)</u>
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 Paraquat

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

The rate of paraquat is based on products containing 2 pounds active ingredient per gallon.

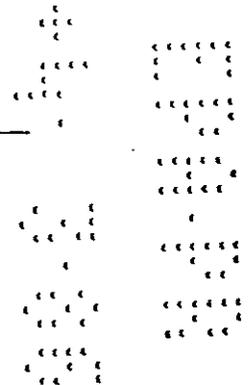
When paraquat is included in a tank mixture, add 8 oz. of Ortho<sup>®</sup>X-77 spreader or similar non-ionic surfactant per 100 gallons of spray mixture as the last ingredient in the tank.

Paraquat will control most annual emerged weeds and suppress many emerged perennials. Refer to paraquat label for specific use recommendations and weeds controlled.

Observe all precautions and limitations on paraquat label.

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<sup>®</sup>Ortho is a trademark of Chevron Chemical Company.



**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.

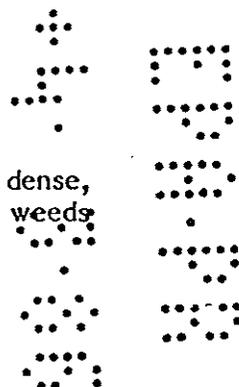
**Tank Mixtures With Bronco**

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 but before weeds exceed a height of 12 inches. Apply at a broadcast rate of 2/3 pint per acre. 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.

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

When applied as directed, SCEPTER postemergence treatments will control the following broadleaf weeds:

COCKLEBUR, COMMON	( <u>Xanthium strumarium</u> )
PIGWEEED	
PALMER	( <u>Amaranthus palmeri</u> )
REDROOT	( <u>Amaranthus retroflexus</u> )
SMOOTH	( <u>Amaranthus hybridus</u> )
SPINY	( <u>Amaranthus spinosus</u> )
TALL WATERHEMP	( <u>Amaranthus tuberculatus</u> )
POINSETTIA, WILD	( <u>Euphorbia heterophylla</u> )

## SEQUENTIAL PROGRAM

An additional treatment of SCEPTER may be applied postemergence after an initial preplant incorporated or preemergence treatment to control certain problem weeds.

Apply SCEPTER at 2/3 pint per acre as a sequential postemergence treatment following either a preplant incorporated or preemergence treatment of SCEPTER at 2/3 pint per acre. The total amount of SCEPTER applied should not exceed 1-1/3 pints per acre in one season. The sequential postemergence treatment should be applied before weed species exceed the 1 to 2 true leaf stage.

Follow use directions for preplant incorporated or preemergence (See page 9) and postemergence treatments (See above).

If grass species are anticipated, use a registered soil-applied grass herbicide such as PROWL® herbicide, Treflan, Lasso or Dual. See pages 12-15 for specific use directions.

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

When applied as directed, SCEPTER applied preplant incorporated or preemergence followed by SCEPTER postemergence will control the following broadleaf weeds:

BEGGARWEED, FLORIDA	( <u>Desmodium tortuosum</u> )
MEXICANWEED	( <u>Caperonia castaniifolia</u> )
SICKLEPOD	( <u>Cassia obtusifolia</u> )

## ROTATIONAL CROP RESTRICTIONS

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

1. Four months after last SCEPTER application:

Small Grains  
Rice

2. Eleven months after last SCEPTER application:

Corn  
Cotton  
Edible beans  
Grain sorghum  
Peanuts  
Tobacco

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.

DO NOT apply Classic, Canopy or Gemini<sup>9</sup> 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.**

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<sup>9</sup>Classic, Canopy and Gemini are trademarks of E.I. du Pont de Nemours and Company. (These products are currently approved for use under Experimental Use Permit.)

