

# 241-297 **Alachlor** **herbicide**



## FOR USE IN SOYBEANS

FOR USE ONLY IN ALABAMA, ARKANSAS, DELAWARE, FLORIDA, GEORGIA, ILLINOIS, INDIANA, IOWA, EASTERN KANSAS, KENTUCKY, LOUISIANA, MARYLAND, MICHIGAN (EXCLUDING UPPER PENINSULA), SOUTHERN MINNESOTA, MISSISSIPPI, MISSOURI, EASTERN NEBRASKA, NEW JERSEY, NORTH CAROLINA, OHIO, EASTERN OKLAHOMA, PENNSYLVANIA, SOUTH CAROLINA, EASTERN SOUTH DAKOTA, TENNESSEE, EASTERN TEXAS, VIRGINIA, WEST VIRGINIA AND WISCONSIN.

### ACTIVE INGREDIENTS

Alachlor 45.0%  
Nonyl phenol 45.0%  
Water 10.0%

### INERT INGREDIENTS

TOTAL

EPA Reg. No. 241-297

EPA Est. No. 241-MO-1

# KEEP OUT OF REACH OF CHILDREN DANGER/PELIGRO!

### PRECAUCION AL USUARIO

### STATEMENT OF PRACTICAL TREATMENT

If in eyes

If swallowed

For skin contact

### NOTE TO PHYSICIAN



Net Contents Bulk

190

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS

**DANGER**

**CAUSES IRREVERSIBLE EYE DAMAGE**

**HARMFUL IF SWALLOWED, ABSORBED THROUGH THE SKIN, OR INHALED**

DO NOT get in eyes or on clothing. Wear goggles or face shield. Avoid breathing spray mist. Avoid contact with skin. Wash skin thoroughly with soap and water after handling. Use with adequate ventilation. Keep container closed. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. DO NOT apply directly to water or wetlands (swamps, bogs, marshes, or potholes). Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. DO NOT contaminate water when disposing of equipment washwaters.

**PHYSICAL HAZARDS  
FLAMMABLE LIQUID AND VAPOR**

DO NOT use, pour, spill, or store near heat or open flame. DO NOT use in the vicinity of pilot lights.

**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 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.

Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include conse-

quential 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 SQUADRON. In no case shall 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 any 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.

**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 in this label and on the labels of products used in combination with SQUADRON. Do not use SQUADRON other than in accordance with the instructions set forth on this label. The use of SQUADRON not consistent with this label can 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.

**STORAGE AND DISPOSAL**

**STORAGE:** KEEP FROM FREEZING. DO NOT STORE BELOW 40°F. SHAKE WELL BEFORE USING.

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

**DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label 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.

**GENERAL INFORMATION**

For broad spectrum control of grass and broadleaf weeds in soybeans, SQUADRON may be applied as a preplant incorporated or preemergence treatment.



**FOR USE IN**

FOR USE ONLY IN ALABAMA, ARKANSAS, ILLINOIS, INDIANA, IOWA, EAST MARYLAND, MICHIGAN (EXCLUDING MICHIGAN PENINSULA), MINNESOTA, MISSISSIPPI, MISSOURI, NORTH CAROLINA, OHIO, EAST SOUTH CAROLINA, EASTERN SOUTH VIRGINIA, WEST VIRGINIA AND WISCONSIN.

**ACTIVE INGREDIENTS:**

Ammonium salt of imazapyr (2-methylethyl)-5-oxo-1H-imidazo[4,5-b]pyridine-3-carboxylic acid  
pendimethalin (N-1-ethyl-2-pyridyl)-G-3,3,3-tri-n-butylbenzamide

**INERT INGREDIENTS**

**TOTAL**  
Equivalent to 3.61% (4.5% 5-oxo-1H-imidazo-2-pyridine-3-carboxylic acid)  
SQUADRON contains 7.33 pounds of active ingredients per gallon.

EPA Reg. No. 241-297

**KEEP OUT OF CHILDREN'S HANDS**

**DANGER!**

PRECAUCION AL USUARIO  
producto hasta que la etiqueta

**STATEMENT OF PR**

**I in eyes:** hold eyelids open and wash for 15 minutes. Call a physician.  
**If swallowed:** DO NOT induce vomiting. Call a physician. Contact Control Center immediately.

**If skin contact:** wash thoroughly with soap and water. If skin irritation persists, consult a physician.

This product contains monochlorobenzene.

**NOTE TO PHYSICIAN:** Because of the potential for pulmonary edema caused by monochlorobenzene, vomiting should be avoided. Hospital supervision is recommended.

In case of an emergency end use of this product call collect, day or night.

Net Contents: 1 Gallon  
Registered Trademark of American Cyanamid Company

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After SQUADRON is applied, some susceptible weeds emerge, growth stops, and then the weeds 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.

SQUADRON reaches the growing points of susceptible weeds either by direct contact in the soil, or by root uptake and rapid translocation to the growing points. Therefore, adequate soil moisture is important for optimum SQUADRON 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, SQUADRON 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 SQUADRON, soil treatment followed by a SCEPTER or SCEPTER-OT 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 SQUADRON applications. This has no effect on soybean yields.

Use of SQUADRON 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 use of this product, and therefore, rotational crop injury is always possible.

**NOTE:** DO NOT apply SQUADRON postemergence to soybeans as crop injury may occur.

**DO NOT APPLY SQUADRON OR ITS TANK MIXTURES PREEMERGENCE IN SOUTH DAKOTA**

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

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

Crops other than soybeans, such as cotton, corn, grain sorghum, rice and vegetables, may be injured by spray drift or other indirect contact with SQUADRON.

To avoid injury to sensitive crops from spray drift, follow all use directions and precautions in Spraying Instructions on page 2.

To avoid injury to sensitive crops, spray equipment used for SQUADRON applications must be drained and thoroughly cleaned with water before being used to apply other products to these crops.

Apply SQUADRON prior to July 1 in the Northern Use Area, as defined in the USE AREA section of this label.

There should be an interval of 90 days between the SQUADRON application and soybean harvest. DO NOT feed plants or straw to livestock.

See page 5 for Rotational Crop Restrictions.

**Replanting:** If replanting is necessary in a field previously treated with SQUADRON, the field may be replanted to soybeans. Rework the soil no deeper than the treated zone. DO NOT APPLY A SECOND TREATMENT OF SQUADRON.

### MIXING INSTRUCTIONS

Fill the spray tank one-half to three-quarters full with clean water or liquid fertilizer. While agitating add the required amount of product and then fill the remainder of the tank with water or liquid fertilizer. Maintain agitation while spraying to ensure a uniform spray mixture.

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

For mixing instructions for tank mixtures with Roundup or Gramoxone Super, see the NO-TILL SYSTEMS section of this leaflet.

### 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 to 40 gallons of water, or 20 or more gallons of liquid fertilizer per acre. A spray pressure of 20 to 40 psi is recommended.

To ensure thorough coverage, use a minimum of 20 gallons of water or liquid fertilizer per acre when applying SQUADRON 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.

#### 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.

Gramoxone Super is a trademark of ICI Americas, Inc.

- 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 SQUADRON 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.

### APPLICATIONS WITH LIQUID FERTILIZERS

SQUADRON can be applied in liquid fertilizers, alone or in combination with PROWL or Command. Follow all SQUADRON 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 SQUADRON 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 SQUADRON alone or with PROWL or Command 4EC in the specific liquid fertilizer to be used according to the following directions:

1. Add 1 pint of fertilizer to each of 2 one-quart jars.
2. Add 1/2 teaspoon of adjuvant\* to one jar.
3. (a) When using SQUADRON alone, add to each jar the correct amount of SQUADRON as specified in the table below.  
(b) When using SQUADRON plus PROWL or Command, first add the specified quantity of SQUADRON, then add the correct amount of PROWL or Command.
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.
5. Determine Compatibility.  
(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.

\*Complex Kalo Laboratories, Inc., Kansas City, MO; Sponto 168 D, Witch Chemical Co., Houston, TX; Unite Hopkins Agricultural Chemical Co., Madison, WI or other comparable adjuvants.

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

Gallons of Liquid Fertilizer to Be Applied per Acre	PROWL	SQUADRON	Command
20	2/3	2	1/3
30	1/2	1 1/2	1/4
40	1/3	1	1/6

### PREPLANT INCORPORATED APPLICATIONS WITH DRY BULK FERTILIZERS

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

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

DO NOT impregnate SQUADRON 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 SQUADRON. A minimum of 200 pounds of impregnated dry bulk fertilizer, excluding the weight of ammonium nitrate or limestone, must be applied per acre.

Apply SQUADRON at the rate of 3 pints per acre. Use the following table to determine the amount of SQUADRON to be

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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 SQUADRON (Pints of SQUADRON per Ton of Fertilizer)**

SQUADRON Rate Per Acre	Fertilizer Rate lbs/acre	Pints Per Ton
3 Pints	200	30
	250	24
	300	20
	350	17
	400	15
	450	13 1/3

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

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

To impregnate SQUADRON 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 SQUADRON onto the fertilizer during mixing.

If PROWL is to be combined with the SQUADRON prior to impregnation, premix the PROWL with an equal volume of water before adding it to the SQUADRON. DO NOT mix undiluted PROWL with SQUADRON.

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

Refer to Preplant Incorporated Applications section of this label for incorporation directions.

**USE RATE**

Apply SQUADRON at a rate of 3.0 pints per acre

**WEEDS CONTROLLED**

The following grass and broadleaf weeds are controlled by recommended treatments of SQUADRON

**GRASSES**

- Barnyardgrass (*Echinochloa crus-galli*)
- Crabgrass (*Digitaria* spp.)
- Crowfootgrass (*Dactyloctenium aegyptium*)
- Cupgrass, Woolly\*\* (*Eriochloa villosa*)
- Foxtail
- Giant (*Setaria faberi*)
- Green (*Setaria viridis*)
- Robust (*Setaria* spp.)
- Yellow (*Setaria glauca*)
- Goosegrass (*Elyusine indica*)
- Johnsongrass, seedling (*Sorghum halepense*)
- Panicum
- Browntop (*Panicum fasciculatum*)
- Fall (*Panicum dichotomiflorum*)
- Texas (*Panicum texanum*)
- Sandbur, Field (*Cenchrus incertus*)
- Shattercane\*\*\* (*Sorghum bicolor*)
- Signalgrass, Broadleaf (*Brachiaria platyphylla*)
- Witchgrass (*Panicum capillare*)

**BROADLEAF WEEDS**

- Bristly Starbur (*Acanthospermum hispidum*)
- Burcucumber\* (*Sicyos angulatus*)
- Carpetweed (*Mollugo verticillata*)
- Cocklebur, Common (*Xanthium strumarium*)
- Jimsonweed (*Datura stramonium*)
- Kochia (*Kochia scoparia*)
- Lambsquarters, Common (*Chenopodium album*)
- Mallow, Venice (*Hibiscus trionum*)
- Morningglory
- Palm Leaf (*Ipomoea wrightii*)
- Pitted (*Ipomoea lacunosa*)
- Smallflower (*Jacquemontia tamnifolia*)
- Mustard Species (*Brassica* spp.)
- Nightshade, Eastern Black\* (*Solanum ptycanthum*)
- Pigweed
- Palmer (*Amaranthus palmeri*)
- Redroot (*Amaranthus retroflexus*)
- Smooth (*Amaranthus hybridus*)
- Spiny (*Amaranthus spinosus*)
- Waterhemp, Tall (*Amaranthus tuberculatus*)
- 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 pennsylvanicum*)
- Spurge
- Annual (*Euphorbia* spp.)
- Prostrate (*Euphorbia humistrata*)
- Spotted (*Euphorbia maculata*)
- Sunflower, Common (*Helianthus annuus*)
- Velvetleaf\* (*Abutilon theophrasti*)

SQUADRON will aid in the control and reduce competition from

- Beggarweed, Florida (*Desmodium tortuosum*)
- Mexicanweed (*Caperonia castanifolia*)
- Morningglory
- Entrelleaf (*Ipomoea hederacea* var. *intergruscula*)
- Ivyleaf (*Ipomoea hederacea*)
- Tall (*Ipomoea purpurea*)
- Nutsedge, Yellow\* (*Cyperus esculentus*)
- Sicklepod (*Cassia obtusifolia*)
- Texasweed (*Caperonia palustris*)

- \*Preplant incorporated treatments only
- \*\*Preplant incorporated treatments only, for best results use a SQUADRON plus PROWL tank mixture
- \*\*\*Preplant incorporated treatments only, see SQUADRON plus PROWL section of this label for use directions

**ROTATIONAL CROP RESTRICTIONS**

The following rotational crops may be planted after applying SQUADRON in soybeans

- Wheat may be planted in the fall, four months after SQUADRON application in soybeans. Rice may be planted in the spring of the year following SQUADRON application (See Northern Use Area Restrictions\*)
- Eleven months after SQUADRON application
  - Barley (See Northern Use Area Restrictions\*)
  - Edible Beans
  - Field Corn (See Northern Use Area\* or Southern Use Area Restrictions\*\*)
  - Grain Sorghum
  - Oats (See Northern Use Area Restrictions\*)
  - Peanuts
  - Tobacco
- Sugarbeets may be planted 26 months after SQUADRON 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 rotational crops in the fall or in the spring of the year following SQUADRON 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 as a rotational crop in the spring of the year following SQUADRON application unless extreme drought conditions develop or less than 15 inches of rainfall or irrigation is received from the date of SQUADRON 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 SQUADRON 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 OT follow a SQUADRON treatment (Refer to SEQUENTIAL PROGRAM section of this label for use directions), 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 SQUADRON application.

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

DO NOT apply products containing chlorimuron ethyl (e.g. Classic, sic, Canopy, Gemini, LoroX Plus, Preview, etc.), imazethapyr (e.g. SCEPTER, ALA-SCEPTER, TRI-SCEPTER, etc. (refer to the Sequential Program section of this label for exceptions)), or imazethapyr (e.g. PURSUIT or PURSUIT PLUS) the same year as SQUADRON or injury to follow crops may occur.

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

\*Classic, Canopy, Preview, Gemini and LoroX Plus are trademarks of E I du Pont de Nemours and Company

**APPLICATION INSTRUCTIONS**

**EARLY PREPLANT APPLICATIONS**

SQUADRON may be applied 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, SQUADRON may be applied up to 45 days prior to planting. Incorporate uniformly into the top 1 to 2 inches of soil within 7 days after application. See PREPLANT INCORPORATED APPLICATIONS section for incorporation instructions. Adequate moisture is required for activation of SQUADRON.

If soybeans are planted on beds, apply and incorporate after bed formation.

**PREPLANT INCORPORATED APPLICATIONS**

Apply SQUADRON into the top 1 to 2 inches of soil achieved by the

(a) Field cultivator (points), so that no soil is operated by made at an

(b) PTO driven inches deep

(c) Rolling cultivator two times a

(d) LELY Rotary harrow

(e) SQUADRON

(f) Do All set

(g) SQUADRON

(h) Disk harrow

(i) SQUADRON

(j) 30 days prior

(k) Georgia, Louisiana

(l) South Carolina

(m) up to 45 days prior

(n) application A

(o) SQUADRON

(p) If soybeans are

(q) mation using

(r) LELY ROTARY

**PREPLANT INCORPORATED APPLICATIONS**

Apply SQUADRON apply postemergence applied preem

ivate SQUADRON

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ly with a rotary

**NO-TILL SYSTEMS**

Apply SQUADRON apply postemergence Super or Row

the respective timing weed

ground equip

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**PREPLANT INCORPORATED APPLICATIONS**

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

- (a) 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.
- (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 3 to 3 mph. Use only on coarse textured soils
- (d) LELY-Roterra<sup>1</sup> set and operated according to the manufacturer's directions to thoroughly incorporate SQUADRON to a depth of 1 to 2 inches
- (e) Do-All set and operated according to the manufacturer's directions to thoroughly incorporate SQUADRON to a depth of 1 to 2 inches
- (f) Disk harrow set to cut 3 to 4 inches deep and operated in two different directions at 4 to 6 mph

SQUADRON 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, SQUADRON may be applied up to 45 days prior to planting. Incorporate within 7 days after application. Adequate moisture is required for activation of SQUADRON

<sup>1</sup> soybeans are planted on beds, apply and incorporate after bed preparation using PTO-driven equipment or rolling cultivator

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

**PREEMERGENCE APPLICATIONS**

**MINIMUM AND CONVENTIONAL TILLAGE:**

Apply SQUADRON during or up to 2 days after planting. DO NOT apply postemergence to soybeans. As with other herbicides applied preemergence, rainfall or irrigation is necessary to activate SQUADRON in the soil. If sufficient moisture to activate SQUADRON 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

**NO-TILL SYSTEMS:**

Apply SQUADRON during or up to 2 days after planting. DO NOT apply postemergence to soybeans. If needed, apply Gramoxone Super or Roundup<sup>2</sup> in combination with SQUADRON. Refer to the respective labels for rates, methods of application, proper timing, weeds controlled restrictions and precautions. Use ground equipment only

When SQUADRON is tank mixed with Gramoxone Super or Roundup, add SQUADRON to the tank first, next add PROWL (if used), then add Gramoxone Super or Roundup. When Gramoxone Super is included in a tank mixture, add 8 oz of non-ionic surfactant per 100 gallons of spray mixture as the last ingredient in the tank.

<sup>2</sup>Roundup is a trademark of Monsanto Agricultural Products Co

**HERBICIDE COMBINATIONS**

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

**SQUADRON plus PROWL<sup>3</sup> herbicide Tank Mixture**

PROWL can be tank mixed with SQUADRON and applied preplant incorporated or preemergence if heavy or difficult to control infestations are anticipated from grasses listed in this leaflet. SQUADRON plus PROWL must be applied preplant incorporated if shattercane infestations are anticipated

On coarse textured soils add PROWL at 0.5 pint per acre and on medium and fine textured soil add PROWL at 0.5 to 1 pint per acre

See the PROWL label for soil types classified as coarse, medium and fine textured

Apply this tank mixture preplant incorporated north of Interstate 80

Observe all precautions and limitations on the PROWL Label

<sup>3</sup>Registered trademarks of American Cyanamid Company

**SQUADRON plus Command<sup>4</sup> 4EC Tank Mixture**

Observe all precautionary statements in the Command label before using

SQUADRON 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 or 20 or more gallons of liquid fertilizer 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 spray volumes of 10 to 15 gallons per acre

Apply 3 pints per acre of SQUADRON plus 0.25 to 0.5 pint (4 to 8 oz) per acre of Command 4EC to the soil surface and uniformly incorporate. Refer to the Command label for incorporation instructions. DO NOT apply aerially or through irrigation systems. DO NOT apply this tank mixture to overly moist or wet soils

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 4EC label

When applied as directed, tank mixtures of SQUADRON plus Command control heavy infestations of velvetleaf as well as the weeds listed in the WEEDS CONTROLLED section of this label.

Use the high rate of Command when severe infestations of velvetleaf are anticipated.

Follow all rotational crop restrictions on the SQUADRON and Command labels. Always follow the most restrictive label.

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

<sup>4</sup>Command is a trademark of FMC Corporation

**SEQUENTIAL PROGRAM**

**SQUADRON followed by SCEPTER<sup>5</sup> herbicide Postemergence**

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

Apply SCEPTER at 1/3 to 2/3 pints per acre as a sequential postemergence treatment following either a preplant incorporated or preemergence treatment of SQUADRON. 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, SQUADRON preplant incorporated or preemergence followed by SCEPTER postemergence at a rate of 2/3 pint per acre will control the following broadleaf weeds

- Beggarweed, Florida (*Desmodium tortuosum*)
- Mexicanweed (*Caperonia castanifolia*)
- Sicklepod (*Cassia obtusifolia*)
- Texasweed (*Caperonia palustris*)

**SQUADRON followed by SCEPTER<sup>5</sup> O.T.<sup>6</sup> Postemergence**

A preplant incorporated or preemergence application of SQUADRON may be followed by a 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 SQUADRON. The total amount of SCEPTER O.T. applied in one season should not exceed 2 pints per acre when following SQUADRON.

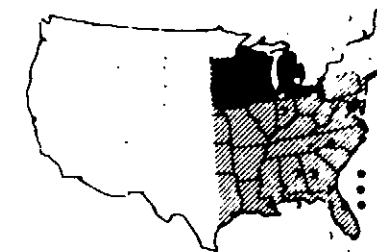
Follow use directions on the SCEPTER O.T. label. See the SCEPTER O.T. label for weed height limitations.

The sequential applications 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 SQUADRON, refer to the SCEPTER or SCEPTER O.T. labels in the Postemergence Applications sections for use rates, weeds controlled, and growth stages

**USE AREA**

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



**■** = Northern Use Area (includes Nebraska, east of U.S. 81, north of U.S. 34, South Dakota east of U.S. 95, 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, McPherson, Mitchell, 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

See SEQUENTIAL PROGRAM section of the label for geographical restrictions for this method of application



**American Cyanamid Company**  
Agricultural Division  
Crop Protection Chemicals Department  
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FOR USE IN ILLINOIS, MARYLAND, MISSISSIPPI, NORTH CAROLINA, SOUTH CAROLINA, VIRGINIA.

ACTIVE IN ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, ILLINOIS, INDIANA, IOWA, KANSAS, KENTUCKY, LOUISIANA, MARYLAND, MASSACHUSETTS, MICHIGAN, MINNESOTA, MISSISSIPPI, MISSOURI, MONTANA, NEBRASKA, NEVADA, NEW JERSEY, NEW YORK, NORTH CAROLINA, NORTH DAKOTA, OHIO, OKLAHOMA, OREGON, PENNSYLVANIA, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, TEXAS, UTAH, VERMONT, VIRGINIA, WISCONSIN, WYOMING.

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