

FOR USE IN SOYBEANS

NOT REVIEWED
In Accordance with FE Notice 87-1
Based on Draft Labeling Dated 11/15/87

**PREPLANT INCORPORATED APPLICATIONS
WITH DRY BULK FERTILIZERS**

Observe all Precautionary Statements and Limitations on the SQUADRON leaflet label before using.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **DO NOT** apply this product through any type of irrigation system. This label must be in the possession of the user at the time of herbicide application.

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 table on page 2 to determine the amount of SQUADRON to be impregnated on a ton of dry bulk fertilizer based on the rate of fertilizer which will be applied per acre.

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SQUADRON RATE PER ACRE	Fertilizer Rate lbs/acre					
	200	250	300	350	400	450
3 PINTS	PINTS PER TON					
	30	24	20	17	15	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:

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

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.

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 on the SQUADRON leaflet label for incorporation directions.

EPA Reg. No. 241-297

FOR USE IN SOYBEANS

NOT REVIEWED
In Accordance with PR Notice 82-2,
Based on Product Labeling Details/1/8/81

FOR CONTROL OF HEMP SESBANIA AND HOPHORNBEAM COPPERLEAF IN SOYBEANS

OBSERVE ALL PRECAUTIONARY STATEMENTS IN THE SQUADRON AND SENCOR OR LEXONE² LEAFLET LABELS BEFORE USING. SEE THE SQUADRON AND SENCOR OR LEXONE LEAFLET LABELS FOR USE AREA, APPLICATION INFORMATION, AND ROTATIONAL CROP RESTRICTIONS. ALWAYS FOLLOW THE MORE RESTRICTIVE LABEL.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. DO NOT apply this product through any type of irrigation system.

SQUADRON may be applied in tank mix combination with Sencor or Lexone either preplant incorporated or preemergence, or SQUADRON may be applied preplant incorporated followed by a preemergence application of Sencor or Lexone. These treatments will control hemp sesbania (*Sesbania exaltata*) and hophornbeam copperleaf (*Acalypha ostryaefolia*) in addition to the weeds controlled by SQUADRON alone.

Apply Sencor or Lexone at the broadcast rate per acre specified in the table below, in tank mix combination with 3 pints per acre of SQUADRON.

Sencor or Lexone Rate*

	4.0L	75%DF
Coarse Soils	1/2 pint	1/3 lb.
Medium Soils	1/2 pint	1/3 lb.
Fine Soils	2/3 pint	1/2 lb.

*Do not use Sencor or Lexone on coarse soils of less than 2% organic matter. Use 1/2 lb. or 2/3 pint of Sencor or Lexone on medium soils of greater than 4% organic matter.

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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 Sencor or Lexone. Continue agitating until complete mixing of the Sencor or Lexone has occurred. Next add the SQUADRON and fill the remainder of the tank with water or liquid fertilizer. Maintain agitation while spraying to ensure a uniform spray mixture.

SPRAYING INSTRUCTIONS

GROUND APPLICATION:

Uniformly apply with properly calibrated ground equipment in 10 to 40 gallons of water per acre, or a minimum of 20 gallons of liquid fertilizer per acre. A spray pressure of 20 to 40 psi is recommended.

AERIAL APPLICATION:

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

See precautions on the SQUADRON leaflet label.

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²Trademark of E.I. du Pont de Nemours and Company

which can cause poor weed control and crop injury. Always predetermine the compatibility of SQUADRON plus Sencor or Lexone 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. Mix the specified amount of Sencor or Lexone with 2 tablespoons of water. Mix well and add to the fertilizer solution. Close jars and shake well, then add the correct amount of SQUADRON.
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 with 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 herbicides in that specific liquid fertilizer.


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

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

Gallons of Liquid Fertilizer to be Applied per Acre	Sencor or Lexone		
	<u>SQUADRON</u>	<u>4.0 L</u>	<u>75% DF</u>
20	2	1/2	3/4
30	1 1/2	1/3	1/2
40	1	1/4	1/3

This label must be in the possession of the user at the time of herbicide application.

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 **CYANAMID**
American Cyanamid Company
Agricultural Division
Crop Protection Chemicals Department
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