

PM 25 241-327 1047

Squadron[®]

herbicide



FOR USE IN SOYBEANS

KEEP OUT OF REACH OF CHILDREN
DANGER! ¡PELIGRO!

STATEMENT OF PRACTICAL TREATMENT

 **CYANAMID**
A Division of Cyanamid Company

BEST AVAILABLE COPY

With US
In EPA 1-

FEB 24 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, 24 USC 1446, the
registered owner of a pesticide

241-327

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

DANGER

Causes irreversible eye damage. Harmful if inhaled or absorbed through the skin. DO NOT get in eyes or on clothing. Avoid breathing vapor or spray mist. Avoid contact with skin. Use with adequate ventilation.

Personal Protective Equipment (PPE).

Some materials that are chemical-resistant to this product are listed below. If you want more details, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as Butyl Latex or Butyl Rubber 2-14 mils or Nitrile Rubber 2-14 mils or Viton 2-14 mils
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washable, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

- Wash hands thoroughly after handling.
- Wash face, neck, and exposed skin after handling.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. DO NOT apply directly to water, to areas where surface water is present or to saturated areas below the mean high water mark. Do not runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic areas. DO NOT contaminate water when disposing of equipment and mixtures.

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.

Reserve all claims 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 the 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.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protect handlers may be in the area during application. For all requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this but only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. PPE required for entry only to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water:

- Coveralls
- Chemical-resistant gloves, such as Butyl Latex or Butyl Rubber 2-14 mils or Nitrile Rubber 2-14 mils or Viton 2-14 mils
- Shoes plus socks
- Protective eyewear

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.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray material, or release 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 National Waste Management Administration at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL FOR 5.5 GALLONS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or by other means as directed by local authorities. Do not reuse.

CONTAINER DISPOSAL FOR 1.9 LITERS: If program of land by incineration, incineration program is available, incinerate (or equivalent) in a sanitary landfill, or by incineration, or by other means as directed by local authorities. Do not reuse.

DISCLAIMER

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

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

American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use herein described when used in accordance with the directions for use, subject to the risks referred to above. CYANAMID DOES NOT MAKE OR AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

BUYER'S EXCLUSIVE REMEDY AND AMERICAN CYANAMID'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF 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.

Use With Other Products (Tank Mixes)

If this product is used in combination with any other product except as specifically recommended in writing by AMERICAN CYANAMID COMPANY, then AMERICAN CYANAMID COMPANY shall have no liability for any loss, damage or injury arising out of its use in a combination not so specifically recommended. If used in combination with AMERICAN CYANAMID COMPANY, the liability of AMERICAN CYANAMID COMPANY shall in no manner extend to any damage, loss or injury not directly caused by the inclusion of the AMERICAN CYANAMID COMPANY product in such combination use, and in any event shall be limited to the amount of the purchase price of the product.

GENERAL INFORMATION

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

After SQUADRON is applied, some susceptible weeds emerge, grow, and then the weeds either die or are not competitive with the crop.

A timely cultivation may be in the control of certain weeds or may use 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 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 maintain 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 or postemergence herbicide application may be needed to improve weed control. 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 SCEPTER 700G, SCEPTER 01 or Clear-C postemergence treatment will control certain problem weeds. Use sequential treatments in recommended states only.

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

When any weed population, there may be the potential for the occurrence of weeds resistant to herbicides when compounds that affect the same site of action are used continuously on the same acre. Therefore, any weed management program should include, when local agronomic practices allow, as many of the following practices as possible:

- use including and weed thresholds to determine the need for herbicide treatment
- rotate herbicides or sequential applications of different mode-of-action herbicides to control the same target weeds
- combine cultivation with herbicide treatments

See your Cyanamid representative for additional information.

PRECAUTIONS:

DO NOT apply SQUADRON preemergence 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.

DO NOT use on crops other than soybeans. Crops, other than soybeans, such as corn, cotton, grain sorghum, rice and vegetables, may be injured by spray drift or other indirect contact with SQUADRON.

To avoid injury to sensitive crops, spray drift follow all use directions and precautions in SPRAYING INSTRUCTIONS on page 6.

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 Use Region 3 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 graze or feed treated soybeans, forage, hay or straw to livestock.

Use of SQUADRON herbicide in water tanks with label directions is expected to result in normal growth of rotational crops in most situations. However, some environmental and agronomic factors make it impossible to eliminate all risks associated

¹ Registered Trademark of American Cyanamid Company.

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

BEST AVAILABLE COPY

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. Always follow the more restrictive label limitations and precautions.

Soil Texture

The application rate of some herbicides which may be tank mixed with SQUADRON will 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 texture included in each of these three groups:

COARSE	MEDIUM	FINE
sands loamy sands sandy loams	sandy clay loams* sandy clays loams silt loams silt	silty clay loams* silty clays clay loams clays

* Sometimes considered transitional soils

SQUADRON plus Additional PROWL 3.3 EC herbicide Tank Mixture

PROWL 3.3 EC 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 label. SQUADRON plus PROWL 3.3 EC must be applied preplant incorporated if shattercane or woolly cupgrass infestations are anticipated.

On coarse textured soils add PROWL 3.3 EC at 0.6 pint per acre* and on medium and fine textured soils add PROWL 3.3 EC at 0.6 to 1.2 pints per acre*.

See the PROWL 3.3 EC 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 3.3 EC label.

* PROWL 3.3 EC rates are based on 3.3 pounds of active ingredient per gallon. If the 4.0 pounds of active ingredient per gallon formulation is used, multiply the above rates by 0.82.

SQUADRON plus Command 4EC Tank Mixture

Observe all precautionary statements in the Command 4EC 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 4EC label for incorporation requirements. 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 4EC can cause foliar whitening or yellowing of some plants. Prior to using Command 4EC, read and strictly follow all precautions and application instructions on the Command 4EC label.

When applied as directed, tank mixtures of SQUADRON plus Command 4EC 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 4EC when severe infestations of velvetleaf are anticipated.

Follow all rotational crop restrictions on the SQUADRON and Command 4EC 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.

SQUADRON Plus Metribuzin Tank Mixtures

Before using, observe all precautionary statements in the SQUADRON, Lexone®, and Sencor® label. SQUADRON may be applied in tank mix combination with Lexone or Sencor either preplant incorporated or preemergence, or SQUADRON may be applied preplant incorporated followed by a preemergence application of Lexone or Sencor. For preemergence applications, apply during or immediately after planting. These treatments will control Florida beggarweed, hemp sesbania, hophornbeam, copperleaf and sicklepod in addition to the weeds controlled by a soil application of SQUADRON alone.

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

	Lexone or Sencor 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 Lexone or Sencor on coarse soils of less than 2% organic matter. Use 1/2 lb. or 2/3 pint of Lexone or Sencor on medium soils of greater than 4% organic matter.

Tank Mixtures with 2,4-D

2,4-D may be used with SQUADRON alone or in combination with other SQUADRON tank mixes prior to planting for control of some annual broadleaf weeds. Use the following rates of 2,4-D in tank mixtures with SQUADRON:

2,4-D Formulation	Rate (lb a.i./A)	Minimum Days Before Planting
Ester	0.5	7
Amine	0.5	15
Ester or Amine	1.0	30

Refer to 2,4-D label for weeds controlled. Observe all cautions and limitations on the 2,4-D label.

* Registered Trademark of FMC Corporation

* Registered Trademark of E.I. duPont de Nemours and Company

* Registered Trademark of Miles Company

Excerpt where posted on a Supplemental Label or on this label. DO NOT apply products containing crocetin ethyl to g. Classic, Canyon, Gator, Large Plus, Premier, etc.) or to g. SCEPTOR™ TR-SCEPTOR™, etc. (except as noted on this label), or to g. PURSUIT™ PURSUIT™ PLUS PASSPORT™, etc.) the same year as SOLADRON or injury to follow code may occur. DO NOT graze or feed treated soybean forage hay or straw to livestock.

BROADLEAF WOODS	
Alderwood	(<i>Alnus incana phaeolepis</i>)
Bogwooded Forest	(<i>Desmodium illinoense</i>)
Bony Sallow	(<i>Asplenium platyneuron</i>)
Burcucumber	(<i>Sycia angulata</i>)
Capeweed	(<i>Helipia viridula</i>)
Cocktail Cinnamon	(<i>Lindum aurum</i>)
Copeland hollyhock	(<i>Arctostaphylos</i>)
Juniperwood	(<i>Quercus macrocarpa</i>)
Koche	(<i>Reichia scoparia</i>)
Lampbrushes Cinnamon	(<i>Chenopodium album</i>)
Melrose Venice	(<i>Pedicularis</i>)
Muscovine	(<i>Cypripedium</i>)

Monogynous	
Entombed	(<i>Homocidus</i> "saccharus" var. <i>angusticollis</i>)
Trypet	(<i>Homocidus pedicellatus</i>)
Patra Leaf	(<i>Homocidus angilis</i>)
Flies	(<i>Homocidus lucicola</i>)
Smallmouth	(<i>Acropneustes spinulatus</i>)
Tail	(<i>Homocidus purpureus</i>)
Muscard Species	(<i>Orasema</i> spp.)
Nephelidae: Eucnem Black	(<i>Scutellum phycidarium</i>)
Pegwood	
Palmer	(<i>Acanthidius pumilio</i>)
Redspot	(<i>Acanthidius nigritarsus</i>)
Smooth	(<i>Acanthidius hypoleus</i>)
Spry	(<i>Acanthidius spinatus</i>)
Waterbury, Tail	(<i>Acanthidius subseriatus</i>)
Purcellia Weib	(<i>Euphoridus holoserphus</i>)
Purcellusine	(<i>Trichus swainsoni</i>)
Purpura	(<i>Purpura clausus</i>)
Pustly, Flared	(<i>Pleurostoma scabrip</i>)

Flowered	
Common	(<i>Ambrosia artemisiifolia</i>)
Giant	(<i>Ambrosia trifida</i>)
Flowered	(<i>Mimulus discolorifolius</i>)
Common Hemp	(<i>Scorpius fastida</i>)
Sickle-3	(<i>Cenchrus ciliaris</i>)
Side Prickly (Tweed)	(<i>Sida spinosa</i>)
Smoothed	
Ladyshrub	(<i>Polygonum persicaria</i>)
Pennycrumb	(<i>Polygonum pennsylvanicum</i>)
Spurge	
Annual	(<i>Euphorbia</i> spp.)
Prostrate	(<i>Euphorbia humifusa</i>)
Spotted	(<i>Euphorbia maculata</i>)
Sunflower, Common	(<i>Helianthus annuus</i>)
Towheeweed	(<i>Capsella bursa</i>)
Velvetleaf	(<i>Abutilon tomentosum</i>)
Grass	
Muscle Yellow	(<i>Centaurea jacea</i>)



AQUADIN[®] *herbicide*

FOR USE IN SOYBEANS



 **CYANAMID**



Net Contents: 2.5 Gallons

~~Approved for use~~
~~with 2,4-D~~
In EPA Letter Dated:

FEB 24 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for use only on products registered under FIFRA 241-327.

BEST AVAILABLE COPY