

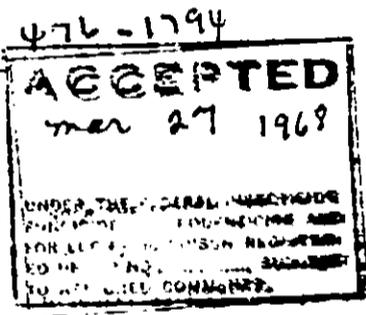
**WEEDS CONTROLLED**

**ANNUAL GRASSES GROWING FROM SEED:**

- Barnyardgrass (watergrass)
- Crabgrass
- German millet
- Giant foxtail
- Green foxtail
- Yellow foxtail
- Wild cane

**ANNUAL BROADLEAF WEEDS:**

- Annual morningglory
- Butterweed
- Lambsquarters
- Pigweed
- Purslane
- Ragweed (common)
- Velvetleaf
- Wild mustard



**JOHNSONGRASS SEEDLINGS (From seeds)**

**NOTICE:** Stauffer Chemical Company makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on Stauffer's label.

SCC-2-3-0016R2

# Knoxweed 42

**A SELECTIVE PRE-EMERGENCE HERBICIDE FOR FIELD, SWEET AND SILAGE CORN**

Emulsifiable Liquid

**ACTIVE INGREDIENTS:**

- S-ethyl dipropylthiocarbamate\* ..... 46.9%
- Isooctyl Ester of 2,4-dichlorophenoxyacetic acid\*\* ..... 35.4%

**INERT INGREDIENTS:** ..... 17.7%

100.0%

\*Reg. T.M. of Stauffer Chemical Company. \*U.S. Pat. No. 2,913,327

\*\*Low volatile ester of 2,4-D 2,4-dichlorophenoxyacetic acid Equivalent.. 21.5%

## CAUTION

Keep Out of Reach of Children ✓

HARMFUL IF SWALLOWED.

**AVOID PROLONGED OR REPEATED CONTACT WITH SKIN, EYES OR CLOTHING. WASH THOROUGHLY AFTER USE. DO NOT CONTAMINATE FEED AND FOOD.**

Minimum storage temperature 5°F. • Do Not Use Or Store Near Heat Or Open Flame.

**DESTROY EMPTY CONTAINER IMMEDIATELY — PERFORATE AND BURY**

**DO NOT BURN**

**READ ALL DIRECTIONS BEFORE USING**

\_\_\_ GAL NET

50



..... 46.9%  
 ..... 35.4%  
 ..... 17.7%  
 100.0%

ent.. 21.5%

CLOTHING AND FOOD.

Open Flame.

BURY

50

**GENERAL USE PRECAUTIONS**

APPLY ONLY IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS ON 2,4-D.

Do not store near seeds, fertilizers, insecticides or fungicides.

Do not apply in combination with a fertilizer, insecticide or fungicide.

KNOXWEED 42 should be used only for recommended purposes at the recommended rates (DO NOT OVERDOSE). Do not use on corn grown for hybrid seed production. Do not apply post-emergence to corn.

Do not apply directly to or otherwise permit spray to come in contact with vegetables, flowers, grapes, fruit trees, ornamentals, cotton or other desirable plants which are sensitive to 2,4-D and similar materials.

Do not permit spray mist to drift onto foregoing plants since even minute quantities of the spray may cause severe injury during both growing and dormant periods. (Coarse sprays are less likely to drift).

Vapors from this product may injure susceptible plants in the immediate vicinity.

Do not use the same spray equipment for other purposes without first thoroughly cleaning with a suitable chemical cleaner. Consult your supplier for special instructions on cleaning spray equipment.

Toxic to fish. Do not contaminate any body of water, by direct application, cleaning of equipment or disposal of wastes and containers.

Keep container tightly sealed when not in use. CONTAINS 2,4-D. DO NOT RE-USE THIS CONTAINER.

**DIRECTIONS FOR USE**

KNOXWEED 42 is a selective pre-emergence herbicide for controlling certain annual grasses and broadleaf weeds in field, sweet and silage corn. KNOXWEED 42 may cause injury to corn under extreme soil and climatic conditions or if all directions for use are not followed carefully.

**SOIL PREPARATION:** Prepare the soil for seeding according to good agricultural practice. All weed growth should be thoroughly worked into the soil before treatment. For best results the seed bed should be free of clods.

**SOIL TYPE:** This product is recommended for use on mineral soils only. Do not use on peat or muck soils. Do not use on sand.

**APPLICATION:** Apply to dry soil surface only. Apply the recommended rate **UNIFORMLY** using standard low-pressure (20-50 psi) pre-emergence spray equipment. **DO NOT USE SINGLE NOZZLE BOOM JET TYPE SPRAYERS.** Use a coarse spray to avoid drift. Spray equipment should be carefully calibrated in the field before use and checked frequently during application to be sure nozzles are free from clogging and delivering a uniform spray pattern. Avoid overlaps that will increase dosage above recommended limits.

**APPLICATION WITH UREA-AMMONIUM NITRATE SOLUTIONS—28% - 32% NITROGEN (Do Not Substitute Any Other Fertilizer Solution)**

KNOXWEED 42 can be mixed with nitrogen solutions in place of water and applied in accordance with directions for use on the label regarding soil preparation and type equipment, timing, etc.

**BROADCAST:** Use at least 20 gallons of liquid nitrogen solution with 2 quarts of Knoxweed 42.

**BAND:** Use at least 7 gallons of liquid N solution with 1 1/2 pints of Knoxweed 42.

**MIXING DIRECTIONS:** First, charge the sprayer with Urea Ammonium Nitrate solution. Begin good agitation and then add Knoxweed 42 after all liquid nitrogen is in the spray tank. Agitation must be continued during application.

**IMPORTANT:** Do not add Knoxweed 42 before or during the addition of liquid N-Solution. To do so may result in a non-sprayable invert emulsion.

\*Band rate based on 13" to 14" band over row space 38" to 40" apart.

**RECOMMENDATIONS PRE-EMERGENCE SOIL APPLICATION**

**FIELD, SWEET AND SILAGE CORN:** Plant corn a minimum depth of 2 1/2 inches if furrow openers are used when planting, covering discs are recommended to insure that 2 1/2 inches of soil covers the seed. Apply to the surface of the soil immediately after planting. Do not incorporate this material into the soil prior to the emergence of corn. Knoxweed must be applied **BEHIND** any equipment used to level the soil. After corn emerges, normal cultivation practices can be followed.

**DOSAGE RATES**

Broadcast	2 qts in 20 gals. water per acre.
Band**	1 1/2 pts in 7 gals. water per acre.

\*\*The rate for band application is based on a 13-14 inch band over rows spaced 38-40 inches apart.

**CULTURAL PRACTICE FOLLOWING APPLICATION:**

**DO NOT DRAG CORN FOLLOWING APPLICATION UNTIL CORN HAS EMERGED FROM THE SOIL.** Rainfall of at least 1/2 inch in one rain is necessary to carry the chemical down to the germinating weed seeds. One or more light rains are not sufficient. Poor weed control will result if sufficient rainfall does not occur within ten days after application. If sufficient rainfall does not occur within ten days after application, or weeds have emerged, the use of rotary hoe or cultivation equipment after emergence of corn is recommended.

**BAND APPLICATION:** When cultivating between rows use shields to prevent throwing untreated soil into the treated row. When unfavorable weather results in poor weed control, follow normal cultivation practices.

**SUBSEQUENT CROPS PLACED IN ROTATION WILL NOT BE AFFECTED BY THE PRE-EMERGENCE USE OF KNOXWEED 42 IN CORN. THIS INCLUDES CROPS SUCH AS SMALL GRAINS AND SOYBEANS.**

Made in U.S.A.

USDA Reg. No. 476-1794  
 Y-ARC-670913-MV. 51

# KNOXWEED<sup>®</sup>

## POST-EMERGENCE HERBICIDE FOR SILAGE CORN 42

Mulsifiable Liquid

2,4-D	46.9%
2,4-dichlorophenoxyacetic acid**	35.4%
2,4,5-trichlorophenoxyacetic acid	17.7%
	100.0%

Company: \*U.S. Pat. No. 2,913,327

2,4-dichlorophenoxyacetic acid Equivalent: 23.5%

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FOR USE . DO NOT CONTAMINATE FEED AND FOOD.

50°F. • Do Not Use Or Store Near Heat Or Open Flame.

Empty CONTAINER IMMEDIATELY — PERFORATE AND BURY

DO NOT BURN

Read ALL DIRECTIONS BEFORE USING

\_\_\_\_\_ GAL. NET

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