



ACCEPTED

APR 12 1973

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND ROENTICIDE ACT
FOR ECONOMIC POISON REGISTRATION
ED UNDER NO. 1181 SUBJECT
TO ATTACHED COMMENTS.

Knoxweed[®] 10-4-G

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

ACTIVE INGREDIENTS:

S-ethyl dipropylthiocarbamate*	10.00%
isooctyl Ester of 2,4-Dichlorophenoxyacetic Acid**	6.03%

INERT INGREDIENTS:	83.97%
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*U.S. Pat. No. 2,913,327

100.00%

**Low volatile ester of 2,4-D

2,4-Dichlorophenoxyacetic Acid Equivalents 4.00%

CAUTION **KEEP OUT OF REACH
OF CHILDREN**

HARMFUL IF SWALLOWED.
Avoid Contact With Skin, Eyes And Clothing.
Wash Thoroughly After Use.
Avoid Contamination of Food and Feed.

**BURY WASTE AND EMPTY BAG IN AN ISOLATED AREA
AWAY FROM WATER SUPPLIES.**

READ ALL DIRECTIONS BEFORE USING

EPA Reg. No. 476-1988-AA

Made in U. S. A. by

STAUFFER CHEMICAL COMPANY

WESTPORT, CT 06880

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® 10-4-G 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 material 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.

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

Do not use the same application equipment for other purposes without first thoroughly cleaning.

Do not contaminate water intended for irrigation, domestic or spray purposes.

Keep container tightly sealed when not in use. Contains 2,4-D. Do not reuse this container.

WEEDS CONTROLLED

Annual Grasses Growing from Seed

Barnyardgrass (Watergrass)

Crabgrass

Giant Foxtail

Green Foxtail

Yellow Foxtail

Johnsongrass (from seed)

~~(Echinochloa crusgalli)~~

~~(Digitaria spp.)~~

~~(Setaria faberii)~~

~~(Setaria viridis)~~

~~(Setaria glauca)~~

~~(Sorghum halepense)~~

Annual Broadleaf Weeds

Annual Morningglory

Lambsquarters

Pigweed

Purslane

Ragweed, (Common)

Velvetleaf

~~(Ipomoea sp/purea)~~

~~(Chenopodium album)~~

~~(Amaranthus spp.)~~

~~(Portulaca olerace)~~

~~(Ambrosia trifida)~~

~~(Urtica dioica)~~

DIRECTIONS FOR USE

KNOXWEED® 10-4-G is a selective pre-emergence herbicide for controlling certain annual grasses and broadleaf weeds in corn. KNOXWEED® 10-4-G 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 equipment designed for application of granular herbicides. Equipment should be carefully calibrated before use and checked frequently during application to be sure it is working properly and delivering a uniform distribution pattern. Avoid overlaps that will increase dosage above recommended limits.

RECOMMENDATIONS

PRE-EMERGENCE APPLICATION

CORN: Plant corn a maximum depth of 2½ inches. If furrow openers are used when planting, covering discs are recommended to insure that 2½ 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 Application	20 Pounds/Acre
Band Application*	6½ to 7 Pounds/Acre

*The rate for band application is based on a 13-14 inch band over rows spaced 30-40 inches apart.

CULTURAL PRACTICE FOLLOWING APPLICATION

DO NOT DRAG CORN FOLLOWING APPLICATION UNTIL CORN HAS EMERGED FROM THE SOIL.

Rainfall of at least ½ inch in one event 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 the corn is recommended.

SUBSEQUENT CROPS PLACED IN ROTATION WILL NOT BE AFFECTED BY THE PRE-EMERGENCE USE OF KNOXWEED® 10-4-G IN CORN. THIS INCLUDES CROPS SUCH AS SMALL GRAINS AND SOYBEANS.

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.

Made in U.S.A.

ABC 781287 (1-72)013-23

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Green Foxtail	(Setaria viridis)
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Annual Morningglory	(Ipomoea purpurea)
Lambsquarters	(Chenopodium album)
Pigweed	(Amaranthus spp.)
Purslane	(Portulaca olerace)
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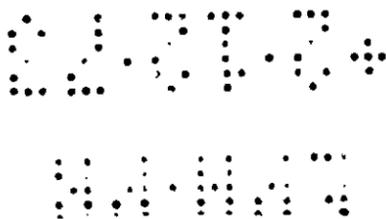
Rainfall of at least ½ inch in the rain is necessary to carry the chemical down to the germinating weed seeds. One or more light rains are not sufficient. Poor weed control will result if sufficient rainfall does not occur within ten days after application. If sufficient rainfall does not occur within ten days after application, or weeds have emerged, the use of rotary hoe or cultivation equipment after emergence of the corn is recommended.

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