



Sutan+[®]

CAUTION

Keep Out of Reach of Children

Harmful if Swallowed

Avoid contact with skin and eyes. Avoid breathing spray mist.

Wear rubber gloves and fresh clothing. Wash skin with soap and water immediately after contact. Flush eyes with water.

EPA Reg. No. 476-2132-AA U.S. Patent No. 2,913,327

Can be stored at temperatures as low as minus 50° F.

1 GALLON NET

6-E

MULSIFIABLE LIQUID—SELECTIVE HERBICIDE FOR
CORN (FIELD, SWEET, AND SILAGE).

ACTIVE INGREDIENT:

S-ethyl dicesobutylthiocarbamate

77.3%

INERT INGREDIENTS

22.7%

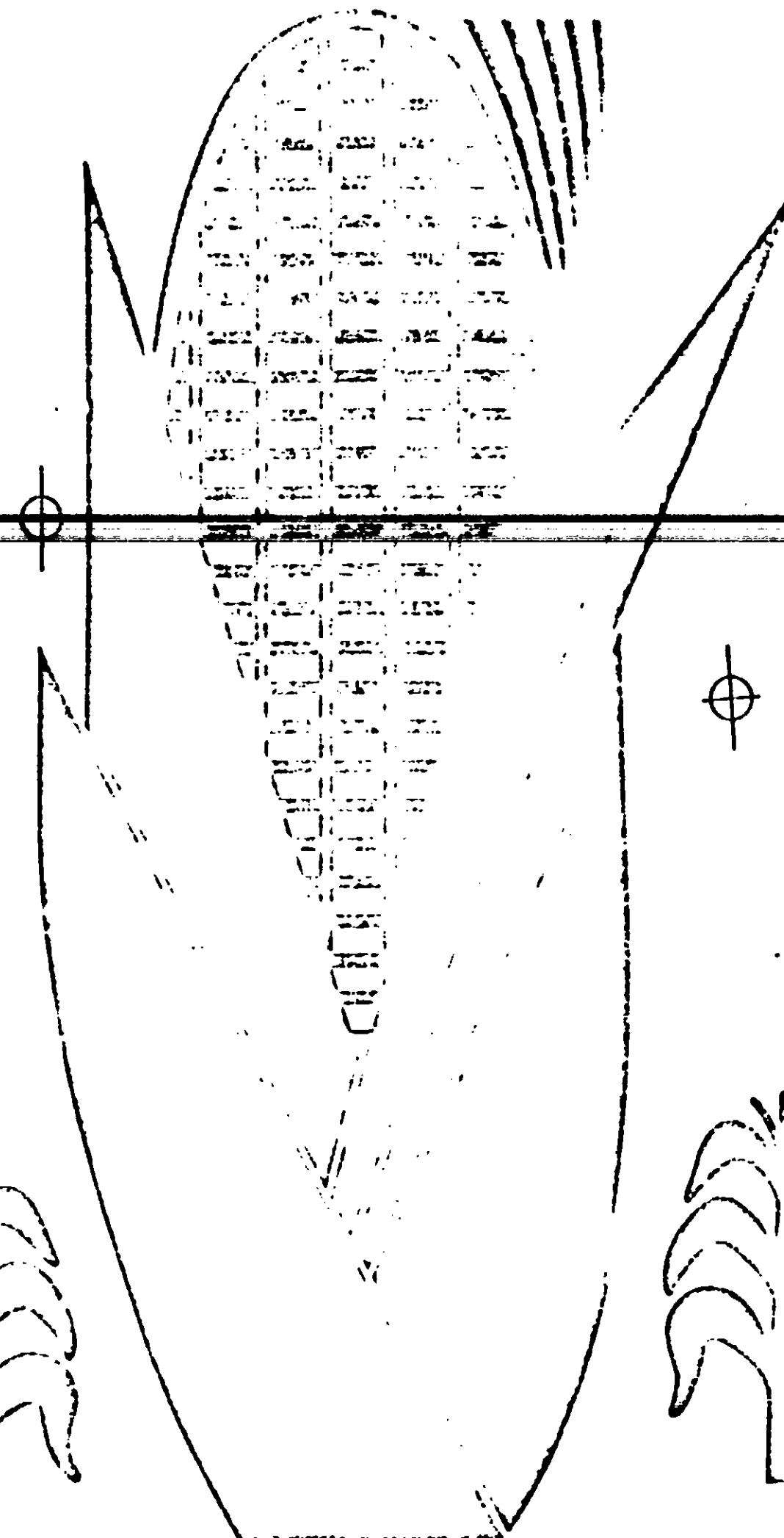
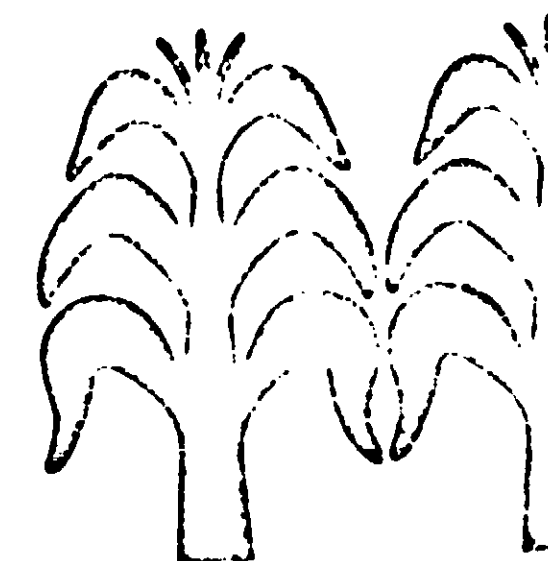
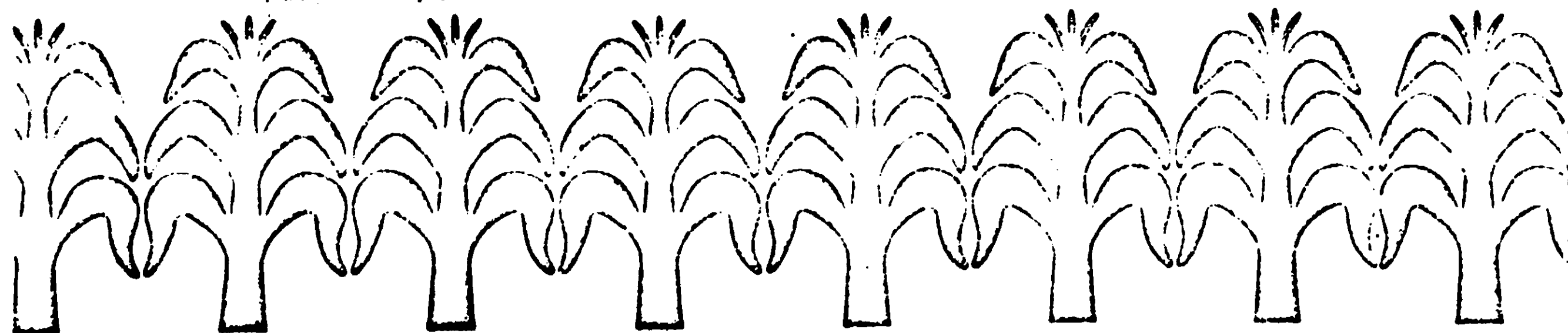
Contains 6 Lbs. of Active Ingredient Per Gallon

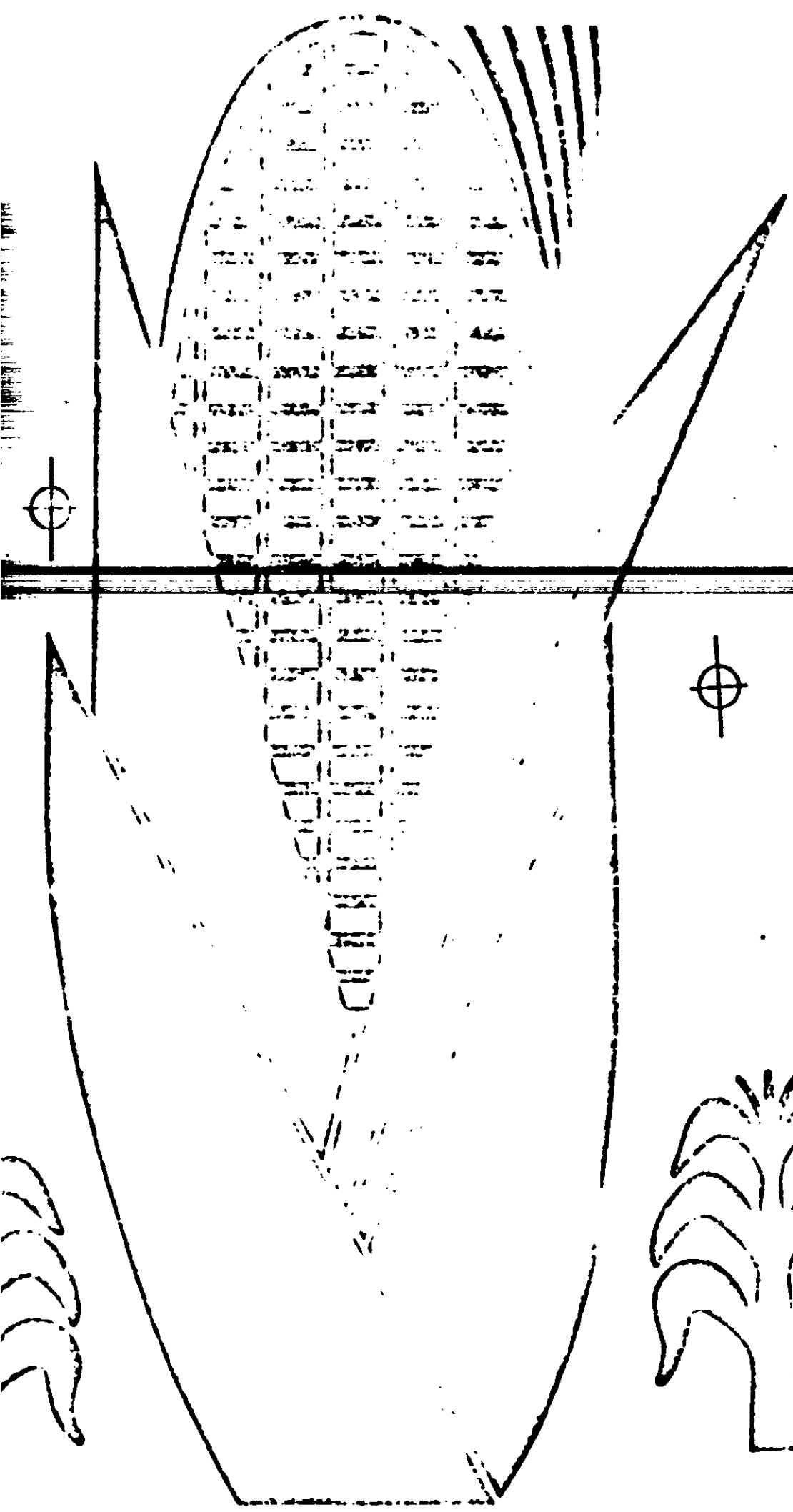
100.0%

Made in U.S.A. by STAUFFER CHEMICAL COMPANY
Westport, CT 06880

ACCEPTED

Sept 13 1973
U.S. DEPT. OF AGRICULTURE
FEDERAL INSECTICIDE
AND RODENTICIDE
ADMINISTRATION
WASHINGTON, D.C.
476-2132





Sutan+[®]

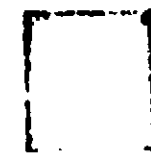
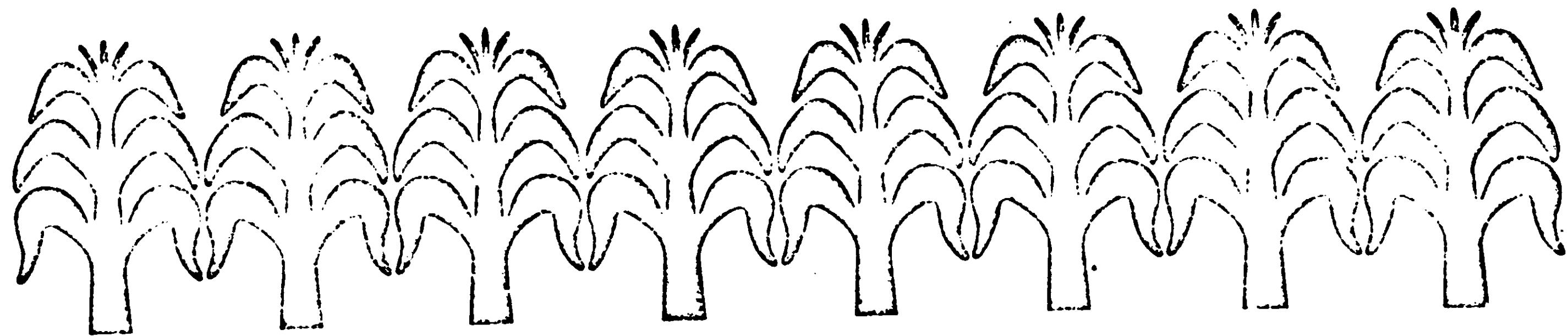
SUTAN+ 6-E IMPORTANT

See attached booklet for Use Precautions, Directions
for Use and Recommendations.
Read all precautions and directions before using.

Rinse spray equipment and empty container.
Do not re-use container! Perforate, crush and bury with liquid
waste in isolated area away from water supplies.

*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.*

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100-1000
100-1000

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100-1000

RECOMMENDATIONS (Continued)

CENTER PIVOT SPRINKLER APPLICATION
(Limit Use To Western Plains States Only)

Apply 4 to 5 1/2 pints of SUTAN+ 6-E plus 1 1/4 to 2 pounds of ATRAZINE 80W or 1 to 1 1/2 quarts ATRAZINE 4L per acre

On fields with moderate to heavy infestations of sandbur, wild cane or nutgrass, use the higher rate of SUTAN+ regardless of soil texture except on blow sands. Cultivation is suggested in addition to the SUTAN+ 6-E/ATRAZINE treatment in fields with a moderate to heavy infestation of sandbur, wild cane or nutgrass.

Use the higher rate of ATRAZINE on soils with over 5% organic matter.

CULTURAL PRACTICES FOLLOWING APPLICATION

Should weeds develop a shallow cultivation or rotary hoeing will generally result in better weed control. When cultivating for any reason, it should be shallow, i.e., no more than 1/2 the depth the herbicide was incorporated.

SUTAN+ 6-E/ATRAZINE (80W or 4L) /
FLUID FERTILIZER TANK MIX
DIRECTIONS page 14

GENERAL

The SUTAN+ 6-E/ATRAZINE (80W or 4L) combination can be combined with fluid fertilizers for applications made before planting. However, the physical compatibility with these fluid fertilizers must be determined before combining in the spray tank, and even though found to be compatible constant agitation is necessary to keep the SUTAN+ /ATRAZINE evenly mixed with the fluid fertilizer during application.

If this compatibility is unknown then the fluid fertilizer should be tested in accordance with the procedure for testing compatibility of SUTAN+ 6-E/ATRAZINE (80W or 4L) combination with fluid fertilizers which can be obtained from your Stauffer dealer.

ATRAZINE 80W is a wettable powder and must be premixed before adding to the spray tank. ATRAZINE 4L is a liquid concentrated suspension and should also be premixed before adding to the spray tank. The 4L dilutes in water and in some nitrogen solution fertilizers.

If the fluid fertilizer is a nitrogen solution fertilizer and forms a smooth slurry with ATRAZINE 80W or 4L, it may be used in preparing the premix. Otherwise, always premix the 80W or 4L with water.

SUTAN+ 6-E which emulsifies directly in water and many fluid fertilizers, can then be added and mixed with the ATRAZINE slurry. This premix dispersion is then mixed with agitation into solution, slurry, and suspension fertilizers.

TANK MIX PREPARATION

1. Prepare a premix in the corresponding proportions:

Add A 1 1/4 to 2 pounds of ATRAZINE 80W

Or B 1 to 1.6 quarts of ATRAZINE 4L

to 2 gallons of either nitrogen solution fertilizer or water in a pail and stir until the ATRAZINE product is separated and a smooth slurry is obtained. To this slurry add the 4 to 6 pints of SUTAN+ 6-E and stir to produce a uniformly dispersed premix.

2. Immediately add the premix slowly to the fluid fertilizer while it is being thoroughly agitated and agitated by a mechanical or jet type agitator. Agitate to obtain uniformity in the tank mixture. As return lines to the tank must discharge below the liquid level. Use only moderate agitation speeds to prevent excessive foaming.

3. The tank mix should always be inspected before starting application to verify that agitating equipment is operating and to be certain that the mixture is uniform. Continue moderate agitation to the field and during application. If a tank mix application is delayed, it should be kept agitated in the tank until it is still uniform prior to completing application.

EPA Reg. No. 476-2132 AA

A-1

CONTAINER DISPOSAL

RINSE SPRAY EQUIPMENT AND EMPTY CONTAINER. DO NOT RE-USE CONTAINER. PERFORATE, CRUSH AND BURY WITH LIQUID WASTE IN ISOLATED AREA AWAY FROM WATER SUPPLIES.

ANNUAL BROADLEAF WEEDS:

Annual Morningglory	(Ipomoea purpurea)
Carpetweed	(Mollugo verticillata)
Cocklebur (Common)	(Xanthium pensylvanicum)
Jimsonweed	(Datura stramonium)
Lambsquarters (Common)	(Chenopodium album)
Mustards	(Brassica spp.)
Nightshade	(Solanum spp.)
Common Purslane	(Portulaca oleracea)
Ragweed	(Ambrosia spp.)
Redroot Pigweed	(Amaranthus retroflexus)
Prostrate Pigweed	(Amaranthus graecizans)
Smooth Pigweed	(Amaranthus hybridus)
Smartweed	(Polygonum spp.)
Velvetleaf	(Abutilon theophrasti)
Flenda Purslane	(Richardia scabra)

PERENNIAL GRASSES:

Purple Nutgrass (Nutsedge)	(Cyperus rotundus)
Yellow Nutgrass (Nutsedge)	(Cyperus esculentus)

Existing stands of nutgrass must be turned under and chopped up thoroughly before treatment. Cultivation is suggested in addition to SUTAN + /ATRAZINE treatment in fields with moderate or heavy nutgrass infestations.

DIRECTIONS FOR USE

TANK MIXING DIRECTIONS

The SUTAN + 6-E/ATRAZINE (80W or 4L) combination can be mixed with water and applied as a spray. With ATRAZINE 80W, mix the recommended amount of ATRAZINE in a five gallon pail with sufficient water to make a slurry. Pour the slurry into a nearly filled spray tank while agitating. With ATRAZINE 4L, pour the recommended amount of ATRAZINE 4L directly into the nearly filled spray tank while agitating. In both cases, next add the recommended amount of SUTAN + 6-E. Fill the remaining portion of the tank with water, mix

thoroughly. Maintain moderate agitation to provide a uniform mix during application. Do not use excessive agitation, as it may cause the ATRAZINE to settle out and get up in the spray tank. All return lines to the tank must discharge below liquid level.

For pre-plant uses, the SUTAN + 6-E/ATRAZINE (80W or 4L) combination also may be combined with fluid (solution, slurry or suspension) fertilizers. However the physical compatibility with these fluid fertilizers must be determined before combining in the spray tank. Refer to the section appearing elsewhere on this label entitled SUTAN + 6-E/ATRAZINE-FLUID FERTILIZER TANK MIX DIRECTIONS.

APPLICATION AND SOIL
INCORPORATION DIRECTIONSSPRAY APPLICATION AND MECHANICAL
INCORPORATION

Apply the recommended dosage in 10 to 50 gallons of water per acre (use the higher callage in arid areas) using a properly calibrated, low-pressure (20-40 psi), boom-type sprayer having good, but not excessive agitation. Check frequently during application to be sure nozzles are free from clogging and are delivering a uniform spray pattern. Read directions on ATRAZINE label concerning nozzle and screen sizes.

The herbicides must be incorporated into the soil immediately after application to prevent loss of the SUTAN +. Whenever possible, application and incorporation should be done in the same operation. Apply the herbicides to well worked soil, dry enough to permit good soil mixing.

(Continued next page)

Soil mixing (incorporation) before planting: Incorporate using power-driven cultivation equipment set to cut to a depth of 2 to 3 inches, or a tandem disc set to cut to a depth of 4 to 6 inches, operated at 4 to 6 mph, followed by a spring-tooth harrow or some other leveling device which extends beyond the ends of the disc. For thorough mixing, disc in two different directions across field. Prior to the second discing adjust the disc to prevent cutting deeper than 4 to 6 inches.

CENTER PIVOT SPRINKLER APPLICATION

Apply and soil incorporate SUTAN + /ATRAZINE with irrigation water before planting (see PLANTING), or at any time after planting before emergence of corn or weeds. Meter the pre-mixed SUTAN + /ATRAZINE into the irrigation water during the entire period. Apply in $\frac{1}{2}$ to 1 inch of water. Good agitation of the pre-mixed SUTAN + /ATRAZINE should be maintained during the entire application period. See tank mixing directions for SUTAN + with ATRAZINE.

PLANTING

Do not plant seed deeper than 2 inches. For a SUTAN + /ATRAZINE application made before planting, seedbeds can be done immediately, or it may be delayed up to 2 weeks. To avoid removing SUTAN + /ATRAZINE from the row (with loss of weed control in the row) do not move or shape soil after treatment, such as by planting in deep furrows. If it is necessary to work the soil following application and incorporation, but before planting, do not work the soil deeper than the depth the herbicides were incorporated.

Do not use on milo or sorghum.

Consult hybrid seed corn producer before using on corn grown for seed.

RECOMMENDATIONS—SUTAN + 6-E/ATRAZINE

NOTE: All doses are expressed as broadcast rates per acre. For band applications, reduce dosage proportionately depending upon the row spacing and band width to be treated.

BEFORE PLANTING (PRE-PLANT)
SPRAY APPLICATION

In the North Central, Northeastern, Southwestern and Midwestern Corn Growing Areas

Apply and incorporate 4 to 5 $\frac{1}{2}$ pints of SUTAN + 6-E plus $\frac{1}{2}$ to 2 pounds of ATRAZINE 80W or 1 to 2 quarts ATRAZINE 4L per acre.

Use the higher rate of SUTAN + on extremely heavy soils with over 5% organic matter. On fields with moderate to heavy infestations of sandbur, wild cane or nutgrass use the higher rate of SUTAN + regardless of soil texture, except on blow-silt soils and the light sandy soils of the eastern coastal states. Cultivation is suggested in addition to the SUTAN + 6-E/ATRAZINE treatment in fields with a moderate to heavy infestation of sandbur, wild cane or nutgrass.

Use the higher rate of ATRAZINE on soils with over 5% organic matter.

In All Other Corn Growing Areas—

Apply and incorporate 4 quarts of SUTAN + 6-E plus 1 pint for buffalobur plus $\frac{1}{2}$ to 2 pounds of ATRAZINE 80W or 1 quart ATRAZINE 4L per acre. Cultivation suggested in addition to the SUTAN + 6-E/ATRAZINE treatment in fields with moderate to heavy infestations of sandbur, wild cane, nutgrass or buffalobur (Tripsacum daniellii).

(Continued next page)

WEEDS CONTROLLED BY SUTAN+ 6-E

SUTAN+ 6-E will not control established weeds.

ANNUAL GRASSES:

Barnyardgrass.	(<i>Echinochloa crusgalli</i>)
Watergrass	(<i>Echinochloa</i> spp.)
Crabgrass	(<i>Digitaria</i> spp.)
Fall Panicum	(<i>Panicum dichotomifolium</i>)
Field Sandbur*	(<i>Cyperus floridus</i>)
Giant Foxtail	(<i>Setaria faberii</i>)
Green Foxtail	(<i>Setaria viridis</i>)
Yellow Foxtail	(<i>Setaria pinnatifida</i>)
Goosegrass	(<i>Elymus indica</i>)
Seedling Johnsongrass	(<i>Sorghum halepense</i>)
Seedling Bermudagrass	(<i>Cynodon dactylon</i>)
Texas Panicum*	
Buffalograss	(<i>P. Texanum</i>)
Coloradograss	(<i>Sorghum</i> spp.)
Volunteer Sorghum	(<i>Sorghum</i> spp.)
Wild Cane*, Shattercane,	
Black Amber Cane,	
Chicken Corn,	
Scatter Cane	(<i>Sorghum bicolor</i>)

*Cultivation is suggested in addition to the SUTAN+ 6-E treatment in fields with moderate or heavy infestations of Wild Cane, Sandbur or Buffalograss (Texas Panicum).

PERENNIAL WEEDS:

Purple Nutgrass,	(<i>Cyperus rotundus</i>)
(Nutsedge)	(<i>Cyperus esculentus</i>)

Existing stands of nutgrass must be turned under and chopped up thoroughly before treatment. Cultivation is suggested in addition to SUTAN+ 6-E treatment in fields with moderate or heavy nutgrass infestations.

CONTENTS

page 1

Weeds Controlled by SUTAN+ 6-E	2
General Use Precautions	3
Direction For Use of SUTAN+ 6-E	4-5
Recommendations - SUTAN+ 6-E	6
SUTAN+ 6-E/ATRAZINE Tank Mix Directions	7
Weeds Controlled by SUTAN+ 6-E/ATRAZINE	7-8
Directions for Use of SUTAN+ 6-E/ATRAZINE	9-10
Recommendations - SUTAN+ 6-E/ATRAZINE	11-12
Cultural Practices Following Application	13
SUTAN+ 6-E/ATRAZINE (90% or 4L) Fluid Fertilizer Tank Mix Directions	14
General	14
Tank Mix Preparation	15
Container Disposal	15

GENERAL USE PRECAUTIONS

Read all label directions before using.

Applied according to directions and under normal growing conditions, SUTAN+ 6-E will not harm the treated crop. During germination and early stages of growth, extended periods of unusually cold and wet or hot and dry weather, insect or plant disease attack, carryover pesticide residues, the use of certain soil applied systemic insecticides, improperly placed herbicide or insecticides may create abnormal conditions that weaken crop seedlings. SUTAN+ 6-E used under these abnormal conditions could result in crop injury.

When applied according to directions, and when conditions exist for normal plant growth through the season, no harmful residues of SUTAN+ 6-E should remain beyond harvest. In the SOUTHEASTERN U.S., when SUTAN+ 6-E is used for weed control in silage corn, do not feed small seeded grains after corn harvest until September.

Do not use on milo or sorghum.

Consult hybrid seed corn producer before using on corn grown for seed.

SUTAN+ 6-E is recommended for use on milo and corn only. (Soil containing less than 1% organic matter.)

Do not contaminate irrigation water used for crops other than corn or water used for domestic purposes.

Avoid contamination of feed and food.

Keep container closed when not in use.

Do not store near seeds or fertilizers.

Do not use in Arizona or in the two southernmost California counties except in Kern County where feed and silage corn may be treated.

GENERAL USE PRECAUTIONS

page 3

NOTICE: Stauffer Chemical Company makes no warranty, express or implied, including the warranties of merchantability and fitness for any particular purpose. Stauffer Chemical Company does not warrant the quality of any material, except those which are contained in Stauffer's label.

These products are also available from your Stauffer Dealer:



Aspon[®]
Insecticide

Betasan[®]
Herbicide

Caplan
Fungicide

Dyfonate[®]
Soil Insecticide

Eptam[®]
Herbicide

Erastane[™]
Herbicide

Folpet
Fungicide

Imidan[®]
Insecticide

Knoxweed[®]
Herbicide

Ordram[®]
Herbicide

Parathion
Insecticide

Methyl Parathion
Insecticide

Prefer[®]
Herbicide

Ro-Neet[®]
Herbicide

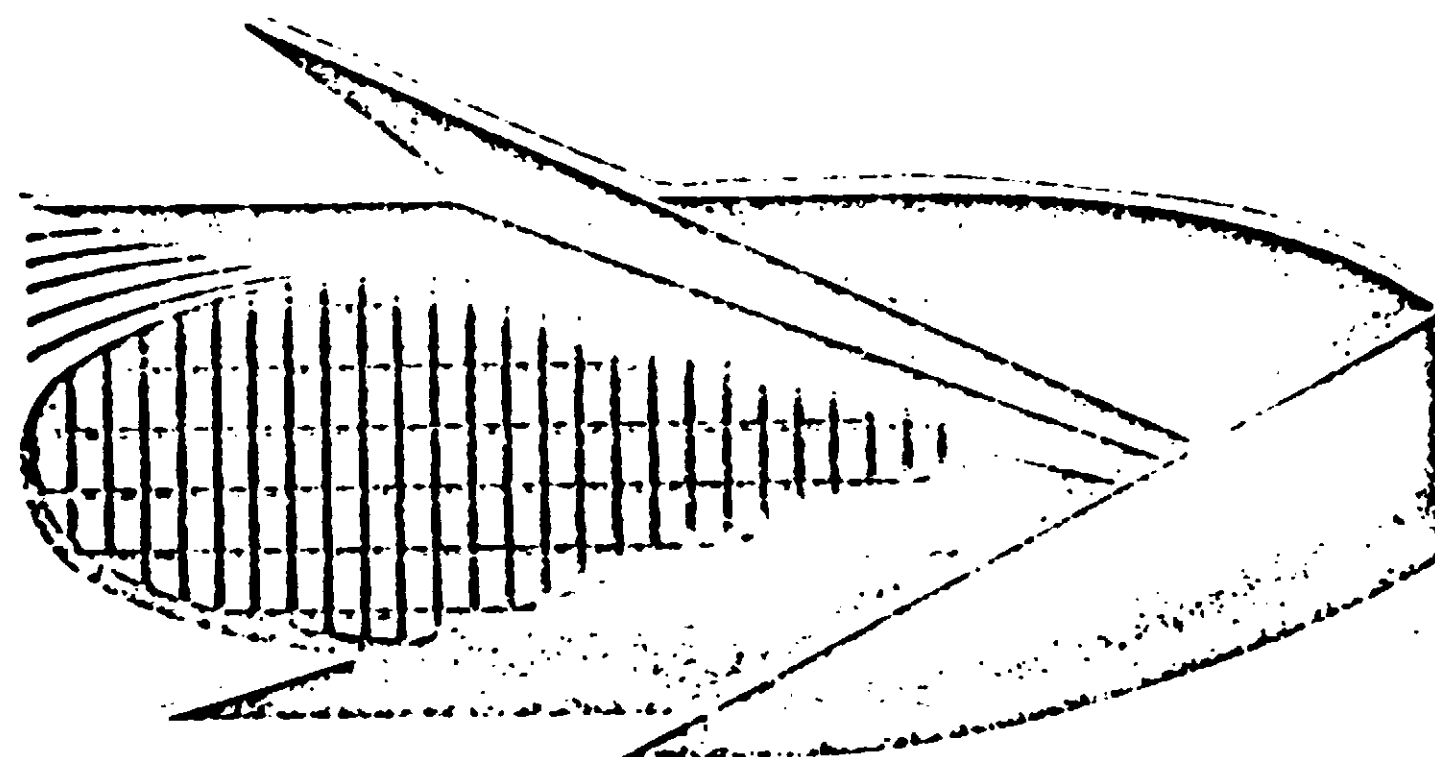
Tillam[®]
Herbicide

Trithion[®]
Insecticide-Acaricide

Vapam[®]
Soil Fumigant

Vernam[®]
Herbicide

© F-12-6-60
Stauffer



Sutan+6-E

Selective herbicide for field, sweet and silage corn

Complete Directions For Use,
Use Precautions and Recommendations

STAUFFER CHEMICAL COMPANY, Westport, CT 06880

EPA Reg. No. 476-21-2 AA

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