

SUTAN-ATRAZINE 36-12-WP

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INCORPORATION DIRECTIONS

THE PRODUCT 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 PRODUCT TO WELL WORKED SOIL, DRY ENOUGH TO PERMIT GOOD SOIL MIXING.

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 SPIKED-TOOTH HARROW OR SOME OTHER LEVELING DEVICE WHICH EXTENDS BEYOND THE ENDS OF THE DISC. FOR THOROUGH MIXING, DISC IN TWO DIFFERENT DIRECTIONS (CROSS DISC). PRIOR TO THE SECOND DISCING ADJUST THE DISC TO PREVENT CUTTING DEEPER THAN 4 TO 6 INCHES.

SOIL MIXING (INCORPORATION) AFTER PLANTING

INCORPORATE USING A ROTARY HOE OR SIMILAR TYPE CULTIVATION EQUIPMENT SET TO CUT TO A DEPTH OF 1-1/2 INCHES AND OPERATED AT 6 TO 8 MPH. PRECULTIVATE IF SOIL IS CRUSTED. OR, POWER-DRIVEN CULTIVATION EQUIPMENT SET TO CUT TO A DEPTH OF 2 INCHES MAY BE USED FOR INCORPORATION. WHEN USING POWER-DRIVEN EQUIPMENT, CARE MUST BE TAKEN NOT TO DISTURB THE CROP SEED OR SEEDLING BY ADJUSTING TINES OR BLADES OF THE EQUIPMENT SO THEY ARE NOT DIRECTLY OVER THE DRILL ROW.

PLANTING

DO NOT PLANT SEED DEEPER THAN 2 INCHES. FOR SUTAN-ATRAZINE APPLICATION MADE BEFORE PLANTING, SEEDING 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. DO NOT USE ON CORN SEED STOCK.

5.

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SUTAN-ATRAZINE 36-12-WP

5.

RECOMMENDATIONS

DO NOT USE ON ANY TYPE CORN IN ARIZONA OR IN THE TEN SOUTHERNMOST CALIFORNIA COUNTIES (EXCEPT KERN COUNTY WHERE FIELD AND SILAGE CORN MAY BE TREATED).

NOTE: ALL DOSES 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) APPLICATION

IN THE NORTH CENTRAL, NORTHEASTERN AND MIDWESTERN CORN GROWING AREAS

APPLY AND INCORPORATE 8-1/3 TO 11-1/3 POUNDS OF SUTAN-ATRAZINE 36-12-WP PER BROADCAST ACRE. USE THE HIGHER RATE ON EXTREMELY HEAVY CLAY SOILS WITH OVER 5% ORGANIC MATTER. ON FIELDS WITH MODERATE TO HEAVY INFESTATIONS OF WILD CANE OR NUTGRASS USE THE HIGHER RATE REGARDLESS OF SOIL TEXTURE, EXCEPT ON BLOW SANDS AND THE LIGHT SANDY SOILS OF THE EASTERN COASTAL STATES. CULTIVATION IS SUGGESTED IN ADDITION TO THE SUTAN-ATRAZINE TREATMENT IN FIELDS WITH MODERATE TO HEAVY INFESTATIONS OF WILD CANE OR NUTGRASS.

IN ALL OTHER CORN GROWING AREAS

APPLY AND INCORPORATE 8-1/3 POUNDS OF SUTAN-ATRAZINE 36-12-WP PER BROADCAST ACRE. CULTIVATION IS SUGGESTED IN ADDITION TO THE SUTAN-ATRAZINE TREATMENT IN FIELDS WITH MODERATE TO HEAVY INFESTATIONS OF WILD CANE, NUTGRASS OR BUFFALOGRASS (TEXAS PANICUM).

AFTER PLANTING APPLICATION (FOR USE IN THE NORTH CENTRAL, NORTHEASTERN AND MIDWESTERN CORN GROWING AREAS ONLY.)

IF LOCAL CONDITIONS MAKE A PRE-PLANT SUTAN-ATRAZINE APPLICATION UNFEASIBLE, THE PRODUCT MAY BE APPLIED AND MIXED INTO THE SOIL AT ANY TIME AFTER PLANTING OR AFTER EMERGENCE OF THE CORN, UP TO THE THREE TO FOUR LEAF GROWTH STAGE. USE 8-1/3 POUNDS SUTAN-ATRAZINE 36-12-WP PER ACRE FOR ALL AREAS AND SOIL TYPES.

NOTE: AFTER-PLANTING APPLICATION IS NOT RECOMMENDED FOR CONTROL OF NUTGRASS, TEXAS PANICUM, OR WILD CANE. SEE "BEFORE PLANTING (PRE-PLANT) APPLICATION" FOR CONTROL OF THESE WEEDS.

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SUTAN-ATRAZINE 36-12-1P

6.

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 DEEPER THAN THE DEPTH OF THE HERBICIDE INCORPORATION.

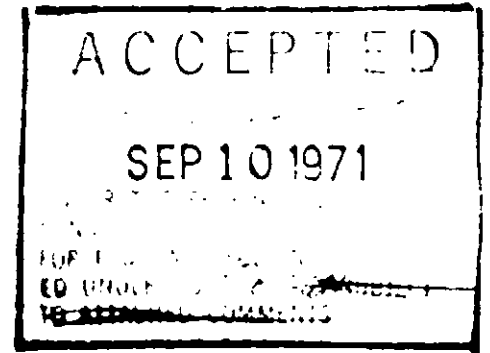
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DISPOSAL -- BURY EMPTY CONTAINER IN A SAFE PLACE
AWAY FROM WATER SUPPLIES.

476-2024

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(STAUFFER LOGO)



SUTAN^R - ATRAZINE 36-12-WP

FOR SELECTIVE WEED CONTROL IN
FIELD, SWEET, AND SILAGE CORN

ACTIVE INGREDIENTS:

S-ETHYL DIISOBUTYLTHIOCARBAMATE*	36.0%
ATRAZINE: 2-CHLORO-4-(ETHYLAMINO)-6-(ISO- PROPYLAMINO)-S-TRIAZINE**	11.4%
RELATED TRIAZINES	0.6%
<u>INERT INGREDIENTS:</u>	52.0%
	100.0%

* SUTAN - U.S. PATENT NO. 2,913,327

** ATRAZINE - U.S. PATENT NO. 2,891,855

C A U T I O N

KEEP OUT OF REACH OF CHILDREN

HARMFUL IF SWALLOWED.
AVOID CONTACT WITH SKIN AND EYES.
AVOID INHALATION OF DUST.
WASH WITH SOAP AND WATER IMMEDIATELY AFTER USE OR CONTACT.
AVOID CONTAMINATION OF FEED AND FOOD.

READ ALL LABEL DIRECTIONS BEFORE USING

EPA REG. NO. 476-2024

ARC 710818-0

MADE IN U.S.A. BY
STAUFFER CHEMICAL COMPANY
NEW YORK, NEW YORK 10017

GENERAL USE PRECAUTIONS

MAKE ONLY ONE APPLICATION PER CROP.

AFTER TREATMENT WITH SUTAN-ATRAZINE 36-12-WP DO NOT PLANT ANY CROP EXCEPT CORN UNTIL THE FOLLOWING YEAR OR INJURY MAY OCCUR.

FOLLOWING HARVEST OF THE TREATED CROP, THE SOIL SHOULD BE PLOWED AND THOROUGHLY TILLED IN THE FALL OR SPRING TO MINIMIZE POSSIBLE INJURY TO ROTATIONAL SPRING-SEEDING CROPS.

DO NOT USE ON MILO OR SORGHUM. DO NOT USE ON CORN SEED STOCK.

THIS PRODUCT IS RECOMMENDED FOR USE ON MINERAL SOILS ONLY.

APPLIED ACCORDING TO DIRECTIONS AND UNDER NORMAL GROWING CONDITIONS, THE COMBINATION 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 THE USE OF CERTAIN SOIL-APPLIED SYSTEMIC INSECTICIDES, IMPROPERLY PLACED FERTILIZERS OR SOIL INSECTICIDES, MAY CREATE ABNORMAL CONDITIONS THAT WEAKEN CROP SEEDLINGS. THE COMBINATION USED UNDER THESE ABNORMAL CONDITIONS COULD RESULT IN CROP INJURY.

CARE SHOULD BE TAKEN TO AVOID USE WHERE ADJACENT DESIRABLE TREES, SHRUBS, OR PLANTS MAY BE INJURED AS A RESULT OF THE ATRAZINE LEACHING THROUGH THE SOIL.

DO NOT STORE NEAR SEEDS OR FERTILIZERS.

DO NOT CONTAMINATE IRRIGATION WATER OR WATER USED FOR DOMESTIC PURPOSES.

KEEP CONTAINER CLOSED WHEN NOT IN USE.

DO NOT TANK MIX SUTAN-ATRAZINE 36-12-WP WITH INSECTICIDES OR FUNGICIDES.

DIRECTIONS FOR USE

SPRAY EQUIPMENT AND APPLICATION DIRECTIONS

FOR UNIFORM DISTRIBUTION TELJET 8003 OR 8004 FAN-TYPE OR SIMILAR NOZZLES WITH OPENINGS OF EQUAL OR GREATER SIZE SHOULD BE USED. SCREENS IN NOZZLES AS WELL AS THOSE IN SUCTION AND IN-LINE STRAINERS SHOULD BE NO FINER THAN 50 MESH SIZE. A SUITABLE PUMP TO DELIVER 10 TO 12 GPM SHOULD BE USED AND OPERATING PRESSURE SHOULD BE 35 TO 40 PSI. PRE-MIX THE PRODUCT OR ADD TO THE SPRAY TANK DURING FILLING. THE SPRAYING EQUIPMENT SHOULD BE PROPERLY CALIBRATED TO DELIVER THE DESIRED RATE IN 10 TO 50 GALLONS OF WATER PER ACRE. SUFFICIENT AGITATION SHOULD BE MAINTAINED TO KEEP THE PRODUCT IN SUSPENSION. CHECK FREQUENTLY DURING APPLICATION TO BE SURE NOZZLES ARE FREE FROM CLOGGING AND ARE DELIVERING A UNIFORM SPRAY PATTERN. WASH SPRAYER THOROUGHLY AFTER USE WITH CLEAN WATER.

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WEEDS CONTROLLED

THIS PRODUCT WILL NOT CONTROL ESTABLISHED WEEDS.

ANNUAL GRASSES

- BARNYARDGRASS (~~ECHINOCHLOA CRUSGALLI~~)
- CRABGRASS (~~DIGITARIA SP.~~)
- FALL PANICUM (~~PANICUM NOTOMIFLORUM~~)
- GIANT FOXTAIL (~~SETARIA FABERII~~)
- GOOSEGRASS (~~ELEusine INDICA~~)
- GREEN FOXTAIL (~~SETARIA VIRIDIS~~)
- SEEDLING BERMUDAGRASS (~~CYNODON DACTYLON~~)
- SEEDLING JOHNSONGRASS (~~SORGHUM HALPENSE~~)
- WILD CANE (~~SORGHUM BICOLOR~~)
- WILD OATS (~~AVENA FATUA~~)
- WITCHGRASS (~~PANICUM CAPILLARE~~)
- YELLOW FOXTAIL (~~SETARIA GLAUCA~~)
- *TEXAS PANICUM; BUFFALOGRASS - COLORADAGRASS (R. TEXANUM)

*CULTIVATION IS SUGGESTED IN ADDITION TO THE SUTAH-ATRAZINE TREATMENT IN FIELDS WITH A HEAVY INFESTATION OF WILD CANE OR BUFFALOGRASS (TEXAS PANICUM).

ANNUAL BROADLEAF WEEDS

- ANNUAL MORNINGGLORY (~~IPOMOEA PURPUREA~~)
- *CARPETWEED (~~MOLLIS VERTEICILLATA~~)
- *COCKLEBUR (COMMON) (~~XANTHIUM PENNSYLVANICUM~~)
- *JIMSONWEED (~~DATURA STRAMONTIUM~~)
- LAMBSQUARTERS (~~CHEMOPEDIUM ALBUM~~)
- MUSTARDS (~~BRASSICA SPP.~~)
- NIGHTSHADE (~~SOLANUM SPP.~~)
- *COMMON PURSLANE (~~PORTULACA OLERACEA~~)
- *RAGWEED (~~AMBROSIA SPP.~~)
- *REDROOT PIGWEED (~~AMARANTHUS RETO. EXUS~~)
- *PROSTRATE PIGWEED (~~AMARANTHUS TRIPARTITUS~~)
- *SMOOTH PIGWEED (~~AMARANTHUS HYBRIDUS~~)
- *SMARTWEED (~~POLYGONUM SPP.~~)
- VELVETLEAF (~~ABUTILON THEOPHRASTI~~)
- *FLORIDA PURSLANE (~~RICHARDIA SCARPA~~)

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 THE SUTAH-ATRAZINE TREATMENT IN FIELDS WITH MODERATE OR HEAVY NUTGRASS INFESTATIONS.

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