

PM 25
476-2103

6901

(Stauffer Shield)

SUTAZINE®+ 13-6.G Selective Herbicide
Granules

For Selective Weed Control in Field,
Sweet, and Silage Corn

ACCEPTED
NOV 1 0 1987
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 476-2103

ACTIVE INGREDIENTS:

S-ethyl diisobutylthiocarbamate	18.0%
Atrazine: 2-chloro-4-(ethylamino)-6- (isopropylamino)-S-triazine	5.7%
Related triazines	0.3%

<u>INERT INGREDIENTS:</u>	76.0%
	<u>100.0%</u>

Contains 24 pounds of active ingredients per 100 pounds.

KEEP OUT OF REACH OF CHILDREN

C A U T I O N

STATEMENT OF PRACTICAL TREATMENT

If a known exposure occurs or is suspected, immediately start the procedures given below. If further treatment is required, contact a Poison Center, a physician, or the nearest hospital.

If swallowed, immediately give several glasses of water and induce vomiting by gagging the victim with a finger placed on the back of the victim's tongue. Give fluids until vomitus is clear. If victim is unconscious or convulsing, do not induce vomiting or give anything by mouth.

For skin contact, flush all affected areas with plenty of water for several minutes. Remove and clean contaminated clothing and shoes before reuse. Seek medical attention if irritation occurs.

For eye contact, hold eyelids apart and flush with plenty of water for 15 minutes. Seek medical attention if irritation occurs.

If inhaled, remove to fresh air. Seek medical attention if respiratory irritation occurs or if breathing becomes difficult.

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2 of 9
SUTAZINE+ 18.6-G

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FOR ADDITIONAL MEDICAL INFORMATION, CALL COLLECT, STAUFFER EMERGENCY MEDICAL ASSISTANCE, (203) 226-6602 OR CHEMTREC, (800) 424-9300.

For other product information, contact your local Stauffer Chemical Company Distributor or see Product Safety Information Sheet.

READ ALL LABEL DIRECTIONS BEFORE USING

This product is sold only for uses stated on its label. No express or implied license is granted to use or sell this product under any patent in any country except as specified: Country: United States of America. Patent No. 4,021,224;4,137,070.

EPA Reg. No. 476-2103
EPA Est. 476-NB-1

RS-870825

50 LB. NET WT. 22.7 Kg

Made in U.S.A. by
STAUFFER CHEMICAL COMPANY
Westport, Ct. 06881-0850

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

HARMFUL IF SWALLOWED

Avoid contact with skin, eyes and clothing. Avoid inhalation of dust. Wash thoroughly with soap and water after use.

ENVIRONMENTAL HAZARDS: Atrazine leaches readily and accepted label rates have been found to result in contamination of water supplies by way of groundwater. Therefore, users are advised to avoid use of atrazine in well-drained soils, particularly in areas having high groundwater tables.

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water or wetlands. Runoff and drift from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

ENDANGERED SPECIES RESTRICTIONS

The following restrictions apply to use of this product after February 1, 1988.

Before using this pesticide on corn in the counties listed below, you must obtain the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES for the county in which the product is to be used. The bulletin is available from your County Extension Agent, State Fish and Game Office, or your pesticide dealer. Use of this product in a manner inconsistent with the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES is a violation of Federal laws.

ALABAMA

COLBERT, GREENE, JACKSON, LAMAR, LAUDERDALE, LIMESTONE, MADISON,
MARSHALL, MORGAN, PICKENS AND SUMTER

ARIZONA

GRAHAM, MARICOPA, MOHAVE, PIMA, PINAL AND SANTA CRUZ

ARKANSAS

BENTON, CLAY, CLARK, CROSS, LAWRENCE, LEE, POINSETTE, POLK,
RANDOLPH, SHARP AND ST. FRANCIS

CALIFORNIA

BUTTE, COLUSA, GLENN, IMPERIAL, MERCED, MODOC, RIVERSIDE,
SACRAMENTO, SOLANO, SUTTER, TEHEMA AND YOLO

FLORIDA

BROWARD, DADE, GLADES, AND PALM BEACH

KENTUCKY

BALLARD, BUTLER, EDMUNDSON, GREEN, HART, JACKSON, LAUREL,
LIVINGSTON, MARSHALL, McCracken, McCreary, PULASKI, ROCKCASTLE,
TAYLOR, WARREN AND WAYNE

MISSISSIPPI

CLAIBORNE, COPIAH, HINDS, ITAWAMBA, LOWNDES, MONROW AND NOXUBEE

MISSOURI

BARRY, BENTON, CAMDEN, CHRISTIAN, DALLAS, GREENE, HICKORY,
JASPER, LAWRENCE, MILLER, NEWTON, OSAGE, POLK, ST. CLAIR,
STONE AND WEBSTER

NEVADA

CLARK

NEW MEXICO

CHAVESS, DEBACA AND EDDY

NORTH CAROLINA

EDGECOMBE, NASH AND PITT

OHIO

PICKAWAY

OKLAHOMA

DELAWARE, MCCURTAIN AND PUSHMATAHA

OREGON

LAKE

TENNESSEE

BEDDFORD, BLOUNT, CLAIBORNE, DECATUR, FRANKLIN, HANCOCK,
HARDIN, HICKMAN, KNOX, LAWRENCE, LINCOLN, LOUDON, MARSHALL,
MAURY, MEIGS, MONROE, RHEA, ROANE, SCOTT, SEQUATCHIE, SMITH,
SULLIVAN AND WAYNE

TEXAS

RASTROP, BURLESON, COMAL, HARRIS, HAYS, JEFF DAVIS, PECOS AND
REEVES

UTAH

UTAH AND WASHINGTON

VIRGINIA

LEE, RUSSELL, SCOTT, SMYTH, TAZEWELL, WASHINGTON AND WISE

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GENERAL USE PRECAUTIONS

Read all label directions before using. Apply this product as specified on this label.

Make only one application per crop.

After treatment with Sutazine+ 18-6.G do not plant any crop except corn the following year or injury may occur.

Do not use on milo or sorghum. Do not use on corn seed stock (Breeders, Foundation, or Increase). SUTAZINE+ 18-6.G may be used on Production seed corn.

This product is recommended for use on mineral soils only.

Applied according to directions and under normal growing conditions, SUTAZINE+ 18-6.G 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. SUTAZINE+ 18-6.G 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 product leaching through the soil.

Do not contaminate food or feed.

Do not store near seeds, fertilizers, or foodstuffs.

Do not contaminate irrigation water or water used for domestic purposes.

WEEDS CONTROLLED

This product will not control established weeds.

Annual Grasses

- Barnyardgrass (Echinochloa crusgalli)
- Crabgrass (Digitaria spp.)
- Fall Panicum (Panicum dichotomiflorum)
- Giant Foxtail (Setaria faberii)
- Goosegrass (Eleusine indica)
- Green Foxtail (Setaria viridis)
- Seedling Bermudagrass (Cynodon dactylon)
- Seedling Johnsongrass (Sorghum halepense)
- *Wild Cane (Sorghum bicolor)
- Wild Oats (Avena fatua)
- Witchgrass (Panicum capillare)
- Yellow Foxtail (Setaria glauca)
- *Texas Panicum; Buffalograss - Coloradograss (P. Texanum)

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*Cultivation is suggested in addition to the SUTAZINE+ 18-6.G treatment in fields with heavy infestation of wild cane or buffalograss (Texas panicum).

Annual Broadleaf Weeds

Annual Morningglory (Ipomoea purpurea)
Carpetweed (Mollugo verticillata)
Cocklebur (Common) (Xanthium pensylvanicum)
Jimsonweed (Datura stramonium)
Lambsquarters (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)
Florida 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 the SUTAZINE+ 18-6.G treatment in fields with moderate to heavy nutgrass infestations.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

SUTAZINE+ 18-6.G is a selective herbicide which is mixed (incorporated) into the soil for control of weeds listed on this label by interfering with normal germination and seedling development. It does not control established weeds. All weed growth and crop stubble should be thoroughly worked into the soil before treatment.

APPLICATION DIRECTIONS

Apply only to well-worked soil that is dry enough to permit thorough mixing with incorporation equipment. Uniformly apply the recommended rate of SUTAZINE+ 18-6.G using equipment designed for application of granular herbicides. Equipment should be carefully calibrated before use and checked frequently during application to be sure it

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is working properly and delivering a uniform distribution pattern. Avoid overlaps that will increase dosage above recommended rates as plant injury may occur.

In irrigated areas, do not apply before pre-irrigation.

INCORPORATION DIRECTIONS

SUTAZINE+ 18-6.G must be incorporated into the soil after application to prevent loss of the Butylate. Whenever possible, application and incorporation should be done in the same operation. When application and incorporation are done in separate operations, SUTAZINE+ 18-6.G must be incorporated on the same day as applied. Application must be made on a dry soil surface (at least 1/2 inch deep) free from dew and incidental moisture.

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.

PLANTING

Do not plant seed deeper than 2 inches. For SUTAZINE+ 18-6.G application made before planting, seeding can be done immediately, or it may be delayed up to 2 weeks. To avoid removing SUTAZINE+ 18-6.G 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.

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.

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BEFORE PLANTING (PRE-PLANT) APPLICATIONIn The North Central, Northeastern And Midwestern Corn Growing Areas

Apply and incorporate 16-2/3 to 22-2/3 pounds of SUTAZINE+ 18-6.G per broadcast acre. Use the higher rate on extremely heavy soils (fine textured-clay) 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 soils (coarse textured-sandy) of the Eastern Coastal States. Cultivation is suggested in addition to the SUTAZINE+ 18-6.G treatment in fields with moderate to heavy infestations of wild cane or nutgrass.

In All Other Corn Growing Areas

Apply and incorporate 16-2/3 pounds of SUTAZINE+ 18-6.G per broadcast acre. Cultivation is suggested in addition to the SUTAZINE+ 18-6.G treatment in fields with moderate to heavy infestations of wild cane, nutgrass or buffalograss (Texas panicum).

AFTER PLANTING APPLICATION Note: Recommended in the following states only -- North and South Dakota, Nebraska, Kansas, Minnesota and Iowa.

~~If local conditions in the above-named states make preplant SUTAZINE+ 18-6.G application unfeasible, the product may be applied and mixed into the soil at any time after planting before emergence of corn.~~
Apply and incorporate 16-2/3 pounds SUTAZINE+ 18-6.G per broadcast acre. For band applications, use standard planter attached equipment designed for band application of granular herbicides. Normally, application and incorporation are done in the same operation using equipment that attaches to the back of the applicator, i.e., row wheels, vibro tillers and similar equipment. Incorporate to a depth of 1 to 1-1/2 inches. A rotary hoe can also be used set to cut to a depth of 1-1/2 inches operated at 6 to 8 mph.

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.

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.

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STORAGE AND DISPOSAL

1. PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
2. STORAGE: Keep container closed when not in use. Do not store near seeds, fertilizers, or foodstuffs.
3. PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
4. CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

NOTICE - READ CAREFULLYCONDITIONS OF SALE

Stauffer (and seller) offer(s) this product for sale subject to, and buyer and all users are deemed to have accepted, the following conditions of sale and warranty which may only be varied by written agreement of a duly authorized representative of Stauffer.

WARRANTY LIMITATION

Stauffer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use on the label subject to the inherent risks referred to below. Stauffer makes no other express warranties; THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY and there are no warranties which extend beyond the description on the label hereof.

INHERENT RISKS

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks associated with use. Buyer assumes all risks associated with use or application of this product contrary to label instructions or resulting from extraordinary weather conditions.

LIMITATION OF LIABILITY

In no case shall Stauffer be liable for special, indirect, or consequential damages resulting from the use or handling of this product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which such damages are claimed.

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