

(STAPLER EVIDENCE)

STAFFER

A SELECTIVE HERBICIDE

CONTAINS 15 POUNDS ACTIVE INGREDIENT PER GALLON

ACTIVE INGREDIENT

S-PROPYL BUTYLETHYLTHIOCARBAMATE 15.0%

INERT INGREDIENTS 85.0%

100.0%

U.S. PATENT NOS. 3,175,897 AND 3,185,720

C A U T I O N

KEEP OUT OF REACH OF CHILDREN

HARMFUL IF SWALLOWED.
AVOID CONTACT WITH SKIN, EYES,
AND CLOTHING.
WASH THOROUGHLY AFTER USE.
DO NOT CONTAMINATE FOOD AND FEED.

ACCEPTED
MAY 11 1966
FEDERAL BUREAU OF INVESTIGATION
U.S. DEPARTMENT OF JUSTICE
110-1616

NET CONTENTS _____ POUNDS

READ ALL LABEL DIRECTIONS BEFORE USING

MADE IN U.S.A. BY

STAFFER CHEMICAL COMPANY

NEW YORK, NEW YORK 10017

TILLAM 10G -- EASTERN TEXT

WEEDS CONTROLLED

ANNUAL GRASSES:

CRASSGRASS (DIGITARIA spp.)
FOXTAILS - YELLOW, GIANT, GREEN (SETARIA spp.)
BARNYARDGRASS (WATERGRASS) (ECHINOCHLOA spp.)
WILD OATS (AVENA FATUA)
MILLET (SETARIA spp.)

ANNUAL BROADLEAF WEEDS:

DEADNETTLE; HENBIT (LAMIUM AMPLEXICAULE)
LAVBSQUARTERS (CHENOPodium ALBUM)
COMMON PURSLANE (PORTULACA OLERACEA)
FLORIDA PURSLANE (RICHARDIA SCARPA)
REDROOT PIGWEED (A. RETROFLEXUS)
PROSTRATE PIGWEED (A. GRAECIZANS)
HAIRY NIGHTSHADE (SOLANUM VILLOSUM)
NETTLELEAF GOOSEFOOT (CHENOPodium RUBRALE)
BLACK-EYED-SUSAN; SWEET SUZY (RUDBECKIA SEROTINA)

THE ABOVE BROADLEAF WEEDS WILL BE CONTROLLED ONLY WHEN TILLAM IS APPLIED WHEN CONDITIONS ARE FAVORABLE FOR GERMINATION.

PERENNIAL WEEDS:

YELLOW NUTSEDGE (YELLOW NUTGRASS) (CYPERUS ESCULENTUS)
PURPLE NUTSEDGE (PURPLE NUTGRASS) (CYPERUS ROTUNDUS)

EXISTING STANDS OF NUTGRASS MUST BE TURNED UNDER AND CHOPPED UP THOROUGHLY BEFORE TREATMENT.

GENERAL USE PRECAUTIONS

TILLAM SHOULD BE USED ONLY FOR RECOMMENDED PURPOSES AND AT RECOMMENDED RATES (DO NOT OVERDOSE).

APPLIED ACCORDING TO DIRECTIONS AND UNDER NORMAL GROWING CONDITIONS, TILLAM WILL NOT HARM THE TREATED CROP. DURING GERMINATION AND EARLY GROWTH, EXTENDED PERIODS OF UNUSUALLY COOL AND WET OR HOT AND DRY WEATHER, INSECT, NEMATODE, OR PLANT DISEASE ATTACK, THE USE OF CERTAIN SOIL APPLIED SYSTEMIC INSECTICIDES, HIGHLY SALINE OR ALKALINE SOIL CONDITION, IMPROPERLY PLACED FERTILIZERS OR SOIL INSECTICIDES MAY CREATE ABNORMAL CONDITIONS THAT HARMEN CROP SEEDLINGS. TILLAM USED UNDER THESE ABNORMAL CONDITIONS COULD RESULT IN CROP INJURY.

- DO NOT APPLY IN COMBINATION WITH FERTILIZER, INSECTICIDE OR FUNGICIDE.
- DO NOT STORE NEAR SEEDS OR FERTILIZERS.
- DO NOT CONTAMINATE IRRIGATION WATER OR WATER USED FOR DOMESTIC PURPOSES.

DIRECTIONS FOR USE OF TILLAM

TILLAM IS A SELECTIVE HERBICIDE WHICH IS MIXED (INCORPORATED) INTO THE SOIL FOR CONTROL OF WEEDS LISTED ON THIS LABEL. TILLAM CONTROLS WEEDS BY INTERFERING WITH NORMAL SEED 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 UNIFORMLY THE RECOMMENDED RATE OF TILLAM USING EQUIPMENT DESIGNED FOR APPLICATION OF GRANULAR HERBICIDES. EQUIPMENT SHOULD BE CAREFULLY CALIBRATED BEFORE USE AND CHECKED FREQUENTLY DURING APPLICATION TO BE SURE EQUIPMENT IS WORKING PROPERLY AND DELIVERING A UNIFORM DISTRIBUTION PATTERN. AVOID OVERLAPS THAT WILL INCREASE TILLAM DOSAGE ABOVE RECOMMENDED RATES AS PLANT INJURY MAY OCCUR. APPLY ONLY TO WELL-WORKED SOIL THAT IS DRY ENOUGH TO PERMIT GOOD SOIL MIXING (INCORPORATION). IN IRRIGATED AREAS, DO NOT APPLY TILLAM BEFORE PRE-IRRIGATION.

FOR ALL BAND APPLICATIONS, REDUCE DOSAGE PROPORTIONATELY DEPENDING UPON ROW SPACING AND BAND WIDTH. DO NOT USE BAND APPLICATION ON ROCKY GROUND BECAUSE THOROUGH INCORPORATION IS NOT POSSIBLE.

INCORPORATION DIRECTIONS: TILLAM MUST BE MIXED (INCORPORATED) INTO THE SOIL IMMEDIATELY AFTER APPLICATION TO PREVENT LOSS BY EVAPORATION OF THE HERBICIDE. WHENEVER POSSIBLE, APPLICATION AND INCORPORATION SHOULD BE DONE IN THE SAME OPERATION.

INCORPORATION BEFORE PLANTING: USE POWER-DRIVEN CULTIVATION EQUIPMENT SET TO CUT TO A DEPTH OF 2 TO 3 INCHES IN LIGHT SOILS AND 3 TO 4 INCHES IN HEAVY SOILS. ON TANDUM DISCS SET TO CUT TO A DEPTH OF 6 INCHES, FOLLOWED BY A SPIKE-TOOTHED HARROW OR SOME OTHER LEVELING DEVICE WHICH EXTENDS BEYOND ENDS OF THE DISC. FOR THOROUGH MIXING, DISC IN TWO DIFFERENT DIRECTIONS (CROSS DISC).

FOR MAXIMUM WEED CONTROL BENEFITS, CROPS SHOULD BE PLANTED OR SEEDS IMMEDIATELY AFTER APPLICATION. DO NOT USE A DRAG BEHIND THE PLANTER AS IT MAY CONCENTRATE TILLAGE OVER THE SEED ROW AND CAUSE CROP INJURY.

CULTIVATION PRACTICES FOLLOWING APPLICATION

TILLAGE IS NOT PERSISTENT IN THE SOIL AND SUSCEPTIBLE WEEDS GERMINATING LATE IN THE SEASON MAY NOT BE CONTROLLED. SHALLOW CULTIVATION OR APPROVED POST EMERGENCE HERBICIDES MAY BE NECESSARY TO CONTROL THESE SUSCEPTIBLE WEEDS THAT ESCAPE CONTROL BY TILLAGE AS WELL AS THOSE WEEDS NOT SUSCEPTIBLE TO TILLAGE. DO NOT CULTIVATE DEEPER THAN THE DEPTH OF HERBICIDE INCORPORATION. WHEN CULTIVATING FIELDS WHERE TILLAGE HAS BEEN BANDED IN THE ROW, USE SHIELDS TO PREVENT THE MOVEMENT OF UNTREATED SOIL INTO THE TREATED ROW.

FOR THE BEST RESULTS, APPLY POST PRIOR TO PLANTING. SEE DIRECTIONS FOR WEED CONTROL METHODS OF APPLICATION AND INCORPORATION. RECOMMENDED RATES ARE AS FOLLOWS:

- POST PRIOR TO PLANTING: APPLY 40 LBS TILLAGE 100 PER ACRE.
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FOR THE BEST RESULTS, APPLY POST PRIOR TO PLANTING. SEE DIRECTIONS FOR WEED CONTROL METHODS OF APPLICATION AND INCORPORATION. RECOMMENDED RATES ARE AS FOLLOWS:

APPLY TILLAGE 100 TO SOILS WITH A BROADCAST RATE OF 40 LBS PER ACRE PRIOR TO TRANSPLANTING, REDUCING RATES PROPORTIONATELY DEPENDING UPON BAND WIDTH AND ROW SPACING. INCORPORATE IMMEDIATELY, USING A POWER-DRIVEN ROTARY HOE WITH VARIABLE LENGTH BLADES (18" OR ONE WITH SHORT BLADES ON THE INSIDE AND LONGER BLADES ON THE OUTSIDE), BED LEVELERS, IF USED, SHOULD BE KEPT SHALLOW, AS EXCESSIVE REMOVAL OF TREATED SOIL WILL DESTROY WEED CONTROL.

TOBACCO, LIGHT AIR CURED: INCLUDES TYPE 31 (BURLEY) AND TYPE 32 TOBACCO

BEFORE TRANSPLANTING: APPLY TILLAGE 100 BROADCAST AT 40 LBS PER ACRE, INCORPORATE IMMEDIATELY, ONLY WITH A TANDER DISC ON FLAT GROUND FOLLOWED BY TRANSPLANTING. FOR BAND TREATMENT, REDUCE RATES PROPORTIONATELY DEPENDING UPON BAND WIDTH AND ROW SPACING, INCORPORATE IMMEDIATELY, USING A POWER-DRIVEN ROTARY HOE.

TOBACCO: SEE DIRECTIONS FOR USE FOR METHODS OF APPLICATION AND INCORPORATION.

DIRECT SEEDED, PRE-PLANT:

APPLY TILLAGE 100 JUST PRIOR TO PLANTING.

FOR LIGHT TEXTURED SOILS AND SOILS WITH LESS THAN 10% ORGANIC MATTER, APPLY 40 LBS TILLAGE 100 PER ACRE.

FOR HEAVY TEXTURED SOILS AND SOILS WITH MORE THAN 10% ORGANIC MATTER, APPLY 60 LBS TILLAGE 100 PER ACRE.

OR

BEFORE SEEDING, PLANT:

APPLY TILLAGE 100 TO SOILS CULTIVATED SOILS, DO NOT APPLY WITHIN 100 DAYS OF HARVEST.

FOR LIGHT TEXTURED SOILS AND SOILS WITH LESS THAN 10% ORGANIC MATTER, APPLY 40 LBS TILLAGE 100 PER ACRE.

FOR HEAVY TEXTURED SOILS AND SOILS WITH MORE THAN 10% ORGANIC MATTER, APPLY 60 LBS TILLAGE 100 PER ACRE.

TOMATO TRANSPLANTING (WITH OR WITHOUT HOTCAPS):

BEFORE TRANSPLANTING - APPLY TILLAM 10G PRIOR TO TRANSPLANTING.
HOTCAPS SHOULD BE VENTED.

AFTER TRANSPLANTING - APPLY TILLAM 10G TO CLEAN CULTIVATED
SOIL. DO NOT APPLY WITHIN EIGHT (8) DAYS OF HARVEST.

FOR LIGHT TEXTURED SOILS AND SOILS WITH LESS THAN 10% ORGANIC
MATTER, APPLY 40 LBS TILLAM 10G PER ACRE.

FOR HEAVY TEXTURED SOILS AND SOILS WITH MORE THAN 10% ORGANIC
MATTER, APPLY 60 LBS TILLAM 10G PER ACRE.

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.

BURN EMPTY BAG -- KEEP OUT OF SMOKE

USDA REGISTRATION NO. 476-1616

ARC 701026
(EASTERN)

TILLAM 106 -- WESTERN TEXT

WEEDS CONTROLLED

ANNUAL GRASSES:

- COMMON WHEAT (*Triticum aestivum* L.)
- FOXTAIL (*Setaria verticillata* (L.) Gaertn.)
- PARRY WHEAT (*Triticum spaldingii* (Nutt.) Link.)
- WILD OAT (*Avena fatua* L.)
- MILLET (*Pennisetum spp.*)
- GREEN (*Setaria spp.*)
- ECHELON (*Echinochloa spp.*)

(*EXCEPT CALIFORNIA)

ANNUAL BROODLEAF WEEDS:

- DEARBROTHER (*Geranium robertianum* L.)
- LAVENDER WORTERS (*Origanum onites* L.)
- COMMON PURSLANE (*Portulaca oleracea*)
- FLORIDA PURSLANE (*Portulaca sp.*)
- REDROOT PIGWEED (*A. retrofractum*)
- PROSTRATE PIGWEED (*A. serotinum*)
- HAIRY NIGHTSHADE (*Solanum elaeagnifolium*)
- WITTELLEERE SOSEFOOT (*Chenopodium murale*)
- BLACK-EYED-SUSAN SWEET SUZY (*Rudbeckia serotina*)

THE ABOVE BROODLEAF WEEDS WILL BE CONTROLLED ONLY WHEN TILLAM IS APPLIED WHEN CONDITIONS ARE FAVORABLE FOR GERMINATION.

PERENNIAL WEEDS:

- YELLOW NUTSEED (*Xanthoxylum*)
- PURPLE NUTSEED (*Lotus corniculatus*)
- (*Cyperus rotundus*)

EXISTING STANDS OF NUTGRASS MUST BE TURNED UNDER AND CHOPPED UP THOROUGHLY BEFORE TREATMENT.

GENERAL USE DIRECTIONS

TILLAM SHOULD BE USED ONLY FOR RECOMMENDED PURPOSES AND AT RECOMMENDED RATES (DO NOT OVERDOSE).

APP LIED ACCORDING TO DIRECTIONS AND UNDER THE FOLLOWING CONDITIONS: TILLAM WILL NOT HAVE THE TREATING EFFECT DURING GERMINATION AND EARLY GROWTH. EARLY WEEDS OF UNDESIRABLE SPECIES AND WEEDS ON HOT AND DRY TERRAINS, ESPECIALLY IN AREAS OF PAVEMENT, SHOULD BE TREATED AT ONCE. CERTAIN WILD APPLIED SYSTEMS ARE NOT ADVISED, HIGHLY SALINE OR ALKALINE SOILS, AND WINDY CONDITIONS. PLAGUE WEEDS AND OTHER WEEDS MAY GROW UNDER THESE CONDITIONS THAT RESIST TILLAM. TILLAM USED UNDER THESE UNDESIRABLE CONDITIONS SHOULD RESULT IN CROP INJURY.

DO NOT APPLY IN COMBINATION WITH FERTILIZER, INSECTICIDE OR FUNGICIDE.

DO NOT STORE NEAR SEEDS OR FERTILIZERS.

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

DIRECTIONS FOR USE OF TILLAM

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APPLICATION DIRECTIONS: APPLY UNIFORMLY THE RECOMMENDED RATE OF TILLAM USING EQUIPMENT DESIGNED FOR APPLICATION OF GRANULAR HERBICIDES. EQUIPMENT SHOULD BE CAREFULLY CALIBRATED BEFORE USE AND CHECKED FREQUENTLY DURING APPLICATION TO BE SURE EQUIPMENT IS WORKING PROPERLY AND DELIVERING A UNIFORM DISTRIBUTION PATTERN. AVOID OVERLAPS THAT WILL INCREASE TILLAM DOSAGE ABOVE RECOMMENDED RATES AS PLANT INJURY MAY OCCUR. APPLY ONLY TO WELL-WORKED SOIL THAT IS DRY ENOUGH TO PERMIT GOOD SOIL MIXING (INCORPORATION).

IN IRRIGATED AREAS, DO NOT APPLY TILLAM BEFORE PRE-IRRIGATION.

FOR ALL BAND APPLICATIONS, REDUCE DOSAGE PROPORTIONATELY DEPENDING UPON ROW SPACING AND BAND WIDTH. DO NOT USE BAND APPLICATION ON ROCKY GROUND BECAUSE THOROUGH INCORPORATION IS NOT POSSIBLE.

INCORPORATION DIRECTIONS: TILLAM MUST BE MIXED (INCORPORATED) INTO THE SOIL IMMEDIATELY AFTER APPLICATION TO PREVENT LOSS BY EVAPORATION OF THE HERBICIDE. WHENEVER POSSIBLE, APPLICATION AND INCORPORATION SHOULD BE DONE IN THE SAME OPERATION.

INCORPORATION BEFORE PLANTING: USE POWER-DRIVEN CULTIVATION EQUIPMENT SET TO CUT TO A DEPTH OF 2 TO 3 INCHES IN LIGHT SOILS AND 3 TO 4 INCHES IN HEAVY SOILS, OR TANDEM DISCS SET TO CUT TO A DEPTH OF 3 INCHES, FOLLOWED BY A CRIPPLED HARROW OR SOME OTHER LEVELING DEVICE WHICH EXTENDS BEYOND ENDS OF THE DISC. FOR THOROUGH MIXING, DISC IN TWO DIFFERENT DIRECTIONS (CROSS DISC).

INSTRUCTIONS FOR USE FOR METHODS OF APPLICATION AND INCORPORATION

PREPARATION OF TILLAM 100

1. TILLAM 100 MUST BE KEPT IN ORIGINAL CONTAINER.

2. TILLAM 100 IS A LIQUID AND MUST BE KEPT IN ORIGINAL CONTAINER TO PREVENT LOSS OF ORGANIC MATTER. APPLY TO THE TILLAM 100 PER ACRE.

3. FOR HEAVY TEXTURED SOILS AND SOILS WITH MORE THAN 10% ORGANIC MATTER, APPLY 50 LBS TILLAM 100 PER ACRE.

PREPARATION OF TILLAM 100

APPLY TILLAM 100 TO CLEAN, CULTIVATED SOILS. DO NOT APPLY WITHIN EIGHT (8) DAYS OF HARVEST.

FOR LIGHT TEXTURED SOILS AND SOILS WITH LESS THAN 10% ORGANIC MATTER, APPLY 50 LBS TILLAM 100 PER ACRE.

FOR HEAVY TEXTURED SOILS AND SOILS WITH MORE THAN 10% ORGANIC MATTER, APPLY 50 LBS TILLAM 100 PER ACRE.

PREPARATION OF TILLAM 100 FOR TRANSPLANTING

APPLY TILLAM 100 TO THE SOIL PRIOR TO TRANSPLANTING. NOTARMS SHOULD BE VENTED.

APPLY TILLAM 100 TO CLEAN, CULTIVATED SOILS. DO NOT APPLY WITHIN EIGHT (8) DAYS OF HARVEST.

FOR LIGHT TEXTURED SOILS AND SOILS WITH LESS THAN 10% ORGANIC MATTER, APPLY 50 LBS TILLAM 100 PER ACRE.

FOR HEAVY TEXTURED SOILS AND SOILS WITH MORE THAN 10% ORGANIC MATTER, APPLY 50 LBS TILLAM 100 PER ACRE.

DO NOT APPLY TILLAM 100 TO SOILS THAT ARE CONTAMINATED WITH PESTICIDES OR OTHER TOXIC MATERIALS. IF SUCH MATERIALS ARE CONTAINED ON STORAGE CONTAINERS...

DO NOT APPLY TILLAM 100 TO SOILS THAT ARE CONTAMINATED WITH PESTICIDES OR OTHER TOXIC MATERIALS.

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