

2 1996

Mr. Wayne R. Hillebrecht  
Zeneca AG Products  
P.O. Box 751  
Wilmington, DE 19897

Subject: EPTAM 7-E Selective Herbicide  
EPTAM 6-E Selective Herbicide  
EPTAM 20-G Selective Herbicide  
EPTAM 10-G Selective Herbicide  
EPTAM 5-G Selective Herbicide

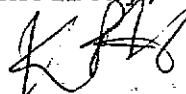
EPA Reg. No.(s) 10182-220, 10182-152, 10182-199,  
10182-160, and 10182-155  
RE: Use Deletions.  
Your submissions dated January 16, 1995.

Dear Mr. Hillebrecht:

The above mentioned application submitted in connection with registration under FIFRA is acceptable.

A stamped copy is enclosed for your records.

Sincerely,



Robert J. Taylor  
Product Manager (25)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

*Note: New letter was inserted - add Reg. No. on all labels*

CONCURRENCES

SYMBOL	7505						
SURNAME	AdS						
DATE	3/22/96						

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EPA Reg. No.(s) 10182-220, 10182-152, 10182-199,  
10182-160, and 10182-155

RE: Use Deletions.  
Your submissions dated January 16, 1995.

Dear Mr. Hillebrecht:

The above mentioned application submitted in connection with registration under FIFRA is acceptable. Please make sure that each label has the EPA Regulatory number on the front page.

A stamped copy is enclosed for your records.

Sincerely,

Robert J. Taylor  
Product Manager (25)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

3/10

ACCEPTED  
w/ comments  
MAR 22 1968  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 10182-155

RECEIVED

(STAUFFER SHIELD)

NOV 2 1968

Labelina &

# EPTAM 5 GRANULAR

A SELECTIVE HERBICIDE  
20/40 MESH - U. S. SIEVE SERIES DESIGNATION  
(CONTAINS 5 POUNDS ACTIVE INGREDIENT PER 100 POUNDS)

## ACTIVE INGREDIENT:

S-ETHYL DIPROPYLTHIOCARBAMATE ..... 5%

INERT INGREDIENTS: ..... 95%

100%

U. S. PATENT No. 2,913,327

## CAUTION

KEEP OUT OF REACH OF CHILDREN

HARMFUL IF SWALLOWED

AVOID CONTACT WITH SKIN AND CLOTHING

WASH THOROUGHLY AFTER USE.

AVOID BREATHING DUST.

AVOID CONTAMINATION OF FEED AND FOOD.

**INSERT WORKER PROTECTION LANGUAGE - INSERT A**

READ ENTIRE LABEL BEFORE USING

NET CONTENTS \_\_\_\_\_ POUNDS

MADE IN U.S.A. BY

STAUFFER CHEMICAL COMPANY

NEW YORK, NEW YORK

# INSERT A

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## Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS:

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## User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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## ENVIRONMENTAL HAZARDS

Do not apply directly to water or to areas where surface water is present, or to intertidal areas below the mean high water mark. This product is toxic to fish. Do not contaminate water when disposing of equipment washwaters.

USE PRECAUTIONS

READ ALL LABEL DIRECTIONS BEFORE USING.

EPTAM SHOULD BE USED ONLY FOR RECOMMENDED PURPOSES AND AT RECOMMENDED RATES. (DO NOT OVER-DOSE)

APPLIED ACCORDING TO DIRECTIONS AND UNDER NORMAL GROWING CONDITIONS, EPTAM WILL NOT HARM THE TREATED CROP, DURING GERMINATION AND EARLY STAGES OF GROWTH, 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. EPTAM USED UNDER THESE ABNORMAL CONDITIONS COULD RESULT IN CROP INJURY. DO NOT APPLY IN COMBINATION WITH FERTILIZER, INSECTICIDE OR FUNGICIDE, UNLESS PREVIOUS EXPERIMENTAL USE HAS BEEN SATISFACTORY.

DO NOT STORE NEAR SEEDS OR FERTILIZERS.

USE EQUIPMENT WHICH HAS PROVEN TO INCORPORATE THOROUGHLY TO THE RECOMMENDED DEPTH.

KEEP CONTAINER CLOSED WHEN NOT IN USE.

FOR ALL USES (EXCEPT SWEET POTATOES AFTER PLANTING), EPTAM MUST BE THOROUGHLY MIXED INTO THE SOIL.

DO NOT CONTAMINATE WATER TO BE USED ON SUSCEPTIBLE CROPS OR FOR DOMESTIC PURPOSES.

DIRECTIONS FOR USE

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

## INSERT WORKER PROTECTION LANGUAGE

### INSERT B

INCORPORATION (MIXING) APPLICATION: APPLY THE RECOMMENDED RATE OF EPTAM 5G USING EQUIPMENT DESIGNED SPECIFICALLY FOR APPLICATION OF GRANULAR HERBICIDES AND INSECTICIDES TO THE SOIL. APPLY TO WELL-WORKED SOIL THAT IS DRY AT THE SURFACE AND DRY ENOUGH TO PERMIT GOOD MIXING.

EPTAM MUST BE MIXED INTO THE SOIL WITHIN MINUTES AFTER APPLICATION. WHENEVER POSSIBLE, APPLICATION AND MIXING SHOULD BE DONE IN THE SAME OPERATION. EQUIPMENT USED TO MIX EPTAM INTO THE SOIL SHOULD BE ADJUSTED TO THOROUGHLY MIX EPTAM TO A DEPTH OF TWO TO THREE INCHES FOR CONTROL OF ANNUAL GRASSES, ANNUAL BROADLEAF WEEDS AND NUTSEGE. IT MUST BE MIXED TO A DEPTH OF SIX INCHES FOR CONTROL OF QUACKGRASS AND BERMUDAGRASS. POWER-DRIVEN CULTIVATION EQUIPMENT AND TANDEM OR OFF-SET DISK CAN BE USED TO MIX EPTAM INTO THE SOIL. CROSS-DISKING IS RECOMMENDED TO INSURE THOROUGH MIXING. POWER-DRIVEN OR GROUND-DRIVEN CULTIVATION EQUIPMENT CAN BE USED TO MIX EPTAM WHEN IT IS APPLIED AFTER THE CROP HAS BEEN PLANTED OR IT HAS EMERGED. CARE SHOULD BE TAKEN NOT TO INJURE THE CROP WITH THE MIXING EQUIPMENT.

6/10  
INSERT B

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protection equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- - Coveralls
- Waterproof gloves
- Shoes plus socks

EPTAM 5 GRANULAR

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CULTURAL PRACTICES FOLLOWING APPLICATION

EPTAM IS NOT A PERSISTENT CHEMICAL IN THE SOIL, AND SUSCEPTIBLE WEEDS GERMINATING LATE IN THE SEASON MAY NOT BE CONTROLLED.

CULTIVATE TO CONTROL THOSE SUSCEPTIBLE WEEDS THAT ESCAPE CONTROL BY THE TREATMENT AS WELL AS THOSE WEEDS NOT SUSCEPTIBLE TO EPTAM.

SHOULD CULTIVATION BE DESIRABLE, CULTIVATE SHALLOW, I.E., NO DEEPER THAN THE DEPTH OF HERBICIDE INCORPORATION. WHEN CULTIVATING BAND-TREATED FIELDS, USE SHIELDS TO PREVENT THROWING UNTREATED SOIL INTO THE TREATED BAND.

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 IN STAUFFER'S LABEL.

BURN EMPTY BAG

KEEP OUT OF SMOKE

U.S.D.A. REG. NO. 476-1307

ARC 681125

EPTAM 5 GRANULAR

WEEDS CONTROLLED

EPTAM WILL NOT CONTROL ESTABLISHED WEEDS.

THE ANNUAL WEEDS LISTED BELOW WILL BE CONTROLLED ONLY IF TREATMENT IS MADE WHEN CONDITIONS ARE FAVORABLE FOR WEED GERMINATION AND GROWTH.

PERENNIAL WEEDS MUST BE TURNED UNDER AND CHOPPED UP THOROUGHLY PRIOR TO TREATMENT. QUACKGRASS AND BERMUDAGRASS MUST BE CUT UP SO THAT REMAINING PLANT PARTS ARE TWO INCHES OR LESS IN LENGTH.

ANNUAL GRASSES:

- ANNUAL BLUEGRASS (POA ANNUA)
- ANNUAL RYEGRASS (ITALIAN RYEGRASS) (LOLIUM MULTIFLORUM)
- BARNYARDGRASS (WATERGRASS) (ECHINOCHLOA SPP.)
- CORN SPURRY (SPERGULA ARVENSIS)
- CRABGRASS (DIGITARIA SPP.)
- GIANT FOXTAIL (SETARIA FABERII)
- GOOSEGRASS (ELEusine INDICA)
- GREEN FOXTAIL (SETARIA VIRIDIS)
- JOHNSONGRASS SEEDLINGS (SORGHUM HALEPENSE)
- SHATTERCANE (BLACK AMBER CANE, CHICKEN-CORN, SCATTER CANE, WILD CANE) (SORGHUM VULGARE)
- VOLUNTEER GRAINS (BARLEY, OATS AND WHEAT)
- WILD OATS (AVENA FATUA)
- YELLOW FOXTAIL (SETARIA GLAUCA)

ANNUAL BROADLEAF WEEDS:

- ANNUAL MORNINGGLORY (CALIFORNIA ONLY) (CONVULVULUS ARVENSIS)
- BLACK NIGHTSHADE (SOLANUM NIGRUM)
- COMMON CHICKWEED (STELLARIA MEDIA)
- DEADNETTLE (HENBIT) (LAMIUM AMPLEXICAULE)
- FLORIDA PURSLANE (RICHARDIA SCABRA)
- HAIRY NIGHTSHADE (SOLANUM VILLOSUM)
- LAMBSQUARTERS, COMMON (CHENOPODIUM ALBUM)
- NETTLELEAF GOOSEFOOT (CHENOPODIUM MURALE)
- PURSLANE, COMMON (PORTULACA OLERACEA)
- PROSTRATE PIGWEED (AMARANTHUS GRAECIZANS)
- RAGWEED, COMMON (MICHIGAN ONLY) (AMBROSIA ARTEMESIFOLIA)
- REDROOT PIGWEED (COMMON PIGWEED) (AMARANTHUS RETROFLEXUS)
- SANDBUR, FIELD (CENCHRUS PAUCIFLORUS)
- TUMBLE PIGWEED (AMARANTHUS ALBUS)



RECOMMENDATIONS

THESE RECOMMENDATIONS ARE GIVEN AS BROADCAST (OVERALL) RATE OF EPTAM 5G PER ACRE. FOR BAND TREATMENT, USE PROPORTIONATELY LESS MATERIAL PER ACRE DEPENDING ON THE WIDTH OF BAND TO BE TREATED AND THE CROP ROW SPACING. DO NOT USE BAND APPLICATION ON ROCKY GROUND BECAUSE THOROUGH INCORPORATION IS NOT POSSIBLE.

ALFALEA, BIRDSFOOT TREFLOIL, CLOVERS, LESPEDEZA: APPLY AND INCORPORATE 60 TO 80 POUNDS EPTAM 5G/ACRE JUST BEFORE PLANTING. TEMPORARY CROP STUNTING AND SEALING OF THE FIRST LEAVES WILL OCCUR IF CONDITIONS FOR GERMINATION AND GROWTH ARE NOT OPTIMUM. DO NOT USE EPTAM IF A GRAIN OR GRASS NURSE CROP IS TO BE PLANTED WITH THE LEGUME.

BEANS, GREEN OR DRY: DO NOT USE EPTAM ON COWPEAS (BLACK EYE PEAS, BLACK EYE BEANS), SOYBEANS, LIMA BEANS OR OTHER FLAT-PODDED BEANS EXCEPT ROMANO. APPLY AND INCORPORATE 60 POUNDS EPTAM 5G/ACRE JUST BEFORE PLANTING, OR AT THE TIME OF LAST CULTIVATION APPLY 40 TO 120 POUNDS EPTAM 5G/ACRE FOR GRASS AND BROADLEAF CONTROL; 60 TO 120 POUNDS EPTAM 5G PER ACRE FOR NUTGRASS AND JOHNSONGRASS CONTROL OR 80 TO 120 POUNDS EPTAM 5G/ACRE FOR ESTABLISHED QUACKGRASS CONTROL. (USE THE LOWER RATES ON LIGHT-TEXTURED SOILS.) IF APPLIED AT THE TIME OF LAST CULTIVATION, APPLY TO THE SOIL BEFORE BEAN PODS START TO FORM. DO NOT FEED OR PASTURE VINES TO LIVESTOCK UNTIL 45 DAYS AFTER APPLICATION. UNDER ABNORMAL WEATHER CONDITIONS, STUNTING MAY OCCUR ON GRATIOT, MICHILITE, SANILAC AND SEAWAY VARIETIES. ROTARY HOE LIGHTLY TO BREAK ANY CRUST WHICH OCCURS DURING OR SHORTLY AFTER EMERGENCE OF THE BEAN.

CONIFER NURSERY STOCK (TWO-YEAR OLD LINING OUT STOCK OF AUSTRIAN PINE, EASTERN HEMLOCK, NORWAY PINE, RED PINE, SCOTCH PINE, WHITE PINE): APPLY AND INCORPORATE 60 POUNDS OF EPTAM 5G/ACRE JUST BEFORE PLANTING OR OVER WELL-ESTABLISHED PLANTS. FOR CONTROL OF NUTSEDGE (NUTGRASS) AND QUACKGRASS, APPLY 120 POUNDS PER ACRE.

CORN (FOR CONTROL OF JOHNSONGRASS SEEDLINGS AND WILD CANE IN THE MIDWEST, NORTHEAST AND SOUTHEAST): PLANT CORN TO A MAXIMUM DEPTH OF 2 INCHES, AND THEN APPLY AND INCORPORATE 40 TO 60 POUNDS OF EPTAM 5G/ACRE (USE HIGHER RATE IF BROADLEAF WEEDS ARE PROBLEMS) ON MEDIUM TO HEAVY TEXTURED SOILS, OR 40 POUNDS EPTAM 5G/ACRE ON SANDY SOILS. USE ROTARY HOES TO INCORPORATE THE EPTAM TO A MAXIMUM DEPTH OF 1-1/2 INCHES. DO NOT USE LOGS, CHAINS OR TIRES FOR INCORPORATION BECAUSE THEY WILL CONCENTRATE THE TREATED SURFACE SOIL OVER THE ROW. CORN IS SUSCEPTIBLE TO INJURY FROM EPTAM. IF BAND TREATMENTS ARE MADE, SHIELDS SHOULD BE USED WHEN CULTIVATING TO KEEP UNTREATED SOIL OFF THE TREATED ROW. DO NOT USE EPTAM ON MILO, SORGHUM OR HYBRID CORN GROWN FOR SEED.

NOTE: BEFORE USING EPTAM ON A NEW VARIETY OF HYBRID CORN, TREAT A FEW ROWS ONE YEAR BEFORE TREATING AN ENTIRE FIELD THE FOLLOWING YEAR.

EPTAM 5 GRANULAR

NON-CROP USES: (FIELD MARGINS, DITCH BANKS, FENCE ROWS AND OTHER SUCH NON-CROP USES) - APPLY AND INCORPORATE 120 POUNDS OF EPTAM 5G PER ACRE AFTER CULTIVATION OR WHEN THE SOIL IS FREE OF WEED GROWTH.

POTATO, IRISH:

BEFORE PLANTING - APPLY AND INCORPORATE 60 TO 120 POUNDS OF EPTAM 5G/ACRE.

OR DRAG-OFF (COME-UP, WEEDING TIME) - APPLY AND INCORPORATE 60 TO 120 POUNDS EPTAM 5G/ACRE. THE FIELD MUST FIRST BE "DRAGGED-OFF" FOLLOWED BY EPTAM APPLICATION AND INCORPORATION. USE SPIKED-TOOTH HARROWS OR CULTIVATION EQUIPMENT FOR INCORPORATION.

OR LAY-BY - APPLY AND INCORPORATE 80 POUNDS EPTAM 5G/ACRE AFTER POTATO PLANTS HAVE EMERGED FROM THE SOIL. APPLY TO THE SOIL. DO NOT APPLY WITHIN 45 DAYS OF HARVEST. APPLY WHEN VINES ARE DRY, AND USE CLOTH DRAG TO KNOCK GRANULES OFF PLANTS.

SAFFLOWER: APPLY AND INCORPORATE 60 POUNDS OF EPTAM 5G/ACRE JUST BEFORE PLANTING.

STRAWBERRIES:

TENNESSEE - APPLY AND INCORPORATE 80 POUNDS OF EPTAM 5G/ACRE ON WELL-ESTABLISHED PLANTS. USE ROTARY TILLERS OR CULTIVATORS FOR INCORPORATION. USE ONLY ON MEDIUM TO HEAVY TEXTURED SOILS. FOR NEW BEDS: APPLY FEBRUARY TO APRIL (3 TO 4 WEEKS AFTER PLANTING), DO NOT APPLY LATER THAN FIRST BLOOM. DO NOT APPLY ON STRAWBERRIES THAT WILL BE TARPED OR MULCHED. FOR OLD BEDS: APPLY AFTER HARVEST WHEN BEDS ARE CLEAN CULTIVATED.

NEW YORK, PENNSYLVANIA, OHIO, WEST VIRGINIA, KENTUCKY - USE ON MEDIUM AND HEAVY TEXTURED SOILS ONLY. FOR NEW BEDS: APPLY 80 POUNDS EPTAM 5G/ACRE AND INCORPORATE BY USING ROTARY TILLERS OR CULTIVATORS. APPLY AFTER PLANTS HAVE DEVELOPED NEW ROOTS AND LEAVES -- A MINIMUM OF 4 WEEKS AFTER PLANTING. DO NOT APPLY LATER THAN FIRST BLOOM. DO NOT APPLY ON STRAWBERRIES THAT WILL BE TARPED OR MULCHED. FOR OLD BEDS: APPLY 80 POUNDS EPTAM 5G/ACRE AFTER HARVEST AND AFTER THE BEDS HAVE BEEN CLEAN CULTIVATED.

~~SWEET POTATO: WITHIN 2 DAYS AFTER PLANTING VINE SLIPS OR VINE CUTTINGS, APPLY 150 POUNDS EPTAM 5G/ACRE TO DRY SOIL SURFACE, BUT DO NOT INCORPORATE. IF CROP IS TO BE IRRIGATED, APPLY THE EPTAM PRIOR TO IRRIGATION. FOR USE IN SOUTHEAST REGION.~~

DELETE