

Pre-emergence: Apply during or shortly after planting prior to weed emergence at the rate indicated in the table below.

**Preplant and Pre-emergence Application
(In Eastern and Central Nebraska and Northeastern Kansas Only)**

Broadleaf and grass weed control

Soil texture	Rate per acre of Atrazine 4L		
	Broadcast In 10-40 gal of water/A	20-Inch Band [†] In 5-20 gal of water/A	13-Inch band [†] In 4-14 gal of water/A
Sand to sandy loam, eroded slopes and soils low in organic matter	Do not use		
Other soils (shallow in- corporation may improve control)	4-4 ³ / ₄ pints	2-2 ¹ / ₂ pints	1 ¹ / ₄ -1 ¹ / ₂ pints

[†] Based on 40-inch row spacing. When making band applications, reduce the broadcast rate per acre in proportion to the area treated.

Post-emergence: For the control of broadleaves and grasses, apply post-emergence applications of Atrazine 4L in no less than ten gallons of water per acre at the rate indicated in the table below. Weeds should not exceed 1¹/₂ inches in height at application.

**Post-emergence Application^{††}
(weeds should not be more than 1¹/₂ inches high)**

Weeds to be controlled and soil texture	Stage or height of sorghum at treatment	Rate per acre of Atrazine 4L		
		Broadcast In 10-40 gal of water/A	20-Inch band [†] In 5-20 gal of water/A	13-Inch band [†] In 4-14 gal of water/A
Broadleaf and grass weeds				
Sand or loamy sand		Do not use		
Sandy loam		See broadleaf weeds below		
Silt loam to sandy clay loam	Completely emerged	4-4 ³ / ₄ pints	2-2 ¹ / ₂ pints	1 ¹ / ₄ -1 ¹ / ₂ pints
Olton and Pullman clay soils	At least 6 inches high	4-4 ³ / ₄ pints	2-2 ¹ / ₂ pints	1 ¹ / ₄ -1 ¹ / ₂ pints
Silty clay loams and heavier soils	Completely emerged	6 pints	3 pints	2 pints

in
Oklahoma, New
Mexico, Texas,
West Kansas,
Colorado, and
desert regions
of Arizona and
California only

At least 6
inches high

2¹/₂ pints
plus
3/4-1¹/₂ pints
surfactant

1¹/₄ pints
plus
3/8-3/4 pint
surfactant

3/4 pints
plus
1/4-1/2 pint
surfactant

[†] Based on 40-inch row spacing.
^{††} Up to "close-in".

Post-emergence broadleaf weed control with Atrazine plus emulsifiable oil in water (New Mexico, Oklahoma, and Texas only): Apply when sorghum is 6-10 inches high and before boot stage. Treat broadleaf weeds before they reach 6 inches.

Ground Application: Broadcast 2¹/₂ pints of Atrazine and 1/2-1 gal of emulsifiable oil in 20-40 gal of water per acre.

Aerial Application: Broadcast 2¹/₂ pints of Atrazine and 1/2 gal of emulsifiable oil in no less than 5 gallons of water per acre.

PRECAUTIONS

1. Heavy rains immediately following application tend to result in excessive concentrations of herbicide in seed furrow, resulting in possible crop injury. Applications to furrow-planted sorghum should not be made until furrows are leveled (plowed-in). Deep planter marks or seed furrows should also be leveled before application.
2. Application made to sorghum growing under stress caused by minor element deficiency or to sorghum growing on highly calcareous soils may result in crop injury.
3. Do not plant any rotational crops other than those specified in the Suggestions For Rotational Crops Section below for 18 months following application.
4. Do not graze or feed forage from treated areas for 21 days following application.
5. Following harvest of a treated crop, plow (moldboard or disk-plow) and thoroughly till the soil in fall or spring to minimize possible injury to rotational spring-seeded crops, regardless of the rate used.

Suggestions For Rotational Crops:

1. Sorghum or corn may be planted the year following treatment.
2. All other rotational crops may be planted 18 months after application.
3. When the broadcast rate used does not exceed 2¹/₂ pints per acre, fall wheat may be planted 15 months after application.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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THE DOW CHEMICAL COMPANY

AND SUBSIDIARIES

MIDLAND, MICHIGAN 48640, USA ZURICH, SWITZERLAND HONG KONG, BCC
CORAL GABLES, FLORIDA 33134, USA SARNIA, ONTARIO, CANADA

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Eptam 5-G GRANULES

A selective herbicide for weed control in flowers and ornamentals. For control of annual grassy weeds and many annual broadleaf weeds.

Contains 5 pounds active ingredient per 100 pounds.

ACTIVE INGREDIENT:

S-ethyl dipropylthiocarbamate 5%

INERT INGREDIENTS:

95%

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

100.0%

CAUTION

Keep Out of Reach of Children

HARMFUL IF SWALLOWED.

Avoid contact with skin and clothing.

Wash thoroughly after use.

Avoid breathing dust.

Do not contaminate food or feed.

ACCEPTED

April 18, 1973

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. 1174-1357

OBSERVE THE FOLLOWING USE PRECAUTIONS READ ALL LABEL DIRECTIONS BEFORE USING.

EPTAM should be used only for recommended purposes and at recommended rates (do not over-dose).

EPTAM is recommended for use on mineral soils only.

For all uses, EPTAM must be thoroughly mixed into the soil.

EPTAM may cause injury to ornamentals under certain soil and climatic conditions or if directions are not followed.

Keep container closed when not in use. Do not store near seeds or fertilizers.

EPTAM CAN BE USED ON THESE ORNAMENTALS

Herbaceous Plants

Alyssum
Ageratum
Amaranthus

Asters
Balsam
Begonia

Chrysanthemum
Dahlia
Daylilies

Dianthus
Marigold
Nasturtium

Pansy
Petunia
Zinnia

Ground Covers

Ajuga
Gazania
Hypericum

Ice Plant
Ivy
Pachysandra

Periwinkle (vinca minor)
Sedum
Strawberry (ornamental)

Evergreen and Deciduous Trees and Shrubs

Berberis
Boxwood
Camellia
Chamaecyparis
Citrus (non-bearing)

Dogwood
Eunymus
Fir
Hemlock
Holly (American and Japanese)

Juniper
Leucothoe
Lilac
Linden
Magnolia

Maple
Oak
Pieris
Pine
Podocarpus

Rhododendron
Rose
Spruce
Viburnum
Yew (Taxus)

NOTE: All flowering bulbs, salvia, phlox, snapdragon and ornamental pepper are susceptible to injury from an application of EPTAM.

NOTICE: Stauffer Chemical Company makes no warranty, expressed 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.

POUNDS NET

EPA Reg. No. 476-1307 AA

Made in U.S.A. by

ARC 720112-0

(W-730129)

STAUFFER CHEMICAL COMPANY

WESTPORT, CT 06880

WEEDS CONTROLLED

EPTAM controls over 20 species of weeds and will keep a treated area virtually weed-free for an average growing season. (In semi-cold areas, more than one application may be needed.)

EPTAM will not control established weeds.

ANNUAL GRASSES:

Annual Bluegrass (*Poa annua*)
Annual Ryegrass (Italian Ryegrass) (*Lolium multiflorum*)
Barnyardgrass (Watergrass) (*Junglerice*) (*Echinochloa spp.*)
Crabgrass (*Digitaria spp.*)
Giant Foxtail (*Setaria faberii*)
Goosegrass (*Eleusine indica*)
Green Foxtail (*Setaria viridis*)
Johnsongrass Seedlings (*Sorghum halepense*)

Lovegrass (Stinkgrass) (*Eragrostis ciliaris*)
Sandbur, Field (*Conchus pauciflorus*)
Volunteer Grains (Barley, Oats, Wheat)
Wild Cane (Black Amber Cane, Chicken-Corn, Scatter-Cane, Shattercane) (*Sorghum bicolor*)
Wild-Oats (*Avena fatua*)
Yellow Foxtail (*Setaria glauca*)

ANNUAL BROADLEAF WEEDS:

Black Nightshade (*Solanum nigrum*)
Common Chickweed (*Stellaria media*)
Corn Spurry (*Spergula arvensis*)
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 gracilis*)
Ragweed, Common (Michigan Only) (*Ambrosia artemisiifolia*)
Redroot Pigweed (Common Pigweed) (*Amaranthus retroflexus*)
Tumble Pigweed (*Amaranthus albus*)

The annual broadleaf weeds listed above will be controlled only if treatment is made when conditions are favorable for weed germination and growth.

PERENNIAL WEEDS:

Bermudagrass (*Cynodon dactylon*)
Mugwort (Chrysanthemumweed) (*Artemisia vulgaris*)
Purple Nutsedge (Nutgrass) (*Cyperus rotundus*)

Quackgrass (Couchgrass, witchgrass) (*Agropyron repens*)
Yellow Nutsedge (Nutgrass) (*Cyperus esculentus*)

DIRECTIONS FOR USE

SOIL PREPARATION: The soil to be treated should be loose and free of clods. All weed growth should be removed or thoroughly worked into the soil before application.

APPLICATION: The recommended rate of EPTAM 5-G should be applied as uniformly as possible. Apply to well worked soil that is dry enough to permit thorough mixing with incorporation equipment. Use one of the following appropriate means of application:

GRANULAR HERBICIDE APPLICATORS (for nursery field application)

Equipment should be carefully calibrated before use and checked frequently during application.

HOME LAWN SPREADERS (for applying EPTAM 5-G between rows of nursery stock and small areas planted with ornamentals)

Where practical, apply half the required amount of EPTAM over the area to be treated; then apply the remainder at right angles or crosswise.

SOIL MIXING INCORPORATION: Immediately after application, thoroughly mix EPTAM into the soil to a depth of 2 to 3 inches. Mix to a depth of 6 inches for nutgrass, quackgrass, Bermudagrass and chrysanthemumweed (mugwort) control. Thorough soil mixing is necessary for good weed control. Use the following equipment or other equipment which has proven satisfactory under local conditions.

COMMERCIAL NURSERY

Pre-plant broadcast (over-all) application,
Pre-plant band application,
Post-plant application: Nursery cultivator or rototiller.

HOME GARDEN

Pre-plant application—Rototiller.
Post-plant application—For annual weed use hand rake or hoe or water in immediately after application to a depth of 2 to 3 inches. Where incorporation by hand raking is done, light watering after raking is recommended.

For perennial weeds, incorporate to a depth of 6 inches with a rototiller.

WHEN TO USE EPTAM

HERBACEOUS PLANTS AND GROUND COVERS: Apply 2 weeks after transplanting or after growth starts in the spring.

TREES AND SHRUBS: Apply 2 weeks before transplanting balled and canned stock (only) and anytime after transplanting. Around established plants apply after growth starts in the spring.

RECOMMENDATIONS

FOR ANNUAL WEED CONTROL—Use EPTAM 5-G at the rate of 100 pounds per acre (2.3 pounds per 1,000 square feet).

FOR QUACKGRASS, NUTGRASS AND BERMUDAGRASS CONTROL AROUND ESTABLISHED TREES AND SHRUBS: Existing stands of these perennial grasses must be turned under and chopped up thoroughly before treatment. Use EPTAM 5-G at the rate of 120 pounds per acre (2.75 pounds per 1,000 square feet). Mix thoroughly into the top 6 inches of soil.

FOR MUGWORT (CHRYSANTHEMUMWEED) CONTROL IN AREAS TO BE PLANTED WITH THE FOLLOWING PLANTS: Juniper, Japanese Holly, Ivy, Pachysandra, Petunias—Use 300 pounds of EPTAM 5-G per acre (7 pounds per 1,000 square feet). Mix thoroughly into the top 6 inches of soil. Apply 4 weeks before desired planting date.

SPECIALTY USE — GOLF COURSE SAND TRAPS: For control of annual grasses and broadleaf weeds use 2½ pounds EPTAM 5-G on 1,000 square feet of sand. Spread evenly with a spreader calibrated to deliver the proper amount of EPTAM granules. Rake into the sand and water lightly. For control of nutgrass use 5 pounds EPTAM 5-G on 1,000 square feet of sand. Mix into the sand to a depth of 2 to 3 inches and water lightly for 2 to 3 minutes. Repeat as needed to maintain weed control.

BURY WASTE AND EMPTY CONTAINER IN SAFE PLACE