

# ATRAZINE

ACCEPTED

PCF 10 1981

Federal Insecticide  
Fungicide and Rodenticide Act  
Registration for the pesticide  
item listed under  
EPA Reg. No. 7437-40

## 90% Dry Flowable

### Herbicide

For season-long weed control in corn and sorghum.  
For weed control in certain other crops; In noncrop areas;  
and industrial sites.

### TEN POUNDS Net Weight

Active Ingredients: Atrazine:2-chloro-4-ethylamino-6-isopropylamino-s-triazine	85.5%
Related compounds	4.5%
Inert ingredients	10.0%
Total:	100.0%

**Atrazine 90% W.D.G. Is a water dispersible granule  
KEEP OUT OF REACH OF CHILDREN**

### CAUTION

See back of bag for additional precautionary statements.

### DIRECTIONS FOR USE

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

#### SIXTY-SEVEN FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

##### Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to anticipate all risks inherent associated with the use of this product. Crop injury, ineffectiveness, or other unanticipated consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of MARZONE or the Seller. All such risks shall be assumed by the Buyer.

MARZONE retains 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 subject to the inherent risks referred to above. MARZONE MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OR FURNISHES ANY INFORMATION AS TO THE QUALITY OR INGREDIENTS OF ANY PRODUCT OR MATERIALS USED OR APPLIED OR TO THE MANUFACTURE, QUALITY, OR LENGTH OF TIME FROM THE USE OR HANDLING OF THIS PRODUCT.

MARZONE and the Seller offer this product and the Buyer and user agrees it is subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of MARZONE.

##### General Information

This herbicide controls many annual broadleaf and grass weeds in corn, sorghum, upland, lowland, and certain other crops specified on the label. It is also effective in noncrop areas and industrial sites for control of most annual and many perennial broadleaf and grass weeds. This product may be applied before or after weeds emerge.

Since this product acts mainly through root absorption, its effectiveness depends on moisture to move it into the root zone. If weeds develop, a shallow cultivation or rotary hoeing will generally result in better weed control.

This product is neither prone to volatilization nor volatilizes and has low potential volatility.

Avoid using where adjacent deciduous tree shrubs or plants might be injured.

Store in a dry place.

Where the use directions give a range of rates, use the lower rate on coarse textured soil and soil low in organic matter, use the higher rate on fine textured soil and soil high in organic matter.

For band application, calculate amount to be applied per acre as follows:

Band width in inches	Broadcast rate	amount needed
per acre	per acre	per acre of field

Note: MARZONE does not recommend applications in combination w/ other herbicides or one except as specifically described on the label or in literature published by MARZONE.

##### Mixing Procedures-AH Use

Use to herbicide application -to a minimum of 10 gal of spray mixture/A for all preplant, preemergence, and postemergence treatments (with or without air or surfactant) with ground equipment. For aerial application, apply a minimum of 1 gal of water or 1-1.5 lb applied per acre. For aerial postemergence treatments on corn and sorghum, apply recommended rate in a minimum of 2 gal of water/A.

Method: (1) On tank sprayer is clean and not contaminated with any material, or keep injury or spray damage they result. (2) Fill tank w/ hot water until water level is 10-10 inches and below weeds exceed 1-1/2 inches in height at rates of 1-1.5 lb applied per acre. (3) Attach hose or any needed A/C lines. May be never be mixed by applications with emulsifiable oil or oil concentrate. (4) Applying air or static, if desired, to nozzles. Required to 1-1.5 lb or other materials is not recommended, because they may cause cultural injury problems or crop injury. (5) Spray and handle granulated oil and concentrate carefully. Oil can penetrate soil to 1 inch. (6) Broadcast and handle granulated oil and concentrate carefully. Oil can penetrate soil to 1-1/2 inches. (7) Do not mix more than one amount of water may not smother properly when added to the tank. (8) Do not mix more than one application per sprayer nozzle as recommended for control of weeds and Canada thistle.

Precautions for applications with emulsifiable oil or oil concentrate: (1) Do not spray when oil is under stress from prolonged cold, wet weather, poor lighting, or other factors, or when crop is wet and succulent from recent rainfall, as oil injury may occur. (2) Attach hose or any needed A/C lines. May be never be mixed by applications with emulsifiable oil or oil concentrate. (3) Applying air or static, if desired, to nozzles. Required to 1-1.5 lb or other materials is not recommended, because they may cause cultural injury problems or crop injury. (4) Spray and handle granulated oil and concentrate carefully. Oil can penetrate soil to 1 inch. (5) Do not mix more than one amount of water may not smother properly when added to the tank. (6) Do not mix more than one application per sprayer nozzle as recommended for control of weeds and Canada thistle.

Care: (1) Apply only through irrigation systems containing no siphon and 1 check valve to prevent contamination of well during shutdown and over-flow of service tank. (2) Inject ahead of the right angle turn in the main line to insure adequate mixing. (3) Chemical injection pump and water pump must have interlocking controls to insure simultaneous start. (4) Application when drift may occur from windy conditions, when insect populations are moving, or when weeds are not providing uniform distribution may cause crop injury. (5) Where spray for spot-treatment patterns do not overlap sufficiently, unacceptable weed control may result. Where sprayer patterns overlap unnecessary crop injury may result.

Problems weeds:

Yellow mustard - and Canada thistle. This product will control yellow mustard (Cyperus esculentus) and Canada thistle (Cirsium heterophyllum) when applied at a level of 100 mg/l where neither weed is a problem. If yellow mustard or Canada thistle is present, it is treated at a level of 100 mg/l where neither weed is a problem. If yellow mustard or Canada thistle is present, it is treated at a level of 100 mg/l where neither weed is a problem.

Other alternative methods of use for control of yellow mustard and Canada thistle are listed below in order of preference. If either weed species, including annual grasses, are also present, use alternative 2, 3, 4, or 5.

1. Apply 2.2 lb plus 1 gal of emulsifiable oil or 1 qt of oil concentrate/A after crop and yellow mustard or Canada thistle emerge but before yellow mustard reaches a height of 3 inches or Canada thistle reaches a height of 6 inches. Rapid application before lay-by (20-30 inches), 10-15 days after the first application.

2. Apply 2.2 lb/A preplant. Follow with an application of 2.2 lb plus 1 gal of emulsifiable oil or 1 qt of oil concentrate/A after crop and yellow mustard reaches a height of 3 inches (yellow mustard control only).

3. Apply 2.2 lb/A during or shortly after planting. Cut before crop or weed emergence. Follow with an application of 2.2 lb plus 1 gal of emulsifiable oil or 1 qt of oil concentrate/A after crop and weeds emerge but before yellow mustard reaches a height of 3 inches or Canada thistle reaches a height of 6 inches.

4. Apply 4.4 lb plus 1 gal of emulsifiable oil or 1 qt of oil concentrate/A after crop emerges. Cut before lay-by (20-30 inches), and after yellow mustard and Canada thistle emerge, but before yellow mustard reaches a height of 3 inches or Canada thistle reaches a height of 6 inches.

5. Apply 4.4 lb/A preplant (yellow mustard control only).

6. Apply 4.4 lb/A during or shortly after planting. Cut before crop or weed emergence. (yellow mustard control only).

Note: Do not use alternative 1, 2, 3, or 4 when crop is set or under stress. See "Directions for application" for application rate and oil concentrate in water. For additional directions.

Grassgrass control on land going into new production:

Split application: Broadcast 2.2 lb/A in fall or spring. Pour 1-3 weeks later. Apply a second application of 2.2 lb/A in spring before drilling or after planting, but before weeds are 1-5 inches high. This split application will control grassgrass and most annual broadleaf and grass weeds.

Test Mixtures for Care:

Marzobase: Use tank mixture for control of certain broadleaf and grass weeds to some. Refer to Marzobase label for all directions, modes of action, precautions, and restrictions.

