





# ATRAZINE 80W

For season-long weed control in corn and sorghum.

For weed control in certain other crops; in noncrop areas; and industrial sites.

| Weeds to be Controlled | Soil Texture   | Stage or height of sorghum at treatment | Rate Per Acre of Atrazine 80W             |  |   |
|------------------------|----------------|---|---|--|---|
|                        |                |   | Broadleaf in 20-40 gals of water per acre | 20-inch Band in 10-20 gals of water per acre | 13-inch Band in 7-14 gals of water per acre |
|                        |                |   | DO NOT USE                                |  |   |
| SEE BRADLEY WEEDS SHOW |                |   |   |  |   |
| Barnyard Grass         | Sandy to Heavy | Complete emergence                      | 2-3 lbs                                   | 1-2 lbs                                      | 1-2 lbs                                     |
|                        |                | After 6-inch high                       | 2-3 lbs                                   | 1-2 lbs                                      | 1-2 lbs                                     |
| Barnyard Grass         | Sandy to Heavy | Complete emergence                      | 2-3 lbs                                   | 1-2 lbs                                      | 1-2 lbs                                     |
|                        |                | After 6-inch high                       | 2-3 lbs                                   | 1-2 lbs                                      | 1-2 lbs                                     |
| Barnyard Grass         | Sandy to Heavy | Complete emergence                      | 2-3 lbs                                   | 1-2 lbs                                      | 1-2 lbs                                     |
|                        |                | After 6-inch high                       | 2-3 lbs                                   | 1-2 lbs                                      | 1-2 lbs                                     |

**Post-emergence Application**

**DO NOT USE**

**SEE BRADLEY WEEDS SHOW**

**Use Precautions:**

- 1) 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.
- 2) Do not plant any rotational crops other than those specified in the Suggestions for Rotational Crops section here for 18 months following application.
- 3) Do not graze or feed large farm treated areas for 21 days following application.
- 4) Following harvest of a treated crop, plow (subsoil or disk) and thoroughly till the soil to bury sprays to minimize possible injury to rotational spring seeded crops (regard crop rotation used).
- 5) Suggested for Rotational Crops:
  - a) Sorghum must be planted the year following treatment.
  - b) A different crop may be planted 18 months after application.
  - c) When the fruit of a crop does not exceed 7.5 lbs per acre, full wheat may be planted in the year following application.

**CHEMICAL FALLOW**

**Summer fallow (Pacific Northwest Only):** To control weeds and grasses, apply 2 lbs of Atrazine 80W per acre in 10-20 gals of water per acre.

**One year fallow program:** Broadleaf 2 lbs Atrazine 80W per acre in combination with 4 lbs of 2,4-D per acre in 20-40 gals of water per acre. Apply to stubble following harvest. The following may also be controlled with suitable mulch: large weeds, grasses, and other weeds. Do not plant spring cereals for only with winter wheat.

**Two year fallow program:** Broadleaf 2 lbs Atrazine 80W per acre in combination with 4 lbs of 2,4-D per acre in 20-40 gals of water per acre. Apply to stubble following harvest. Do not plant any crop for 2 years following application. Do not plant winter wheat.

**Use Precautions:**

- 1) Apply with ground sprayer equipped with washup or backwash system.
- 2) Apply in 10-20 gals of water per acre.
- 3) Do not apply to wet soil.
- 4) Do not apply to wet soil.

**FRUIT AND NUT CROPS**

**Macadamia Nuts:** Apply 2 lbs Atrazine 80W per acre in 20-40 gals of water per acre. Do not apply to wet soil.

**Walnuts:** Apply 2 lbs Atrazine 80W per acre in 20-40 gals of water per acre. Do not apply to wet soil.

**Use Precautions:**

- 1) Do not apply to wet soil.
- 2) Do not apply to wet soil.
- 3) Do not apply to wet soil.

**WHEAT-SORGHUM-FALLOW**

Apply 2 lbs Atrazine 80W per acre in 20-40 gals of water per acre. Do not apply to wet soil.

**Use Precautions:**

- 1) Do not apply to wet soil.
- 2) Do not apply to wet soil.
- 3) Do not apply to wet soil.

**Use Precautions:**

- 1) Apply only to sorghum crops harvested.
- 2) Do not apply Atrazine 80W to regions more than 2 in.
- 3) Do not graze treated land within 10 days of use.
- 4) Do not plant treated land to other crops for at least 18 months.

**SUGARCA**

For control of most non-cereals weeds such as amaranths, pigweed, goosegrass, and other weeds. Apply 2-3 lbs of Atrazine 80W per acre in 20-40 gals of water per acre. Do not apply to wet soil.

**Use Precautions:**

- 1) Do not apply Atrazine 80W to any one crop of cane.
- 2) Apply 5 lbs per acre according to soil type as indicated in the table for thorough coverage.

|              |         |                                      |
|--------------|---------|--------------------------------------|
| Muck or Peat | 5 lbs   | Old beds within 2 days after tillage |
|              |         | New beds 3-4 days after springing    |
| Sandy Soils  | 2-3 lbs | Old beds within 2 days after tillage |
|              |         | New beds 7-10 days after springing   |

**Use Precautions:**

- 1) Do not apply to wet soil.
- 2) Do not apply to wet soil.
- 3) Do not use north of North Carolina.

**FOREST AND CHRISTMAS**

**Do not apply to wet soil.**

**Annual broadcast and grass weed control:** Broadleaf 2 lbs Atrazine 80W per acre in 20-40 gals of water per acre. Do not apply to wet soil.

**Use Precautions:**

- 1) Do not apply to wet soil.
- 2) Do not apply to wet soil.
- 3) Do not apply to wet soil.

**NONSELECTIVE WEED CONTROL**

Apply Atrazine 80W at rates recommended below before emergency applications should be made when weedy areas are not controlled by other means. Do not apply to wet soil.

**THE DOW CHEMICAL COMPANY**

200 N. ZEEB RD., MIDLAND, TEXAS 79701

NEW YORK, N.Y. 10017

PHILADELPHIA, PA. 19104

ST. LOUIS, MO. 63103

INDIANAPOLIS, IN. 46206

CHICAGO, ILL. 60606

DALLAS, TEXAS 75201

HOUSTON, TEXAS 77002

MEMPHIS, TENN. 38103

ATLANTA, GA. 30303

MIAMI, FLA. 33134

PORTLAND, ORE. 97208

SEATTLE, WASH. 98101

SPRINGFIELD, ILL. 62761

INDIANAPOLIS, IN. 46206

CHICAGO, ILL. 60606

DALLAS, TEXAS 75201

HOUSTON, TEXAS 77002

MEMPHIS, TENN. 38103

ATLANTA, GA. 30303

MIAMI, FLA. 33134

PORTLAND, ORE. 97208

SEATTLE, WASH. 98101

SPRINGFIELD, ILL. 62761

1812-239

**SPECIMEN LABEL  
(BACK)**

# AZINE 80W HERBICIDE

**ing weed control in corn and sorghum.  
ed control in certain other crops;  
crop areas; and industrial sites.**

- 2) Application made to sorghum growing under stress caused by mineral element deficiencies 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, disking or disk plow and thoroughly till the soil in the fall or spring to minimize possible injury to rotational spring seeded crops, required level of tillage.
- 6) Suggestions for Rotational Crops:
  - a) Sorghum or corn may be planted the year following treatment.
  - b) All other rotational crops may be planted 18 months after application.
  - c) When the broadcast rate used does not exceed 1.2 lbs. per acre, fall wheat may be planted 18 months after application.

## CHEMICAL FALLOW

- Summer Fallow (Eastern States) (Pacific Northwest Only)** To control annual weeds and grasses such as dry grass, pigweed, and wild radish as well as other weeds.
- One year fallow program:** Broadcast 2 lbs. Azine 80W per acre in combination with disking and plowing (see product label for state recommendations for rate). Apply to stubble following fall rains after volunteer grain has begun growth but not later than January 1. If weeds germinate in the spring, they should be controlled with stubble mulch tillage.
- Do not make a second application. Do not plant spring cereals, fallow only with winter wheat.
- Two-year fallow program:** Broadcast 2 lbs. Azine 80W per acre in combination with disking and plowing (see product label for state recommendations for rate). Apply to stubble following fall rains after volunteer grain has begun growth, but not later than January 1. Do not plant a crop for 2 years following application and then only to winter wheat.
- Use Precautions:** 1) Apply with ground sprayer equipped with mechanical or hydraulic shut-off system using a minimum of 10 gals. of water per acre.  
2) Avoid overlapping.  
3) Treat only soils classified as 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

## FRUIT AND NUT CROPS

- Important Note:** For pre-emergence control of many broadleaf and grass weeds such as crabgrass, pigweed, and wild radish, apply Azine 80W to the soil before planting.
- Use Precautions:** 1) Do not apply more than 2.7 lbs. Azine 80W per acre per year.  
2) Do not apply within 45 days of fruit harvest in large harvest areas.  
3) Repeat monthly applications to plant foliage may slow plant growth and reduce yield.

## WHEAT-SORGHUM-FALLOW

- For pre-emergence control of many broadleaf and grass weeds such as crabgrass, pigweed, and wild radish, apply Azine 80W to the soil before planting.
- Use Precautions:** 1) Do not apply more than 2.7 lbs. Azine 80W per acre per year.  
2) Do not apply within 45 days of fruit harvest in large harvest areas.  
3) Repeat monthly applications to plant foliage may slow plant growth and reduce yield.

- Use Precautions:** 1) Apply only to perennial vegetation stands in which a weed crop has been controlled.  
2) Do not apply Azine 80W to grass more than 2 years in succession.  
3) Do not graze treated land within 10 days of application.  
4) Do not plant treated land to other crops for at least 18 months.

## SUGARCANE

- For control of most non-host perennial weeds such as crabgrass, pigweed, and wild radish, apply Azine 80W to the soil before planting.
- Use Precautions:** 1) Do not apply Azine 80W to any crop at one time.  
2) Do not apply more than 12.5 lbs. of Azine 80W to any one crop at one time.

| Much or Poor | 5 lbs.   | One bed, within 2 days after setting of seed<br>New beds, 3-4 days after setting or plugging |
|--------------|----------|--|
| Sandy Soils  | 2.5 lbs. | One bed, within 2 days after setting of seed<br>New beds, 3-4 days after setting or plugging |

- Apply additional Azine 80W to the soil in combination with disking and plowing to control grasses.
- Use Precautions:** 1) Do not apply within 30 days of setting of seed.  
2) Do not apply Azine 80W to soil in combination with other herbicides used trees, as these combinations may cause injury.  
3) Do not use Azine 80W on forest land.

## FOREST AND CHRISTMAS TREE PLANTATIONS

- Do not apply Azine 80W to forest land, Christmas tree plantations, or other areas where it is not intended to be used.
- Annual broadcast and grass weed control:** Broadcast 2.5 lbs. Azine 80W per acre in combination with disking and plowing (see product label for state recommendations for rate). Apply to stubble following fall rains after volunteer grain has begun growth, but not later than January 1. If weeds germinate in the spring, they should be controlled with stubble mulch tillage.
- Quackgrass control:** Broadcast 5 lbs. Azine 80W per acre in combination with disking and plowing (see product label for state recommendations for rate). Apply to stubble following fall rains after volunteer grain has begun growth, but not later than January 1. If weeds germinate in the spring, they should be controlled with stubble mulch tillage.
- Use Precautions:** 1) Do not apply more than 2.7 lbs. Azine 80W per acre per year.  
2) Do not apply within 45 days of fruit harvest in large harvest areas.

## NONSELECTIVE WEED CONTROL ON NONCROP LAND

- Apply Azine 80W to the soil before planting to control many broadleaf and grass weeds such as crabgrass, pigweed, and wild radish, apply Azine 80W to the soil before planting.
- Use Precautions:** 1) Do not apply more than 2.7 lbs. Azine 80W per acre per year.  
2) Do not apply within 45 days of fruit harvest in large harvest areas.  
3) Repeat monthly applications to plant foliage may slow plant growth and reduce yield.

## THE DOW CHEMICAL COMPANY

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