

**USE AMIZOL™ COMBINATIONS FOR GENERAL WEED CONTROL**

- I AMIZOL alone
- II AMIZOL and simazine (Princep 80W)
- III AMIZOL and monuron or diuron (Telvar or Karmex)
- IV AMIZOL and Sodium TCA 95%
- V AMIZOL and dalapon (Radapon)
- VI AMIZOL in special combinations

**WHERE TO USE Recommended Combinations (in order of preference)**

**HIGHWAYS**

- road rails II, IV, I
- edge treatments VI, II, III, IV, I
- shoulders VI, II, III, IV, I
- center strips II, III, IV, I, VI
- embankments I, IV, II, III, VI

**RAILROADS**

- yards VI, III, II, IV
- around buildings VI, II, III
- switches VI, III, II
- signal equipment VI, III, II
- loading areas VI, III, II
- ballast, berm VI, III, II

**PUBLIC UTILITIES**

- power substations II, III, VI
- pole yards II, III, VI
- parking areas II, III, VI
- transmission towers II, III, VI
- fence lines II, III, IV
- woody plants I

**INDUSTRIAL AREAS**

- parking lots II, III, VI
- tank farms VI, III, II
- lumber yards VI, II, III
- open storage VI, III, II
- fence lines II, III, IV, VI
- drive-in theaters II, III, IV, VI

**NURSERIES**

- liners II
- ornamentals II

**AQUATIC SITES\***

- ditchbanks I, V
- drainage canals I, V
- marshes I, V

\*Do not apply where water will be used for irrigating, drinking or other domestic purposes. Do not apply to water where fish are present.

**GENERAL DIRECTIONS**

By combining AMIZOL with residual-type weed control herbicides, you make a mixture that provides a rapid knockdown of existing vegetation, better control of deep rooted perennial weeds, and prevents most weed growth for one or more seasons.

**WHEN TO USE**

Apply AMIZOL combinations anytime weeds are green and actively growing. It is not necessary to apply these combinations before weeds come up.

Weeds treated after they have developed strong stems may remain standing for the rest of the season, even though they are dead. These standing weeds are unsightly and a fire hazard. Therefore, for most effective control of tall weeds cut and remove the weeds, if possible, then spray the regrowth. For best results, treat when soil moisture is adequate for rapid weed growth.

**MIXING SPRAYS**

Use enough water to thoroughly wet weed foliage—50 to 100 gallons per acre. In highway spraying, a strip 8 feet wide and 1 mile long is about 1 acre. Dissolve the required amount of AMIZOL in water, then add the other product. Wettable powders require constant agitation while mixing and spraying.

AMIZOL or AMIZOL combinations with Telvar, Karmex, Hyvar, Krovar, Tandex, Aatrex and Princep are non-corrosive, nonflammable and nonvolatile. AMIZOL combinations with Sodium TCA or Radapon are nonflammable and nonvolatile, but sprayers should be washed out immediately after each use to prevent corrosion.

**Some of the Weeds Controlled**

alfalfa	ail	purslane
bluegrasses	goosegrass	quackgrass
Canada thistle	groundsel	ragweed
carpetweed	hempenettle	shepherdspurse
catch fly	jimsonweed	smartweed
chickweed	knotweed	sowthistle
chrysanthemum	kochia	stinkweed
weed (mugwort)	lambquarters	velvetgrass
cocklebur	mustard	white cockle
crabgrass	nightshade	wild buckwheat
dandelion	pigweed	wild oats
downy brome (cheat)	plantain	witchgrass
	poison ivy	yellow root

**CAUTION**

Harmful if swallowed. Avoid contact with skin, eyes or clothing.

Avoid spray-dri t as this product may injure susceptible plants such as cotton, tomatoes and some ornamentals. Coarse sprays are likely to drift. Do not use for other purposes unless thoroughly cleaned. Do not store near fertilizers, seeds, insecticides or fungicides or use in a greenhouse. (To clean sprayer following use of AMIZOL, rinse all parts of sprayer with water several times.)

Do not contaminate water used for irrigation or domestic purposes.

Do not reuse container. Destroy in a safe place. Do not burn.

Observe all cautions and limitations on labeling of all products used in mixtures.

Do not use this product for purposes other than those recommended on this label.

**WARRANTY**

Amchem warrants that composition of this product conforms to the chemical description given in the ingredient statement and the product is suited for the purposes described when used according to directions. Because of the broad range of conditions which may be encountered with the use of this product, it is impossible to eliminate all risks even though label directions are followed. Amchem therefore makes no other express or implied warranty, and no agent of Amchem is authorized to do so. Buyer agrees in purchasing this product to assume the risks and, in the event of damages arising from a breach of the warranty, to accept refund of the purchase price of the product as full discharge of Amchem's liability.

# AMIZOL

## Industrial Herbicide



**I—Use AMIZOL alone:**

	Amounts per AMIZOL
a - To control annual grass and broadleaf weeds where residual control is not required, spray when most weeds are 3-4 inches tall.	2 lbs.
b - To control annual grasses, annual and perennial broadleaf weeds and suppress perennial grasses, spray when most weeds are 6-10 inches tall.	4 lbs.
c - Cattails: treat after catkins are fully formed until frost.	
(1) ground application	8-10 lbs.
(2) aerial application	10 lbs.
d - Poison ivy, poison oak: treat after leaves are fully developed in the spring until leaves start to turn color in the fall.	2 lbs.

**II—Use AMIZOL combinations with Princep 80W:**

	Amounts per AMIZOL	Princep 80W
a - For seasonal control of most weeds where safety to nearby desirable trees, shrubs and ornamentals is important.	4 lbs.	12
b - For economical control of easy-to-control (annual) weeds; for areas with short growing seasons.	2 lbs.	
c - For grass and broadleaf weed control in nurseries: ornamental plantings in median strips. Use a directional spray.	1 lb.	3

CAUTION: Lilac, privet, horeysuckle, barberry and boxwood are susceptible to this mixture and may be injured if contacted by spray. Where johnsongrass or bermudagrass is a problem, a mixture of AMIZOL and Telvar or Karmex is recommended.

**III—Use AMIZOL combinations with Karmex or Telvar:**

	Amounts per AMIZOL	Karmex or Telvar
a - For seasonal control of most weeds.	4 lbs.	20
b - For economical control of easy-to-control (annual) weeds; for areas with short growing seasons.	2 lbs.	10

CAUTION: Mixtures containing Telvar or Karmex should not be used where material will wash or leach into the root zone of valuable trees or shrubs, since severe damage may result. We recommend using Karmex in high rainfall areas or where Karmex has given best results in the past. Telvar in areas of proportionately lower rainfall or where Telvar has best results in the past.

**IV—Use AMIZOL combinations with Sodium TCA 95%:**

	Amounts per AMIZOL	Sodium TCA 95%
a - For general control of most grass and broadleaf weeds.	5 lbs.	
b - For control of johnsongrass and bermudagrass, or heavy stands of other grasses.	5 lbs.	

USE AMIZOL COMBINATIONS FOR  
GENERAL WEED CONTROL

WHERE TO USE

MIXING SPRAYS

Some of the Weeds Controlled

CAUTION

Hazardous to humans. Avoid contact with skin, eyes or clothing.

GENERAL DIRECTIONS

WARRANTY

WHEN TO USE



**Excellent weed control  
in pastures and  
similar noncrop areas**

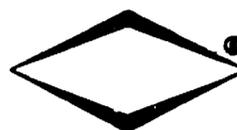
**Use alone or in combination  
with other weed control herbicides  
having long residual action**

**CAUTION:** Keep out of reach of children. See other cautions  
on left panel.

ACTIVE INGREDIENT:

Amitrole (3-amino-1,2,4-triazole) ..... 90%

INERT INGREDIENTS: ..... 10%



**AMCHEM PRODUCTS, INC.**

First Name in Herbicide Research  
AMBLER, PA • Canton, IA • St. Joseph, MO • Fremont, CA

EPA Reg. No. 264-119

I- Use AMIZOL alone

II- Use AMIZOL combinations with Pre-empt 60W

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### Controlled

ail	purslane
segrass	quackgrass
undsels	ragweed
mpnettle	shepherdspurse
isonweed	smartweed
ptweed	sowthistle
chia	stinkweed
ubsquarters	velvetgrass
istard	white cockle
htshade	wild buckwheat
weed	wild oats
intain	witchgrass
ison ivy	yellow rocket

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omposition of this product con-...escription given in the ingre-...product is suited for the pur-...used according to directions...ange of conditions which may...use of this product, it is im-...risks even though label direc-...hem therefore makes no other...ntly, and no agent of Amchem...Buyer agrees in purchasing...the risks and, in the event of...a breach of the warranty, to...urchase price of the product as...s liability.

### DIRECTIONS FOR USE

#### I—Use AMIZOL alone:

	Amounts per Acre	
	AMIZOL	Water
a—To control annual grass and broadleaf weeds where residual control is not required, spray when most weeds are 3-4 inches tall.	2 lbs.	100 gal.
b—To control annual grasses, annual and perennial broadleaf weeds and suppress perennial grasses, spray when most weeds are 6-10 inches tall.	4 lbs.	100 gal.
c—Cattails: treat after catkins are fully formed until frost.		
(1) ground application	8-10 lbs.	300 gal.
(2) aerial application	10 lbs.	15 gal.
d—Poison ivy, poison oak: treat after leaves are fully developed in the spring until leaves start to turn color in the fall.	2 lbs.	100 gal.

#### II—Use AMIZOL combinations with Princep 80W:

	Amounts per Acre	
	AMIZOL	Princep
a—For seasonal control of most weeds where safety to nearby desirable trees, shrubs and ornamentals is important.	4 lbs.	12½ lbs.
b—For economical control of easy-to-control (annual) weeds; for areas with short growing seasons.	2 lbs.	6¼ lbs.
c—For grass and broadleaf weed control in nurseries; ornamental plantings in median strips. Use a directional spray.	1 lb.	3¾ lbs.

CAUTION: Lilac, privet, horeysuckle, barberry and boxwood are susceptible to this mixture and may be injured if contacted by spray.

Where johnsongrass or bermudagrass is a problem, a mixture of AMIZOL and Telvar or Karmex is recommended.

#### III—Use AMIZOL combinations with Karmex or Telvar:

	Amounts per Acre	
	AMIZOL	Karmex or Telvar
a—For seasonal control of most weeds.	4 lbs.	20 lbs.
b—For economical control of easy-to-control (annual) weeds; for areas with short growing seasons.	2 lbs.	10 lbs.

CAUTION: Mixtures containing Telvar or Karmex should not be applied where material will wash or leach into the root zone of valuable trees or shrubs, since severe damage may result. We recommend using Karmex in high rainfall areas or where Karmex has given best results in the past. Use Telvar in areas of proportionately lower rainfall or where Telvar has given best results in the past.

#### IV—Use AMIZOL combinations with Sodium TCA 95%:

	Amounts per Acre	
	AMIZOL	Sodium TCA
a—For general control of most grass and broadleaf weeds.	5 lbs.	50 lbs.
b—For control of johnsongrass and bermudagrass, or heavy stands of other grasses.	5 lbs.	100 lbs.

NOTE: Use at least 1 gallon of water for each pound of Sodium TCA applied. Repeat applications will be necessary where annual weeds sprout following earlier applications. The combination of 5 lbs. AMIZOL plus 20 lbs. of Radapon is preferred in low rainfall areas.

#### V—Use AMIZOL combinations with Radapon:

	Amounts per Acre	
	AMIZOL	Radapon
For general control of cattails, phragmites and tules.		
(1) flooded sites	5 lbs.	25 lbs.
(2) non-flooded sites	2 lbs.	10 lbs.

#### VI—AMIZOL in Special Combinations:

To control existing vegetation and prevent reinvasion of weeds on railroad ballast and berm areas, highway shoulders and industrial areas, mix 1 to 4 lbs. AMIZOL per acre with one of the following residual herbicides:

#### AMOUNTS TO USE PER ACRE

	Arid areas or short growing seasons	Humid areas or full growing seasons	Where Mixtures May Be Used		
			Railroad Ballast & Berms	Highways	Industrial Areas
Aatrex® 80W (atrazine)	5-10 lbs.	20 lbs.	—	X	X
Hyvar® X (bromacil)	4 lbs.	10 lbs.	X	—	X
Karmex® (diuron)	5-10 lbs.	20 lbs.	X	—	X
Krovar® (bromacil + diuron)	3-6 lbs.	10 lbs.	X	—	—
Princep® 80W (simazine)	5-10 lbs.	20 lbs.	X	—	X
Tandex® (karbutilate)	4 lbs.	10 lbs.	—	—	X
Telvar® (monuron)	5-10 lbs.	20 lbs.	X	—	—

For faster knockdown of annual and perennial broadleaf weeds, add 1 to 4 qts. of 2,4-D ester or amine per acre to the mixture of Hyvar X or Krovar with AMIZOL. To control puncturevine, Russian thistle or Kochia, add 1 to 3 gallons Fenac to mixtures of Hyvar X + AMIZOL or Aatrex + AMIZOL.

CAUTION: Mixtures containing Telvar, Karmex, Aatrex, Tandex, Fenac, Krovar or Hyvar X, should not be applied where material will wash or leach into the root zone of valuable trees or shrubs, since severe damage may result.

#### AMIZOL FOR WOODY PLANTS

Use AMIZOL in a right-of-way maintenance program as a special tool for cleaning up spot infestations of the species listed below. Most of these are killed to ground line by foliage sprays of 2,4-D and 2,4,5-T, but resprout badly the next year. AMIZOL is a good translocator and kills most of the roots as well as the tops. AMIZOL is specific on the species listed. It should not be expected to kill other species.

Use the standard foliage stem method for high volume sprays along fences, roads, highways and utility rights-of-way. Spray all foliage and stems of plants from the time foliage is fully developed until plants begin to go dormant. For effective control, all leaves, stems and suckers must be thoroughly wet to ground line.

#### Amounts to Use

SPECIES	Pounds AMIZOL per 100 gallons water
salmonberry	4
western dewberry (blackberry)	4
bigleaf maple	4
honeysuckle	4
kudzu	4
locust	3 to 4
ash	3 to 4
sumac	3 to 4

Add 4 ounces of spreader sticker per 100 gallons of water.