

42

AMINOPYR

FOR GENERAL WEED CONTROL IN INDUSTRIAL
AND NON-CROPPED AREAS

Use always in combination with other weedkillers.

AMITROLE 90

**FOR GENERAL WEED CONTROL IN INDUSTRIAL
AND NON-CROPPED AREAS**

Use alone or in combination with other weedkillers
having long residual action.

CAUTION

KEEP AWAY FROM CHILDREN

See Side Panel For Additional Cautions

CAUTION

Do not use in areas where the spray may be blown onto desirable plants. Do not use in areas where the spray may be blown onto desirable plants. Do not use in areas where the spray may be blown onto desirable plants.

GENERAL DIRECTIONS

Combining AMITROLE 90 with residual-type weed killers, makes a mixture that provides a rapid knockdown of existing vegetation, better kill of deep-rooted perennials and prevents most weed growth for one or more seasons.

WHEN TO USE
Apply AMITROLE 90 combinations any time 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 at 1/3 to 1/2 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 for highway spraying, a strip 6 feet wide and 1/2 mile long. Add 1/2 to 1 quart of water for the required amount of AMITROLE 90 and water then add the other product.

AMITROLE 90 combinations with TELVAR, KARMEX or KARMEX diuron should be applied to areas where weeds are growing. AMITROLE 90 combinations with TELVAR, KARMEX or KARMEX diuron should be applied to areas where weeds are growing.

SOME OF THE WEEDS CONTROLLED

Alfalfa	Guava grass	Guava grass
Bluegrass	Guava grass	Guava grass
Canada thistle	Guava grass	Guava grass
Chenopodium	Guava grass	Guava grass
Catch fly	Guava grass	Guava grass
Thickweed	Guava grass	Guava grass
Chrysanthemum	Guava grass	Guava grass
Cocklebur	Guava grass	Guava grass
Crab grass	Guava grass	Guava grass
Tranexuron	Guava grass	Guava grass
Downy brome	Guava grass	Guava grass
Furca	Guava grass	Guava grass

DIRECTIONS FOR USE

I. Use AMITROLE 90 combinations with Simazine 80 W. Apply 1 1/2 to 2 lbs. of AMITROLE 90 per acre. Apply 1/2 to 1 quart of Simazine 80 W. per acre. Apply 1/2 to 1 quart of water for the required amount of AMITROLE 90 and water then add the other product.

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II. Use AMITROLE 90 combinations with KARMEX diuron or TELVAR monuron. Amounts per Acre: KARMEX diuron or TELVAR monuron, 20 lbs.; AMITROLE 90, 2 lbs. For seasonal control of most weeds. For economical control of easy-to-kill annual weeds; for areas with short growing seasons.

CAUTION: Lilac, privet, honeysuckle, barberry and boxwood are susceptible to this mixture and may be injured if contacted by spray. Where John-on or Bermuda grass is a problem a mixture of AMITROLE 90 and TELVAR monuron or KARMEX diuron is recommended.

III. Use AMITROLE 90 combinations with KARMEX diuron or TELVAR monuron. Amounts per Acre: KARMEX diuron or TELVAR monuron, 20 lbs.; AMITROLE 90, 2 lbs.

IV. Use AMITROLE 90 combinations with TCA 94%. Amounts per Acre: TCA 94%, 5 lbs.; AMITROLE 90, 2 lbs.

V. Use AMITROLE 90 combinations with RANAPON dalapon. Amounts per Acre: RANAPON dalapon, 1 lb.; AMITROLE 90, 2 lbs.

CAUTION: Mixtures containing TELVAR monuron or KARMEX diuron 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 only KARMEX diuron in high rainfall areas or where KARMEX diuron has given best results. In the past use TELVAR monuron in areas of prior rainfall or where rainfall or where TELVAR monuron has given best results in the past.

NOTE: Use at least 1 quart of water for each pound of TCA 94% applied. Repeat applications, where necessary, where annual weeds are not fully controlled.

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USE AMITROLE 90 COMBINATIONS FOR GENERAL WEED CONTROL

Use AMITROLE 90 combinations with Simazine 80 W. Apply 1 1/2 to 2 lbs. of AMITROLE 90 per acre. Apply 1/2 to 1 quart of Simazine 80 W. per acre. Apply 1/2 to 1 quart of water for the required amount of AMITROLE 90 and water then add the other product.

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

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

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

NURSERIES	
liners	II
ornamentals	II

AQUATIC SITES*	
ditchbanks	I, V
drainage canals	I, V
marshes	I, V

*Do not contaminate water intended to be used for irrigation or domestic purposes.

AMITROLE 90 FOR WOODY PLANTS

Use AMITROLE 90 in a right-of-way maintenance program as a general tool for clearing 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-D, but resprout badly the next year. AMITROLE 90 is a good translocator and kills most of the roots as well as the tops.

AMITROLE 90 is specific on the species listed. It should not be expected to kill other species.

DIRECTIONS: Use the standard foliage stem method for high volume sprays along fence rows, 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 kills, all leaves, stems and suckers must be thoroughly wet to ground line.

Species	Pounds AMITROLE 90 per 100 gallons water
Kalmianthus	1
Western hollyhock, barberry	1
Highway maple	1
Honey suckle	1
Red maple	1
Boxwood	1 to 4
Ash	1 to 4
Boxwood	1 to 4

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GENERAL DIRECTIONS

Combining AMITROLE 90 with residual-type weed killers makes a mixture that provides a rapid knockdown of existing vegetation, better kill of deep rooted perennial weeds and prevents further weed growth for one or more seasons.

WHEN TO USE

Apply AMITROLE 90 combinations to weeds in the early stages of growth. Apply to grasses and broadleaf weeds in the early stages of growth. Weeds that are standing in the field are a hazard to the stand. 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 conditions are 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 6 feet wide and 1 mile long is about 1 acre. Dissolve the required amount of AMITROLE 90 in water, then add the other product. TELVAR, monuron, KARMEX, diuron and Simazine are wettable powders and require constant agitation while mixing and spraying. AMITROLE 90 combinations with TELVAR, monuron, KARMEX, diuron and Simazine are non-erosive, nonflammable and non-volatile. AMITROLE 90 combinations with TCA 94% or RADAPON dalapon are nonflammable and non-volatile, but sprayers should be washed out immediately after each use to prevent corrosion.

SOME OF THE WEEDS CONTROLLED

Alfalfa	Crane grass	Quack grass
Bluegrasses	Groundsel	Ragweed
Canada thistle	Knapweed	Shepherd's purse
Carpetweed	Red top	Smartweed
Catch fly	Spotted knifeweed	Sow thistle
Chickweed, common	Rubus	Stinkweed
Chrysanthemum weed	Timothy	Velvet grass
Cocklebur	Mustard	White clover
Crab grass	Nightshade	Wild buckwheat
Handelion	Yarrow	Wind cats
Lowly brome grass	Maintain	Whitegrass
Foxtail	Common fly	Yellow dock
	Lupine	

DIRECTIONS FOR USE

I—Use AMITROLE 90 alone:	Amounts per Acre
a. Control annual grasses, broadleaf weeds and biennial weeds. Control is not required. Spray when most weeds are 4-6 inches tall.	AMITROLE 90 2 lbs. Water 20-25 gal.
b. Control annual grasses, annual and perennial broadleaf weeds and biennial weeds. Control is not required. Spray when most weeds are 4-10 inches tall.	AMITROLE 90 4 lbs. Water 10-15 gal.
c. Control biennial weeds such as yellow top, etc. Control is not required. Spray when weeds are 4-6 inches tall.	AMITROLE 90 2 lbs. Water 20-25 gal.
d. Control biennial weeds such as yellow top, etc. Control is not required. Spray when weeds are 4-6 inches tall.	AMITROLE 90 2 lbs. Water 20-25 gal.

in nurseries, ornamental plantings in median strips. Use a directional spray.

CAUTION: Blue, privet, honeysuckle, barberry and boxwood are susceptible to this mixture and may be injured if contacted by spray. Where Johnson or Bermuda grass is a problem, a mixture of AMITROLE 90 and TELVAR, monuron or KARMEX, diuron is recommended.

Use AMITROLE 90 combinations with KARMEX, diuron or TELVAR, monuron.

	Amounts per Acre
	KARMEX diuron or TELVAR monuron
AMITROLE 90	
a. For seasonal control of most weeds.	4 lbs. 20 lbs.
b. For economical control of easy-to-kill (annual) weeds; for areas with short growing seasons.	2 lbs. 10 lbs.

CAUTION: Mixtures containing TELVAR, monuron or KARMEX, diuron 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, diuron in high rainfall areas or where KARMEX, diuron has given best results in the past. Use TELVAR, monuron in areas of proportionately lower rainfall or where TELVAR, monuron has given best results in the past.

IV—Use AMITROLE 90 combinations with TCA 94%:

	Amounts per Acre
	AMITROLE 90 TCA 94%
a. For general control of most grass and broadleaf weeds.	5 lbs. 50 lbs.
b. For control of Johnson and Bermuda grass or heavy stands of other grasses.	5 lbs. 100 lbs.

NOTE: Use at least 1 gallon of water for each pound of TCA 94% applied. Repeat application is necessary where annual weeds sprout following early applications. The combination of 5 lbs. AMITROLE 90 plus 20 lbs. of RADAPON dalapon is preferred in low rainfall areas.

V—Use AMITROLE 90 combinations with RADAPON dalapon:

	Amounts per Acre
	AMITROLE 90 RADAPON dalapon
a. For general control of grasses, broadleaf weeds and biennials.	
(1) flooded sites	1 lbs. 15 lbs.
(2) nonflooded sites	2 lbs. 10 lbs.

USE AMITROLE 90 COMBINATIONS FOR GENERAL WEED CONTROL

- I—AMITROLE 90 alone
- II—AMITROLE 90 and Simazine K.W.
- III—AMITROLE 90 and TELVAR, monuron or KARMEX, diuron
- IV—AMITROLE 90 and TCA 94%
- V—AMITROLE 90 and RADAPON dalapon

WHERE TO USE

Use AMITROLE 90 combinations on lawns, golf courses, tennis courts, parking lots, truck yards, lumber yards, open storage areas, fence lines, and in the streets.

INDUSTRIAL AREAS

parking lots	II, III
truck yard	III, IV
lumber yards	II, III
open storage	III, IV
fence lines	II, III, IV
driveways, etc.	II, III, IV

WATERWAYS

canals	II
ditches	II

AQUATIC SITES*

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

*Do not contaminate water intended to be used for irrigation or domestic purposes.

AMITROLE 90 FOR WOODY PLANTS

Use AMITROLE 90 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. AMITROLE 90 is a good translocator and kills most of the roots as well as the tops.

AMITROLE 90 is specific on the species listed. It should not be expected to kill other species.

DIRECTIONS:

Use the standard foliage stem method for high volume sprays along fence rows, 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 kills, all leaves, stems and suckers must be thoroughly wet to ground line.

AMOUNTS TO USE:

Species	Pounds AMITROLE 90 per 100 gallons water
Salmonberry	1
Western dewberry (blackberry)	1
Bigleaf maple	1
Honeysuckle	4
Kudzu vine	4
Locust	3 to 4
Ash	3 to 4
Sumac	3 to 4

Adds 4 ozs. of spreader sticker per 100 gals of water

SELLER makes no warranty of any kind, express or implied, nor warrants the use of this product. BUYER assumes all risk of use or handling whether in accordance with directions or not.

A method of killing weeds with the contained material is covered by U.S. Patent No. 2,670,282. The price at which this material was originally sold included a prepaid royalty for the right to the ultimate consumer to use the same in one without admixture or dilution except with water, in practicing only said patented method of killing weeds. A non-transferable license to practice said method with said material alone without admixture or dilution except with water, from any source may be acquired from the patent owner on written request at the same price as is presently being charged.

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AMERICAN CYANAMID COMPANY

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