



**CRAB-E-RAD 120**

**LIQUID**  
**FOR CONTROL OF CRAB GRASS**  
IN ORNAMENTAL TURF

ACTIVE INGREDIENT:	
Monosodium Acid Methanearsonate .....	51.19%
INERT INGREDIENTS .....	48.81%
TOTAL .....	
100.00%	
Total Arsenic, as elemental,	
all in water soluble form .....	23.70%

**CAUTION: Keep Out of the Reach of Children**  
See side panel for precautionary measures

Manufactured By  
**VINELAND CHEMICAL COMPANY**  
VINELAND, NEW JERSEY

USDA Reg. No. 2853-27

VC-380  
E. Chem. Co. U.S.A.

*A*  
*Selective*  
*Crab*  
*Grass*  
*Destroyer*

FOR BEST RESULTS SOIL SHOULD BE MOIST AT THE TIME OF APPLICATION. Dry soil may not allow desirable turf to resist the action of chemicals.

Use on Bermuda, Merion Blue, Kentucky Blue, Red Top, Fescue, and Zoysia. May be used on Bentgrass lawns when average daytime temperatures remain under 80°F.

DO NOT use on St. Augustine, Carpet, Centipede, Bahia, and Dichondra lawns. Bent and fescue grasses may be temporarily discolored.

1. Be sure soil is moist before treatment.
2. Do not water for 24 hours after treatment, then continue to keep soil moist, especially during hot, dry weather.

Rate	Amount Water	Area Covered
1 fluid ounce	2-5 gallons	1,000 sq. ft.
3 pints	50-100 gallons	1 Acre

Two applications five to seven days apart are generally needed. CRAB-E-RAD 120 is effective at the above rate if air temperature averages 80°F. or higher. For temperatures below 80°F. use twice the amount of CRAB-E-RAD 120 to treat the same area.

To decrease run-off and increase leaf absorption, add 1 quart VICHEM "958" Wetting Agent with each gallon of CRAB-E-RAD 120 at the time of dilution.

Do not contaminate water by cleaning of equipment, or disposal of wastes. Clean equipment after use by flushing with water. Run rinse water in area away from domestic water sources.

## A Post-Emergent, Non-Selective Grass and Weed Killer

* Sodium Dimethylarsinate	29.00%
Dimethylarsinic Acid	5.00%

## 66.00%

*Sodium Cacodylate Arsenic as elemental, all in water soluble form	16.28%
Dimethylarsinic Acid equivalent per gallon	3.25 lbs.

**CAUTION:** Harmful if swallowed. Avoid inhalation of spray mist. (Coarse sprays are less likely to drift.) Avoid contact with skin and eyes. Wash thoroughly with soap and water after using. Keep children and domestic animals off treated areas until washed into soil. To protect fish and wildlife avoid contamination of streams and ponds. Keep off clothing.

**ANTIDOTE:** If taken internally, induce vomiting and call physician at once.

**NOTICE:** Buyer assumes all responsibility for safety and use not in accordance with directions.

A Product Manufactured By  
The Vineland Chemical Co.



VINELAND, NEW JERSEY

[illegible]

For lawn renovation, To destroy woody sections of lawns and turf, apply Rad-E-Cat 35 at any time during the warm growing season. Sun and high temperature accelerates destruction. Foliage should be wet thoroughly to run off using the spray solution at the following rates:

	Rate	Amount of Water	Area Covered
	1 quart	15,20 gallons	4,150 sq. ft.
	1 gallon	65,80 gallons	16,600 sq. ft.

1. Prepare spray solution: fill spray tank with the desired quantity of water. When agitating, add the required amount of Rad-Cat 35. Thoroughly mix prior to application. Rad-Cat 35 contains a suitable surfactant. NO OTHER WETTING AGENT NEED BE ADDED TO THE SPRAY SOLUTION. The spray should be carefully calibrated for best results and the spray solution applied at the proper rate in the proper amount of water to the properly prepared area.

BA 01 (Coff. Sp.) will not kill more than 10% of a population of 1000 eggs and 1000 larvae, and treatment 5 days after last application.

[illegible]

For cooling after zoom, water is forced to pass through heavy, saturated filter material, which is experimental. A foam and a sponge were used as suitable materials, but both were found to be too expensive. The use of a filter made from a very fine, coarse-textured material, such as fine sand, would help to reduce the amount of water that is lost in the process of filtering out the oil. The filter should be replaced frequently.

NET CONTENTS 5 GALLONS

EPA REG. NO. 2853 28AA

1. *Chlorophyll a* and *Chlorophyll b* contents were determined by spectrophotometry using the method of Lichtenthaler and Whistler (1973).

Rad E-Cate 35 Herbicide is a solution of cacodylic acid and sodium cacodylate. It is a non-selective herbicide. Rad E-Cate 35 will kill grasses and weeds on contact. Destruction of weeds and grasses around plants, shrubs, trees and bushes may be accomplished by directing spray to the undesired vegetation.

Reseeding after weed control should be preceded by heavy watering. Consult agriculture experimental station and extension service weed specialists for most desirable seeds and mixtures. Seeds may be worked into soil if necessary, by scarifying or raking. A light top dressing of screened peat moss will help retain moisture during germination. Delay reseeding a minimum of 5 days after last application.

Harmful to fish and shellfish. Avoid contamination of spray mist. Coarse sprays are less likely to drift. Avoid contact with skin and eyes. Wash thoroughly with soap and water after using. Keep children and domestic animals off treated area until washed into bath. Do not eat or drink from containers used for streams and ponds. Keep out of water.

If treated for aquatic weeds, consult local health department.

Buyer should read label carefully for safety and use instructions and directions.

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EPA REG. NO. 2853-28AA



#### Surfactant Included

#### A Post-Emergent, Non-Selective Grass and Weed Killer

#### ACTIVE INGREDIENTS:

*Sodium Dimethylarsinate	29.00%
Dimethylarsinic Acid	5.00%

#### INERT INGREDIENTS:

	66.00%
Total	100.00%

*Sodium Cacodylate Arsenic as elemental, all in water soluble form	16.28%
Dimethylarsinic Acid equivalent per gallon	3.25 lbs.

**CAUTION: KEEP OUT OF THE REACH OF CHILDREN**  
**SEE SIDE PANEL FOR ADDITIONAL CAUTIONS**



**VINELAND CHEMICAL COMPANY**  
VINELAND, NEW JERSEY

NET CONTENTS 1 GALLON

sections of lawns and  
golf courses. Sun and high  
thoroughly 1 inch of u

#### Rate

1 quart  
1 gallon

To prepare spray solution, add the recommended amount of Rad E-Cate 35 to the water. Do not use more than 1 quart of Rad E-Cate 35 per gallon of water. Do not use more than 1 quart of Rad E-Cate 35 per gallon of water. Do not use more than 1 quart of Rad E-Cate 35 per gallon of water.