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2853-11

page 1 of 2

AUG 3 1993

Vineland Chemical Company, Inc.  
c/o E. David Lewis  
Pazianos Assoc.  
1338 G. Street, S.E.  
Washington, D.C. 20003

Gentlemen:

Subject: Additional Prohibitions  
Super Dal-E-Rad Calar ✓  
EPA Registration No. 2853-11  
Your Application Dated June 10, 1993

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
  - Correct the brand name on the label to read "Super Dal-E-Rad Calar" which is the accepted brand name for this product.
2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

If you intend to have "Super Crab-E-Rad Calar" as an alternate brand name you should submit an application of amended registration requesting this.

Sincerely yours,

151

Cynthia Giles-Parker  
Product Manger (22)  
Fungicide Herbicide Branch  
Registration Division (H7505C)

Enclosure

# SUPER CRAB-E-RAD CALAR

FOR CRABGRASS CONTROL

LIQUID HERBICIDE

ACTIVE INGREDIENT:

Calcium Acid Methanearsonate . . . . . 10.3%

INERT INGREDIENT: . . . . . 89.7%

Total . . . . . 100.0%

Total Arsenic as elemental,  
all in water soluble form . . . . . 5.0%

CAMA per gallon . . . . . 1 lb.

**BEST AVAILABLE COPY**

**KEEP OUT OF THE REACH OF CHILDREN  
CAUTION:**

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Wear protective clothing when handling or applying this product including long pants, long sleeve shirt, and impermeable gloves and boots. Harmful if swallowed or inhaled. Avoid breathing spray mist. (Coarse sprays are less likely to drift.) Avoid contact with eyes, skin or clothing. Causes eye irritation. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children and domestic animals off treated areas until washed into soil.

### STATEMENT OF PRACTICAL TREATMENT

If swallowed, call a physician immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin, wash with plenty of soap and water. Get medical attention if irritation persists.

If inhaled, remove victim to fresh air. Apply artificial respiration, preferably mouth to mouth, if indicated.

If in eyes, flush with plenty of water. Get medical attention if irritation persists.

### ENVIRONMENTAL HAZARDS

Do not contaminate waters used by wildlife, aquatic life, domestic animals or waters used by irrigation. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

A Product Manufactured by The Vineland Chemical Co.

**VINELAND CHEMICAL COMPANY**

1611 W. WHEAT RD., VINELAND, NEW JERSEY 08360 • 609-691-3535



NET CONTENTS 5 GALLONS

EPA Reg. No. 2853-11  
EPA Est. No. 2853-NJ-1

PRODUCT INFORMATION: SUPER CRAB-E-RAD (Calcium Acid Methanearsonate) is a pre-emergence turfgrass herbicide for control of crabgrass, banyard grass, witchgrass, and Quail. May be used on fescue, lucky blue, red top, fescue and zoysia grasses.

It is a violation of Federal Law to use this product in a manner inconsistent with the labeling. Do not use on grass grown for seed. Do not use on drainage waters from turf treated areas. Do not use drainage waters from turf treated areas.

SUPER CRAB-E-RAD Calar is most effective with cool weather but has worked effectively at 70°F with high humidity. Apply to weeds when actively growing.

**RATE OF APPLICATION**  
(for 80°F. and above)

Rate	Amount Water
8 oz.	5-10 Gallons
2 1/2 Gallon	50-100 Gallons

- SUPER CRAB-E-RAD Calar may be used on Bent grass at the rate as recommended above to treat the same area. In Spring and Fall, use twice the rate as recommended for Bent grasses other than Bent. The amount of water applied should be changed regardless of the quantity of chemical applied or reticulating solution in spray tank prior to application. Increase effectiveness of chemicals through greater coverage. Add one quart (1 qt.) of a suitable surfactant to the spray mixture.
- (1) Be sure soil is moist before treatment. During application.
  - (2) Use a fixed boom power spray properly calibrated for delivery.
  - (3) Normal rainfall following application will be helpful in keeping soil moist day after application ends.
  - (4) Two applications 5-7 days apart are usually recommended. New turf should not be treated until the recommended rate is used, most grasses including Bent grass show discoloration. Normal color will return in a few days.
  - (5) Do not apply with hose-end applicators.

Do not spray or allow to drift onto desirable flowers, shrubs, trees, lakes or streams. Coarse sprays are less likely to drift onto seeds.

Clean equipment after use by flushing with water.

### STORAGE AND DISPOSAL

**PROHIBITION:** Do not store near feed or food. **PESTICIDE DISPOSAL:** Do not contaminate water, soil, or food with disposal. Pesticide wastes are toxic. Improper disposal, or resale is a violation of Federal Law. For more information, contact your local Environmental Control Agency, or the Hazardous Waste Management and Emergency Response (HWEM) Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) and then recycle where allowed by state and local authorities, by burning.

**NOTICE:** Buyer assumes all responsibility for safe use. See directions.

BEFORE USING ANY HERBICIDE, ST

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**

AUG 3 1992

Under the Federal Insecticide  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

2853-11

RECEIVED  
EPA REGISTRATION DIVISION  
WASHINGTON, D.C.

401

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Vineland Chemical Company, Inc.  
c/o E. David Lewis  
Fazianos Assoc.  
1338 G. Street, S.E.  
Washington, D.C. 20003

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Super Dal-E-Rad Calar  
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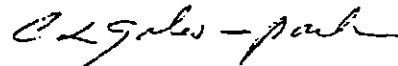
- Correct the brand name on the label to read "Super Dal-E-Rad Calar" which is the accepted brand name for this product.

2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

If you intend to have "Super Crab-E-Rad Calar" as an alternate brand name you should submit an application of amended registration requesting this.

Sincerely yours,



Cynthia Giles-Parker  
Product Manager (22)  
Fungicide Herbicide Branch  
Registration Division (H7505C)

Enclosure

**BEST AVAILABLE COPY**



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

BEST AVAILABLE COPY

# SUPER CRAB-E-RAD CALAR

FOR CRABGRASS CONTROL

LIQUID HERBICIDE

ACTIVE INGREDIENT:

Calcium Acid Methanearsonate ..... 10.3%

INERT INGREDIENT: ..... 89.7%

Total ..... 100.0%

Total Arsenic as elemental,  
all in water soluble form ..... 5.0%

CAMA per gallon ..... 1 lb.

KEEP OUT OF THE REACH OF CHILDREN  
CAUTION:

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

~~Wear protective clothing when handling or applying this product including long  
sleeved shirt, and impervious gloves and boots.~~

~~It is harmful if swallowed or inhaled. Avoid breathing spray mist. (Coarse sprays are less  
likely to drift.) Avoid contact with eyes, skin or clothing. Causes eye irritation. Wash  
thoroughly with soap and water after handling. Remove contaminated clothing and  
wash before reuse. Keep children and domestic animals off treated areas until  
grass has dried.~~

### STATEMENT OF PRACTICAL TREATMENT

If swallowed, call a physician immediately. Drink 1 or 2 glasses of water and induce  
vomiting by touching back of throat with finger. Do not induce vomiting or give  
anything by mouth to an unconscious person.

If on skin, wash with plenty of soap and water. Get medical attention if irritation per-  
sists.

If inhaled, remove victim to fresh air. Apply artificial respiration, preferably mouth to  
mouth, if indicated.

If in eyes, flush with plenty of water. Get medical attention if irritation persists.

### ENVIRONMENTAL HAZARDS

Do not contaminate waters used by wildlife, aquatic life, domestic animals or waters  
used by irrigation. For terrestrial uses, do not apply directly to water, or to areas  
where surface water is present or to intertidal areas below the mean high water  
mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

A Product Manufactured by The Vineland Chemical Co.

VINELAND CHEMICAL COMPANY

1611 W. WHEAT RD., VINELAND, NEW JERSEY 08360 • 609 694-3535



NET CONTENTS 5 GALLONS

EPA Reg. No. 2053-11  
EPA Est. No. 2053-NJ-1

PRODUCT INFORMATION: SUPER CRAB-E-RAD Calar (Calcium acid methanearsonate) is a post-emergence herbicide. Used to control barnyard grass, wild rice, and foxtail. May be used on bermudagrass, red top, fescue and zoysia grasses. Do not use on

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with labeling. Do not use on grass grown for seed. Do not allow livestock to graze. Do not use drainage water from turf treated with this product.

SUPER CRAB-E-RAD Calar is most effective when applied to warm weather but has worked effectively at temperatures as low as 50°F with high humidity. Apply to weeds when actively growing.

### RATE OF APPLICATION (for 80°F. and above)

Rate	Amount Water
8 oz.	5-10 Gallons
2 1/2 Gallon	50-100 Gallons

SUPER CRAB-E-RAD Calar may be used on Bermudagrass Greenhouse as recommended above to treat the same area. For temperatures in Spring and Fall, use twice the rate as specified in the label. The amount of water to cover a given area should be changed regardless of the quantity of chemicals used. Thoroughly agitate solution in spray tank prior to application. To increase effectiveness of chemicals through greater leaf absorption, add one quart (1 qt.) of a suitable surfactant to each 50 gallon of solution.

- (1) Do not use if soil is moist before treatment. During dry spells, water before application.
- (2) Use a fixed boom power spray properly calibrated to a uniform application.
- (3) Normal rainfall following application will not adversely affect the keeping soil moist day after application and especially during the first 24 hours.
- (4) Two applications 5-7 days apart are usually required for complete control but should not be treated until the third mowing. If a second rate is used, most grasses including Zoysia will show discoloration. Normal color will return in a few days.
- (5) Do not apply with hose end applicators.

Do not spray or allow to drift onto desirable flowers, trees, shrubs, lawns, or streams. Coarse sprays are less likely to drift onto desirable plants.

Clean equipment after use by flushing with water.

### STORAGE AND DISPOSAL

PROHIBITION: Do not store near feed or food products. PESTICIDE DISPOSAL: Do not contaminate water, food, or feed. Pesticide wastes are toxic. Improper disposal of pesticide mixture, or waste is a violation of Federal Law. If these wastes are not used according to label instructions, contact your State Environmental Control Agency, or the Hazardous Waste representative of the EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent) then recleanse, or puncture and dispose of in a sanitary landfill, or incineration, or as directed by state and local authorities, by burning. If burned, notice: Buyer assumes all responsibility for safety and use according to directions.

BEFORE USING ANY HERBICIDE STOP AND READ LABEL

