



ucb chemicals corporation

CARBAMATE

FUNGICIDE

For Agricultural or Commercial Use Only

Net Weight 55 lbs. (25 kg)

ACTIVE INGREDIENT:	By Weight
Ferbam (Ferric dimethyl dithiocarbamate)	76.0%
INERT INGREDIENT:	24.0%
	100.0%

CAUTION

KEEP OUT OF REACH OF CHILDREN

For Emergency Assistance Call (804) 484-5000

See Other Panels for Additional Precautionary Information

ACCEPTED

AUG 11 1987

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this pesticide is registered under EPA Reg. No. 45728-7

PRECAUTIONARY STATEMENTS

Hazards to Humans (& Domestic Animals)

Caution

May cause irritation of eyes, nose, throat and skin! Avoid breathing dust or spray mist. Avoid contact with eyes, skin or clothing. In case of contact, flush with plenty of water; for eyes, get medical attention.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Do not allow this material to drift onto neighboring crops or non-crop areas or use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues or other undesirable results may occur.

PHYSICAL OR CHEMICAL HAZARDS

Keep packages or dust away from sparks, flames or hot surfaces.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried.

EPA Reg. No. 45728-7

Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure. An example of such information is given under written warnings. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

CAUTION

Area treated with Carbamate on (insert date). Do not enter without appropriate protective clothing until sprays have dried (insert State Department of Agriculture's reentry interval, if more restrictive).

In case of accidental exposure to pesticide spray or dust, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eye, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.

EPA Est. 32557-B

ucb chemicals corporation
PORTSMOUTH, VIRGINIA 23704

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STORAGE AND DISPOSAL

Pesticide Storage

Keep away from fire and sparks.

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call UCB at (804) 484-5000.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Mixing Instructions: Fill the spray tank one-fourth to one-third full with clean water. Start agitation (proper agitation creates a rippling or rolling action on the liquid surface). Add Carbamate at the recommended rate. Mix thoroughly. Add water to fill spray tank. Maintain sufficient agitation during mixing and spraying operations to ensure a uniform spray mixture.

Where this material is used with Lead Arsenate, no lime need be used as a safener, since this material is itself a good safener for Lead Arsenate. Observe all cautions and limitations on labeling of all products used in mixtures.

Observe days interval between last application and harvest indicated by number in () following crop.

Apples (7): For early season control of Scab, Cedar Rust, Blotch — Use 1 to 1½ pounds of this material, or ½ pound plus 3 pounds Kolo spray or Kolog, per 100 gallons of water in prebloom, calyx and early cover sprays. For Rust control, make an additional bloom application using ½ pound per 100 gallons of water. For late season control of Scab, Black Rot, Bitter Rot, Sooty Blotch, Fly Speck, and Brooks' Spot — Use ¾ pound per 100 gallons of water. Where Bitter Rot and Brooks' Spot are severe problems increase dosage to 1½ to 2 pounds per 100 gallons of water. On Golden Delicious, Jonathan, Baldwin and other varieties of Apples which are especially apt to Russet, some injury may result from the use of this type of material if used in the early season or bloom applications. The best time for use is in the cover sprays.

When used in combinations with sulfur, do not apply within 10 days to 2 weeks of an oil spray nor just prior to or during period of excessively high temperatures.

Cabbage (Plant Beds Only): Downy Mildew — Use 1½ pounds per 100 gallons of water, making 2 or 3 applications each week.

Cherries (0): Brown Rot, Leaf Spot — Use 1½ pounds per 100 gallons of water in petal fall and cover sprays.

Citrus (0) (Grapefruit, Lemons, Limes, Oranges, Tangerines, Tangelos): Scab — Use 1½ pounds per 100 gallons of water. Do not apply more than 1000 gallons of spray per acre. Apply during prebloom periods and when ½ of petals have fallen. May be applied in late summer or early fall if a heavy flush of growth appears.

Cranberries: Fruit Rot — Use 2 pounds per 100 gallons of water. Begin applications early in blossoming period and repeat at two week intervals for a total of 5 applications. Do not apply within 28 days after mid-bloom. Fairy Ring — Use 9 pounds per 100 gallons of water and apply 1 gallon of this mixture to a one foot square area. Treat an area 3 feet beyond the advancing line of dead vines and 2 feet within this line. Apply in the fall immediately after harvest.

Grapes (7): Black Rot — Use 2 pounds per 100 gallons of water, applying just before bloom, just after bloom and as disease conditions warrant. Do not make more than 3 applications per season.

Ornamentals: Black Spot and Rust on Roses; Rust on Snapdragons and Carnations; Leaf Spot on Chrysanthemums; Botrytis Blight on Peonies and Tulips — Use 1 to 1½ pounds per 100 gallons of water, applying at 7 to 10 day intervals during growing season.

Peaches (21): Leaf Curl — Use 1½ pounds per 100 gallons of water. Apply in the fall after leaves drop or in the spring before buds begin to swell.

Pears (7): Scab, Sooty Blotch — Use 1½ pounds per 100 gallons of water in pink, calyx, first and second cover sprays, and 1 pound in summer sprays.

Pines: Fusiform Rust of Seedlings — Use 1 to 2 pounds per 100 gallons of water. Apply at 3 to 7 day intervals as needed, beginning when plants emerge. Southern Cone Rust (Cronotium Sirobinum) in Slash and Long Leaf Pines — Use 2 pounds per 100 gallons of water plus 4 to 8 ounces of suitable spreader-sticker. Begin at time of flowering when strobili are emerging from bud scales. Repeat at 5 day intervals until conelet stage. Direct spray to flower-bearing portions of tree crowns.

Tobacco (Plant Beds): Blue Mold — Use 2 to 3 pounds per 100 gallons of water. Apply at the rate of 3 gallons per 100 square yards when plants are small, increasing to 6 gallons when plants are ready for transplanting. Begin applications when plants are the size of a dime, or when Blue Mold is reported in the area, and repeat twice weekly until plants are transplanted.

Tomatoes: Gray Mold (Botrytis) — Use 3 pounds per 100 gallons of water. Spray for complete coverage. Make seed bed application just before seedlings break the soil surface and repeat at 7 day intervals. Make field application when disease threatens and repeat at 7 to 10 day intervals as necessary to maintain control.

Dealers Should Sell in Original Packages Only.

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: UCB makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Except as warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk.

Use of Product: UCB's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, express or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.



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Portsmouth, Virginia 23704

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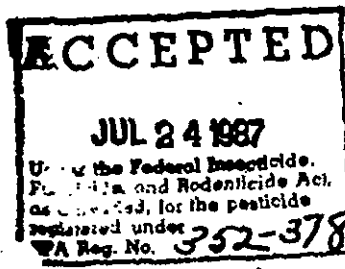
AGRICULTURAL BULLETIN

DU PONT

VELPAR® HERBICIDE
SEEDLING ALFALFA
STATE OF CALIFORNIA

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PMA
352-3

SUPPLEMENTAL LABELING
EPA REG. NO. 352-378



VELPAR® HERBICIDE
FOR CONTROL OF CERTAIN WEEDS IN SEEDLING ALFALFA
IN THE STATE OF CALIFORNIA

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

GENERAL INFORMATION

Du Pont Velpar® Herbicide is recommended for control or suppression of certain weeds in seedling alfalfa in the State of California.

Sufficient moisture is necessary to activate the herbicide. Best results are obtained when 1/2 to 1" of rainfall or sprinkler irrigation occurs within two weeks after application, and when soil is moist at time of application, and weeds have not germinated or are less than 2" tall or across.

Since the effect of "Velpar" on alfalfa varies with soil conditions, uniformity of application, environmental conditions and stage of growth of the alfalfa, it is suggested that growers limit their first use to small areas.

HOW TO USE

Treat only stands of alfalfa that were planted in the fall where root growth exceeds 6 inches in length, and vegetative top growth has lateral development of secondary growth. The alfalfa must be healthy, vigorous and not under stress from weather conditions, insect or disease damage. Do not use on alfalfa-grass mixtures or on other mixed stands.

Make a single application of "Velpar" at 1/3 to 1/2 pound per acre during winter months when alfalfa plants are in the least active stage of growth.

Apply "Velpar" using a fixed boom power sprayer or aerial equipment. Before spraying, calibrate equipment to determine the quantity of water necessary to uniformly and thoroughly cover the vegetation in a measured area to be treated. The sprayer must be properly calibrated to a constant speed and rate of delivery. Avoid overlapping and shut off spray booms while starting, turning, slowing or stopping to prevent crop injury.

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Add the "Velpar" to a water-filled tank. Agitate for approximately 10 minutes vigorously enough to prevent settling in order to dissolve the product. Use at least 10 gallons of water for each pound of "Velpar". Apply in at least 20 gallons of water per acre using ground equipment and 5 to 10 gallons of water using aerial equipment. Use of concentrations greater than shown in the Water/Temperature Solubility Table on the "Velpar" package label may result in nozzle plugging and uneven application.

"Velpar", when applied pre-emergence or early post-emergence to the weeds, will provide suppression or control of the following winter annual weeds:

1/3 to 1/2 lbs./Acre

- Black mustard
- Common chickweed^(s)
- Common groundsel
- Fiddleneck^(s)
- Filaree^(s)
- Lon/on rocket
- Shepherd's-purse

^(s)Suppression of these weed species will occur at the lower use rate. Suppression is an observable reduction in weed competition as compared to an untreated area. Degree of suppression can vary with soil type, environmental conditions, and size of weeds at time of application.

NOTE:

Because crop injury may result, do not apply to actively growing seedling alfalfa. Do not apply to alfalfa-grass mixtures; do not apply to alfalfa growing under stress from insect, disease or winter injury, or showing symptoms of other stress conditions; do not use on hardpan, alkali or poorly drained soils. Extremely heavy rainfall or more than 1" of irrigation soon after application may result in crop injury or non-performance. Seedling alfalfa stands, growth and yields may be reduced following application of "Velpar". Do not use in low desert valleys in California. Temporary yellowing of treated alfalfa foliage may occur following application.

Do not graze or feed treated forage or hay to livestock within 30 days following application.

IMPORTANT

BEFORE USING "VELPAR", READ AND CAREFULLY OBSERVE THE CAUTIONARY STATEMENTS AND ALL OTHER INFORMATION APPEARING ON THE PRODUCT LABEL.

This bulletin contains new or supplemental instructions for use of this product which may not appear on the package label. Follow the instructions carefully.

This labeling must be in the possession of the user at the time of pesticide application.