

PM 25 49517-4

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
49517-4

Date of Issuance:
May 25, 1994

Term of Issuance:
Conditional

NOTICE OF PESTICIDE:
 X Registration
 Reregistration

(under FIFRA, as amended)

Name of Pesticide Product:
Moore Ag Brand
Poly-Foliant VI
Defoliant-Desiccant

Name and Address of Registrant (include ZIP Code):

MOORE AGRICULTURAL PRODUCTS
11521 Excelsior Ave
Hanford, CA 93230

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes listed below before you release the product for shipment:
 - a. Add the phrase, "EPA Reg. No. 49517-4."

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Signature of Approving Official:

Robert J. Taylor

Date:

5/25/94

20/17

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3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Robert J. Taylor
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

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M.A.P.CO.

ACCEPTED
MAY 25 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 49517-4

6 LB. SODIUM CHLORATE
DEFOLIANT-DESICCANT

Active Ingredient:

Sodium Chlorate	47.2%
Inert Ingredients	52.8%
Total	100.0%

KEEP OUT OF REACH OF CHILDREN
DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES, Immediately flush with water for 15 minutes. Get medical attention.

IF ON SKIN, Immediately wash with plenty of soap and water. Get medical attention if irritation persists.

IF SWALLOWED, Immediately drink a large quantity of either milk, egg whites or gelatin solution. If these are not available, drink a large quantity of water. Avoid alcohol. Get medical attention.

NOTE TO PHYSICIAN:

Probable mucosal damage. Use of gastric lavage may be contraindicated.

Net contents: _____

EPA Reg. No. 49517-3

EPA Est. No. 49517-TX-001
49517-CA-001

Manufactured By:
Moore Agricultural Product Company, Inc.
Hanford CA Munday TX

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER: Corrosive. Causes eye damage and skin irritation. Harmful or fatal if swallowed, absorbed through the skin or inhaled. Do not get in eyes, on skin or on clothing.

Applications and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant apron when cleaning equipment, mixing, or loading.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

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. Clean and wash spray equipment before and after use and do not allow washwater to contact desirable plants. Do not contaminate water by disposal of equipment washwaters.

PHYSICAL AND CHEMICAL HAZARDS

Sodium chlorate is a strong oxidizing agent. To avoid fire or explosion do not mix with insecticides.

CHEMIGATION PROHIBITION

Do not apply this product through any type of irrigation system.

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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 a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on the label about person protective equipment (PPE) and restricted-entry notification. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standards and that involves contact with anything that has been treated such as plants, soil, or water is: coveralls over short-sleeved shirt and short pants, waterproof gloves, chemical-resistant shoes plus socks, protective eyewear and chemical-resistant headgear for overhead exposure.

) Weather conditions and plant conditions affect defoliation. Weather conditions that favor good defoliation are high temperature, high humidity, low wind velocity, high to adequate soil moisture. Plant conditions which favor good defoliation are ample fertility and moisture, complete insect control. Nutrients should be ample but not too much nitrogen. LEAVES SHOULD BE GREEN AND TURGID (NOT WILTED, TOUGHENED OR STUNNED BY LACK OF FERTILIZERS).

MATURITY - Boll load heavy, most bolls mature, vegetative growth ceased, little or no second growth.

GENERAL INFORMATION

BEANS, DRY - To facilitate harvest and reduce bean seed moisture, apply 1 gallon of 6 lb. Sodium Chlorate in enough water to provide thorough coverage either by aircraft or ground equipment. Make application 7-10 days before anticipated harvest date. Do not apply under conditions of extreme heat during the middle of the day. For air application, use 5-10 gallons of total solution per acre; for ground application, use a minimum of 20 gallons of total solution per acre. Do not graze treated fields or feed treated fodder or forage to livestock.

CHILI PEPPERS - Apply 1/2 to 1-1/4 gallons per acre in 5 to 15 gallons of water by aircraft and 20 to 40 gallons of water by ground rig. To be used on peppers for processing only. Apply 10 days before harvest. When grown for processing, consult a processor before applying.

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GUAR BEANS - To facilitate harvest and reduce bean seed moisture, apply 1 gallon of 6 lb. Sodium Chlorate in enough water to provide thorough coverage either by aircraft or ground equipment. Make application 7-10 days before anticipated harvest date. Do not apply under conditions of extreme heat during the middle of the day. For air application, use 5-10 gallons of total solution per acre; for ground application use a minimum of 20 gallons of total solution per acre. Do not graze treated fields or feed treated fodder or forage to livestock.

COTTON - Defoliation - do not treat later than 7 to 10 days prior to harvest. Thorough coverage of the plant is essential.

AIR APPLICATION: Apply 2 or 3 quarts of 6 lb. Sodium Chlorate per acre in sufficient water to make 4 to 10 gallons total solution per acre. Use the lower rate when plants and weather conditions are ideal for defoliation. Swath width should not exceed wing spread; Altitude and speed of aircraft should be regulated to give sufficient spray coverage. Do not apply during periods of excessive wind as spray may drift and cause defoliation of adjoining cotton or injury to other crops. Do not apply during very high temperature found in some areas at mid-day.

GROUND MACHINE APPLICATION: Apply 2 to 3 quarts of 6 lb. Sodium Chlorate per acre in sufficient water to make 15 to 30 gallons total solution per acre. Cotton defoliant should be applied when 70% of the bolls are open. Poor defoliation often occurs under unfavorable weather, soil mixture, fertility and plant conditions. Uniform defoliation within a field may sometimes be difficult to obtain because of irregular plant conditions. Satisfactory defoliation within a field may not be obtained when cotton plants are suffering from lack of moisture or when plant growth is retarded by cold weather. Do not graze treated areas or feed gin waste to livestock. Flush out equipment with water after each day's work.

FLAX - For use as a harvest aid: to desiccate trashy weeds and desiccate the mature crop, apply 1 gallon of 6 lb. Sodium Chlorate per acre in enough water to give thorough coverage. Make application on bright, sunny days (preferable when temperature is above 60 degrees F.) 7-10 days before anticipated harvest date. For air application, use minimum 5 gallons ready-to-apply material per acre. Activity of the spray will be enhanced by the addition of a good nonionic surfactant at the rate of 1 quart per 100 gallons of spray.

GRAIN SORGHUM - As a desiccant, apply 3 quarts to 1 gallon of 6 lb. Sodium Chlorate per acre 7-10 days before harvest. Application should be made in enough water for thorough coverage. Apply a total of 4 to 10 gallons of spray per acre by air and 10 to 20 gallons per acre by ground equipment.

CORN - 6 lb. Sodium Chlorate may be used as a harvest aid for desiccation of trashy weeds in early maturing corn. Use 1 gallon of 6 lb. Sodium Chlorate in 5 to 7 gallons of water per acre by air. Apply at least 14 days before anticipated harvest date on clear days when temperature is expected to go above 70 degrees F. Use the 5 gallon rate when weeds are small and the crop canopy is fairly open. DO NOT graze treated fields or feed fodder, forage or residual seeds within 14 days of application

RICE - As a pre-harvest desiccant, apply 3 quarts to 1 gallon of 6 lb. Sodium Chlorate in enough water for thorough coverage. By air, use a minimum of 5 gallons per acre. Application should be made 7 to 10 days before harvest. Do not graze treated fields or feed treated straw or crop residues within 14 days of application.

SAFFLOWERS - As a pre-harvest desiccant, apply 1 gallon of 6 lb. Sodium Chlorate per acre in enough water for thorough coverage. By air, apply 5 to 10 total gallons of spray per acre. By ground, apply 20 to 30 gallons of total spray per acre. Application should be made 7 to 10 days before harvest when safflower heads are fully mature. Do not apply later than 7 days before harvest. Do not feed treated forage or graze treated fields. Not for use in California.

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SOYBEANS - As a pre-harvest desiccant, apply 1 gallon of 6 lb. Sodium Chlorate per acre in enough water for thorough coverage. By air, apply a minimum of 5 gallons of spray solution per acre. For ground application, apply a minimum of 20 gallons of spray solution per acre. Application should be made 7 to 10 days prior to normal anticipated harvest. Do not feed treated foliage or graze treated fields. Not for use in California.

SUNFLOWER - As a pre-harvest desiccant, apply 1 gallon of 6 lb. Sodium Chlorate per acre to fully mature seedheads in enough water for thorough coverage. By air, apply 5 to 10 gallons of total spray solution per acre. By ground equipment, apply 20 to 30 gallons of total spray solution per acre. Application should be made 7 days prior to normal harvest. Do not feed treated forage or graze treated fields. Not for use in California.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE INSTRUCTIONS: Storage should be in a cool, dry area away from any heat or ignition source.

PESTICIDE DISPOSAL: Pesticide wastes are acutely toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of 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: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.

CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good application practices, all of which are beyond the control of Moore Agricultural Products Co., Inc. (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning this product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damage and in no event shall damages or any other recovery of any kind against the Company exceed the price of the product which causes the alleged loss, damage, injury, or other claim. The Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income.

The Company; and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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