



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

EPA Reg. Number:
2792-69

Date of Issuance:
AUG 8 1995

Term of Issuance:
Conditional

Name of Pesticide Product:
Decco 270 Aerosol

NOTICE OF PESTICIDE:
 Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

ELF ATOCHEM North America Inc.
1713 S. California Avenue
Monrovia, CA 91016-0120

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. 2792-69".
 - b. The word POISON must be the color red and be on a background of distinctly contrasting color.

Signature of Approving Official:

Date:

AUG 8 1995

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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.

James M. Stone
Acting Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

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DECCO 270 Aerosol

POTATO SPROUT INHIBITOR

ACTIVE INGREDIENT: Chlorpropham* (Isopropyl N-(3-chlorophenyl) carbamate)	By Weight
INERT INGREDIENTS**	78.6%
TOTAL	21.4%
	100.0%

* Contains 7 pounds active ingredient per gallon

** Contains Methanol

FOR AGRICULTURAL USE ONLY



Keep Out of Reach of Children

DANGER - POISON



PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER

Methanol may cause blindness. Do not take internally. Fatal if swallowed. Avoid breathing spray mist or vapor. Avoid contact with skin, eyes, or clothing.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Induce vomiting by placing fingers in back of throat. Get immediate medical attention. Never give anything by mouth to an unconscious person.

IF IN EYES: Flush with plenty of water for at least 15 minutes and see a doctor.

IF ON SKIN: Wash with plenty of soap and water and see a doctor if irritation persists.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

Aug 8 1985

EMERGENCY INFORMATION

For spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, this product is registered with EPA Reg. No. 2792-CA-1.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by disposal of equipment wash waters.

2792-69

PHYSICAL OR CHEMICAL HAZARDS

Flammable - Keep away from heat, sparks, and open flame. Keep container closed. Use with adequate ventilation.

Net Contents: 5 gallons

EPA Reg. Number 2792-
EPA Est. Number 2792-CA-1

DIRECTIONS FOR USE

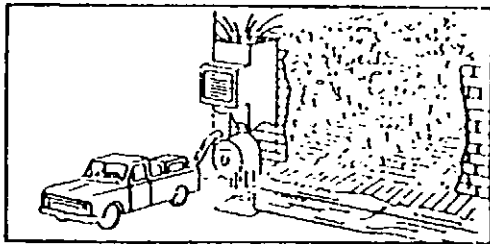
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

NOTICE

- Decco 270 is used as an aerosol for treating potatoes for sprout inhibition during storage.
- If entry into the storage area is necessary during or immediately following application before the fog has settled, protective clothing and respirators must be worn.
- Do not apply in the field.
- Do not use on seed potatoes.
- Do not allow vapors to come in contact with, or get near to, storage areas used for seed potatoes.
- Let six months elapse before using treated storage area for seed potatoes. All system components (including ducts) and building must be thoroughly cleaned before area is used for storage of seed potatoes.
- Decco 270 will prevent penderm formation of potatoes, therefore, it should be used only after bruises and cuts have healed (normally minimum of two weeks).

FORCED AIR DISTRIBUTION METHOD

1. Assemble unit as shown. Insert aerosol generator intake hose in Decco 270 Aerosol container.
2. Set air ducts for recirculation.
3. Place exhaust end of aerosol generator at center of plenum (air mixing chamber) pointing it in direction of air flow. This will assure the best possible distribution of Decco 270 Aerosol throughout the duct system





TREATMENT OF STORAGE OR OTHER AREAS THAT DO NOT HAVE RECIRCULATING AIR SYSTEMS

Prior to placing the potatoes in the area to be treated, make the following preparations:

1. On the floor of the area, install an air duct approximately 12 inches by 12 inches running the length or width of the potato pile leaving a false wall space at both ends for air circulation. The ducts should be spaced 10 to 12 feet apart and can be perforated metal pipe, slotted wood construction or if the potatoes are in bags, by bridging a 12 inch space between two rows of bags in the bottom layer with bags placed crosswise of the space.
2. At the end of each duct in the false wall space where the fog is to be introduced, place a squirrel cage fan positioned to force air through the duct. The exit end of the duct must be blocked to force the air up through the piled potatoes.

When the area is filled and ready to treat, the following steps should be taken:

- a. Close off any ventilating systems
- b. Start the squirrel cage fans
- c. Introduce the fog as near as possible to the bottom of the false wall space containing the fans.
- d. Operate the fans until the fog has settled
- e. Reactivate the ventilation systems 4 hours following application or when the fog has settled.

Note: When treating small areas such as trailer trucks or railroad cars, it is recommended that low volume aerosol generators such as a "Swing Fog" is to be used.

APPLICATION

Application of Decco 270 Aerosol can be made anytime after the curing period and before sprouting of potatoes occurs.

One gallon of Decco 270 Aerosol is normally enough to treat 4200 cwt (7000 bushels) of stored potatoes. Apply at a rate of 1.0 lb active ingredient per 600 cwt (1000 bushels) of potatoes (see table below for conversion).

Once opened use the entire contents of the container.

1 cwt = 1.67 bushels = 2.5 cubic feet; 1 bushel = 60 pounds = 1.5 cubic feet

RECOMMENDED CHLORPROPHAM RATE

	TIME Months	STORAGE TEMPERATURE		
		40°F	45°F	50°F
	1	80%	90%	100%
	2	85%	95%	105%
	3	90%	100%	110%
	4	95%	105%	115%
	5	100%	110%	120%
	6	105%	115%	125%
	7	110%	120%	130%
	8	115%	125%	135%
	9	120%	130%	140%
	10	125%	135%	145%

To calculate the rate needed use the following formula:
 % of Standard Application Rate = $(2 \times T) + \{(5 \times M) - 5\}$
 Where: Standard Application Rate = 1 pound active ingredient/600 cwt
 T-Storage Temperature
 M-Number of Months Storage Time
 Example Calculation: (Potatoes stored at 45°F for six (6) months)
 Required Rate = $\{(2 \times 45) + (5 \times 6) - 5\} - 115\%$

Chart assumes treatment soon after suberization time

Extended Storage - If the potatoes are hold in storage longer than originally anticipated, the potatoes may be retreated. Using the above chart, the retreatment dosage is equal to the total amount required for the extended storage time less the amount used for the original storage time. For example, potatoes stored at 45°F were treated based on a two (2) month storage period. A decision was made to extend storage to five (5) months (three months in addition to original 2 months). The total extended storage would require a total of 110% of the standard rate; the original treatment would have used 95% of the standard rate. In this case, retreatment would require 15% (110%-95%) of the standard treatment.

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STORAGE AND DISPOSAL

STORAGE:

Keep container closed. Do not contaminate water, food or feed by storage or disposal. This product inhibits germination of seed potatoes. Flammable. Keep away from heat or open flame. At 140°F the formulation will lose methanol, the vapors of which are flammable. Notice: Vent container before heating to prevent pressure build-up. Avoid storage below freezing temperatures. Storage below 35°F may cause crystal formation. Warming contents and agitation will restore material to usable condition, but do not heat above 140°F.

PESTICIDE:

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:

Do not reuse the container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

WARRANTY AND DISCLAIMER

ELF ATOCHEM NORTH AMERICA warrants that this material conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the Direction for use, subject to the risks referred to therein. ELF ATOCHEM NORTH AMERICA MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL ELF ATOCHEM NORTH AMERICA OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS REPUTATION, OR CUSTOMERS; LABOR COST, OR OTHER EXPENSES INCURRED IN REPACKAGING, SORTING OR REPROCESSING.

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DECCO DEPARTMENT
Agrichemicals Division

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