



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

EPA Reg.  
Number:  
2749-517

Date of Issuance:  
**MAY 25 1995**

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

Term of Issuance:  
Conditional

Name of Pesticide Product:  
CIPC 7A

Name and Address of Registrant (include ZIP Code):

Aceto Agriculture Chemicals Corp.  
One Hollow Lane  
Lake Success, NY 11042

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. 2749-517".

b. In the Environmental Hazards section delete the superseded statement "Do not contaminate water by cleaning of equipment or disposal of wastes".

Signature of Approving Official:

Date:

**MAY 25 1995**

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

**AEROSOL GRADE POTATO SPROUT INHIBITOR  
 ONE GALLON OF SPROUT NIP AEROSOL GRADE WILL  
 TREAT 4200 CWT OF POTATOES (210 TONS).**

REGISTRATION  
 STATEMENTS  
 In EPA Letter Dated:

**MAY 25 1995**

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

2749-517

<b>ACTIVE INGREDIENT:</b>	<b>By Wt.</b>
*Chlorpropham .....	78.5%
<b>INERT INGREDIENTS:</b> .....	<u>21.5%</u>
<b>TOTAL</b>	<b>100.0%</b>

\*Isopropyl N-(3-chlorophenyl) carbamate  
 Contains 7 pounds active ingredient per gallon.  
 Contains methanol.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**



**POISON**

**FATAL IF SWALLOWED. DO NOT TAKE INTERNALLY.**

**PRECAUTIONARY STATEMENTS  
 HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**DANGER**

Methanol may cause blindness. 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. Note to Physicians: Emergency Information—call CHEMTREC (800) 424-9300.

## ENVIRONMENTAL HAZARDS

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.

Do not contaminate water by disposal of equipment washwaters

## PHYSICAL OR CHEMICAL HAZARDS

All combustible aerosols present the possibility of explosion hazard in confined areas if the lower limit for combustion is exceeded. Keep the concentration of CIPC 7A aerosol below 3.7 gallons of formulation per 10,000 SCF of air. Flammable. Keep away from heat and open flame.

## DIRECTIONS FOR USE

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

READ ENTIRE LABEL AND USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

## STORAGE AND DISPOSAL

**PROHIBITIONS:** Keep container closed. Do not contaminate water, food, or feed by storage or disposal. This product inhibits germination of seed potatoes. Open dumping is prohibited.

**STORAGE:** Avoid storage below freezing temperatures. Storage below 35°F may cause crystal formulation. Warming contents and agitation will restore material to usable condition, but do not heat above 140°F. At 140°F the formulation will lose methanol, the vapors of which are flammable.

**Notice:** Vent container before heating to prevent pressure build-up. For help with any spill, leak, fire or exposure to involving this material, call day or night CHEMTREC (800) 424-9300.

**PESTICIDE DISPOSAL:** This product is acutely hazardous. 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: Metal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures allowed by state and local authorities. **Plastic:** 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.

## NOTICE

CIPC 7A 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. This inhibition of sprouting at recommended rates is usually effective up to a year regardless of removal from storage.

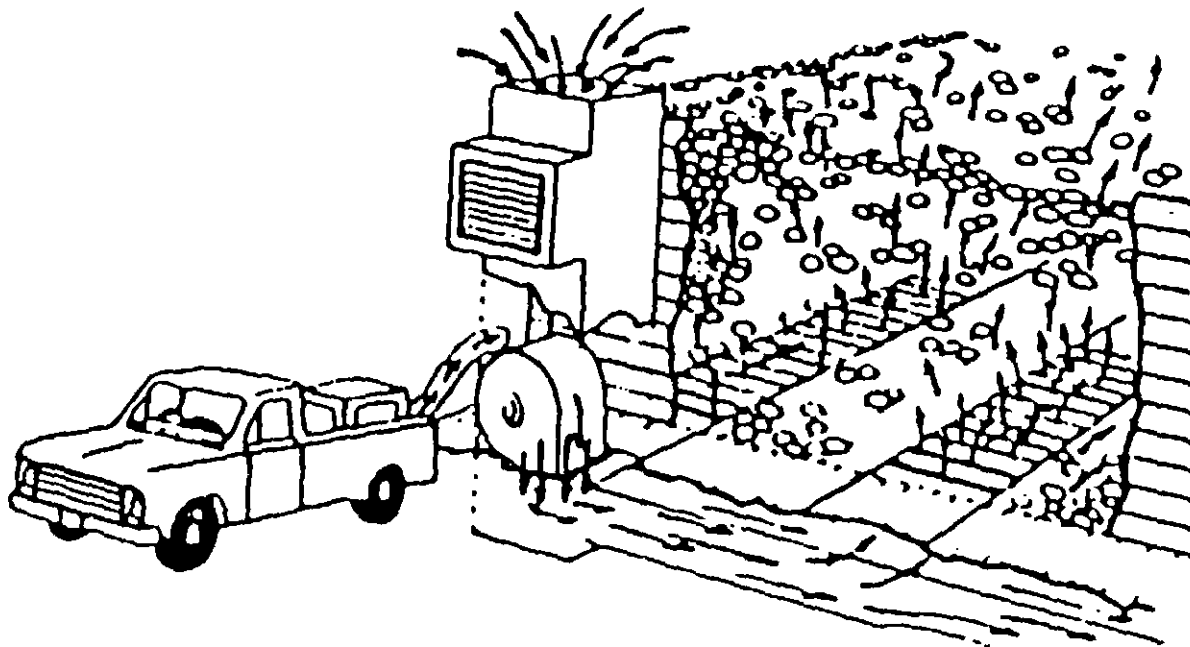
Do not allow vapors to come in contact with, or get near to, storage areas used for seed potatoes.

Let six months elapse before using treated storage area for seed potatoes.

CIPC 7A will prevent wound periderm formation of potatoes, therefore, it should be used only after bruises and cuts have healed (normally maximum of two weeks.)

## FORCED AIR DISTRIBUTION METHOD

1. Assemble it as shown: Insert aerosol generator intake hose in 7A cont. J. C
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 CIPC 7/A 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 being 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 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 exhaust 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:

1. Close off any ventilating systems.
2. Start the squirrel cage fans.
3. Introduce the fog as near as possible to the bottom of the false wall space containing the fans.
4. Operate the fans until the fog has settled.
5. Reactivate the ventilation system 4 hours following application or when 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 "Swing Fog" be used.

Application of CIPC 7A can be made anytime after the ending period and before sprouting of potatoes occurs.

1. Apply at rate of 1 pound active ingredient per 1,000 bushels (600 cwt). One gallon coats 7,000 bushels (4,200 cwt). Treat according to volume of storage (see table below for conversion).
2. Use FORCED AIR recirculation through the pile at a rate of 0.005 CFM per cwt of potatoes. Check for uniform air distribution throughout the potato pile.
3. Keep storage closed during application. Continue to recirculate air in storage for at least 4 hours or until the fog has settled. Return storage to normal ventilation as soon as possible following application.

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

#### RECOMMENDED RATE

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 per 600 cwt

T = Storage Temperature

M = Number of Months Storage Time

Example Calculation (Potatoes stored at 40 F for seven (7) Months)

Required Rate =  $(2 \times 40) + (5 \times 7) - 5 = 110\%$

## TIME

## STORAGE TEMPERATURE

Months	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%	116%	125%
7	110%	120%	130%
8	115%	125%	135%
9	120%	130%	140%
10	125%	135%	145%

Chart assumes treatment soon after suberization time.

Extended Storage - If the potatoes are held 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 40<sup>v</sup> 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 100% of the standard rate: the original treatment would have used 85% of the standard rate. In this case, retreatment would require 15% (100 % - 85%) of the standard treatment.

THE WARRANTY THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF ~~ACT~~ IN NO CASE SHALL ~~ACT~~ BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER. EXCEPT AS EXPRESSLY PROVIDED HEREIN, ~~ACT~~ MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY, OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.



FLAMMABLE LIQUID, NOS UN1993  
(CONTAINS METHANOL)