



SPROUT NIP® 7A



AEROSOL GRADE POTATO SPROUT INHIBITOR.

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

ACTIVE INGREDIENT:		BY WT.
*Chlorpropham	78.5%
OTHER INGREDIENTS:	21.5%
	TOTAL	100.0%

*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.

FIRST AID	
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15–20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15–20 minutes. • Call a poison control center or doctor for treatment advice.
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	

See Side Panel For First Aid And Additional Precautionary Statements.

EPA REG. NO. 34704-614
EPA EST NO. 34704-MT-001
NET CONTENTS 2½ GALS. (9.46 L)

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

Fatal if swallowed or absorbed through skin. Avoid contact with eyes, skin, or clothing. Do not breathe (dust, vapor, or spray mist). Methanol may cause blindness.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on the EPA chemical resistant chart.

Applicators and other handlers must wear:

- Long sleeved shirt and long pants,
- Shoes plus socks, and
- Chemical resistant gloves such as or made of barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton.

From the start of application and continuing until the ventilation requirements are listed on this labeling have been completed, for entry into the enclosed treated area, in addition to the above PPE, handlers must wear:

- A respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter.

If the enclosed area contains less than 19.5 percent oxygen, the respirator must be one of the following types: a supplied-air respirator (MSHA/NIOSH approval number prefix TC-21C) or a self contained breathing apparatus (SCBA) (MSHA/NIOSH approval number prefix TX-13F).

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 outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply 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 disposal of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store the product near heat or open flame. All combustible aerosols present the possibility of explosion hazard in confined areas if the lower limit for combustion is exceeded. Keep the concentration of SPROUT NIP® aerosol below 3.7 gallons of formulation per 10,000 SCF of air. Consult the SPROUT NIP Aerosol Guide for further information.

DIRECTIONS FOR USE

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

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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.

ENTRY RESTRICTIONS

Do not enter or allow any person, other than a person equipped with the appropriate respirator, to enter the treated area until the area has been ventilated. Ventilation may be for either total of two (2) hours with fans or other mechanical ventilation or four (4) hours with windows, vents, or other passive ventilation, or until such time that there have been 10 complete air exchanges. The ventilation time may be interrupted, i.e., the time may be accumulated at sporadic intervals, such as 15 minutes of ventilation followed by a period with no ventilation, until the total required ventilation time has accumulated.

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

NOTICE

SPROUT NIP is used as an aerosol for treating potatoes for sprout inhibition during storage.

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 storage of seed potatoes. SPROUT NIP will prevent wound periderm 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 to SPROUT NIP 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 SPROUT NIP throughout the duct system.

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

Prior to placing the potatoes in the areas being treated, make the following preparations:

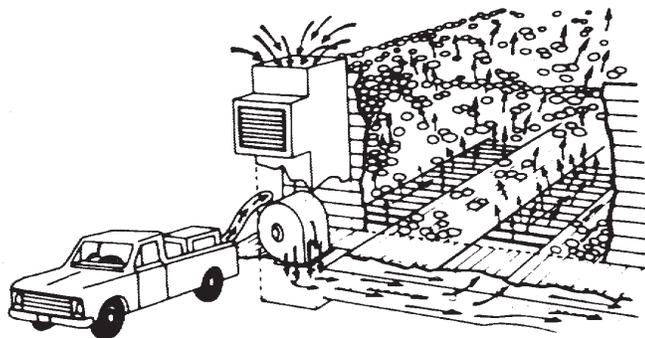
1. On the floor of the area, install an air duct approximately 12 inches by 12 inches running the length or width of the potato pile leaving a false wall space at both ends for air circulation. The ducts should be spaced 10 to 12 feet apart and can be perforated metal pipe, slotted wood construction 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.

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APPLICATION

Application of SPROUT NIP can be made anytime after the curing period and before sprouting of potatoes occurs.

1. Apply at a rate of 1 lb active ingredient per 1,000 bushels (600 cwt). One gallon treats 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 rate of 1/2 CFM per bushel of potatoes (0.8 CFM per cwt of potatoes).
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 bu = 2.5 cubic feet

1 bu = 60 lbs = 1.5 cubic feet

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Avoid storage below freezing temperatures. Storage below 35°F may cause crystal formation. Warming contents and agitation will restore material to usable conditions, 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.

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: Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact The Agricultural Container Recycling Council (ACRC) at www.acrecycle.org. If not recycled, then 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.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

For packages up to 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

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Storage & Disposal cont'd.:

For packages greater than 5 gallons and less than 56 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure**

rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

For packages greater than 56 gallons: To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

For refillable containers: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC – 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY, CO 80632-1286.

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