

# POTATO SPROUT INHIBITOR

## AEROSOL GRADE SPROUT NIP 7A

CONTAINS 7 POUNDS ACTIVE INGREDIENT  
PER GALLON

ACTIVE INGREDIENT

Isopropyl methanolate 78.5%

INERT INGREDIENTS 21.5%

78.5%

21.5%

100%

Contains methanol

ACCEPTED  
JUN 25 1965  
EPA  
748-234

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

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### **DANGER!**

Methanol may cause blindness.  
Fatal if swallowed  
Avoid breathing spray mist or vapor  
Avoid contact with skin, eyes, or  
clothing

#### **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

SEE RIGHT PANEL  
FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

**☠ POISON ☠**

KEEP OUT OF REACH OF CHILDREN

**DANGER!** HARMFUL IF SWALLOWED  
DO NOT TAKE INTERNALLY

NET CONTENTS FIVE GALLONS

E.P.A. Reg. No 748-234  
E.P.A. EST 748-OH-01  
E.P.A. EST. 32761MO-3



# DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING

## PRECAUTIONARY STATEMENTS

### Environmental Hazards

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes

### Physical and 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 Sprout Nip<sup>®</sup> aerosol below 1.7 gallons of formulation per 10,000 SCF of air. Consult the PPG Sprout Nip Aerosol Guide for further information.

Flammable. Do not use or store near heat or open flame.

## STORAGE AND DISPOSAL

Keep container closed. Do not contaminate water, food, or feed by storage or disposal. This product inhibits germination of seed potatoes

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. At 140°F the formulation will lose methanol, the vapors of which are flammable. Notice: Vent container before heating to prevent pressure build up

Any Sprout Nip or rinse water that cannot be used according to label instructions must be disposed of according to approved state procedures under Subtitle C of the Resource Conservation and Recovery Act

Do not reuse container. Triple rinse, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other approved state and local procedures

## NOTICE

Sprout Nip<sup>®</sup> 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 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

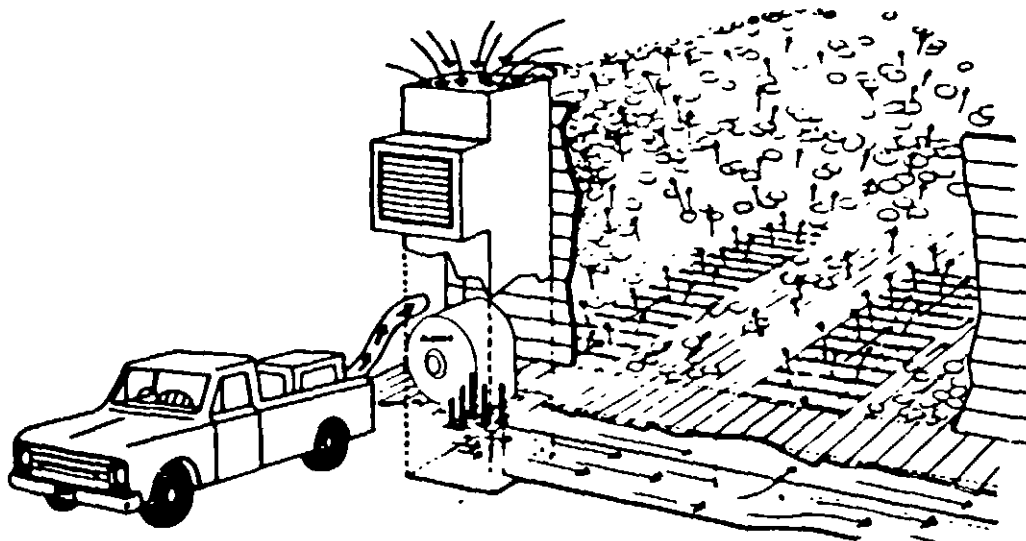
2. Set air ducts for recirculation.

3. Place exhaust end of aerosol generator at center of plenum (air mixing chamber) pointing in direction of air flow. This will assure the best possible distribution of Sprout Nip throughout the duct system

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.



FLAMMABLE LIQUID RDS UN1993



## 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 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

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 be used

## APPLICATION

Application of Sprout Nip can be made anytime after the curing period and before sprouting of potatoes occurs

1. Apply at 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 (8 CFM per cwt of potatoes)

3. Keep storage closed during application and for the following 4 hours and continue to recirculate air in storage until the fog has settled. Stop recirculation and seal the storage area until the fog has settled. Return storage to normal ventilation as soon as possible following application.

1 cwt = 167 bu = 2.5 cubic feet  
1 bu = 60 lbs = 1.5 cubic feet

## CONDITIONS OF SALE

PPG Industries, Inc. the manufacturer, warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose express or implied extends to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to manufacturer, and buyer assumes the risk for any such use

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4 hours following application or when the fog has settled.

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



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normal ventilation as soon as possible following application.