



# Amplify<sup>®</sup> II

## AEROSOL GRADE POTATO SPROUT INHIBITOR.

<b>ACTIVE INGREDIENT:</b>	<b>BY WEIGHT</b>
2, 6-Diisopropyl naphthalene .....	99.83%
<b>OTHER INGREDIENT:</b> .....	<u>0.17%</u>
	<b>TOTAL</b> <b>100.00%</b>

Covered under U.S. Patent Number 5,622,912

### KEEP OUT OF REACH OF CHILDREN CAUTION

#### FIRST AID

<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

#### HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.**

**EPA REG. NO. 34704-1048**

**EPA EST. NO. 85529-DEU-001**

**NET WEIGHT 5 LBS. (2.26 KG)**

112009 V2D 10R10

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

Harmful if inhaled, swallowed, or absorbed through skin. Causes moderate eye irritation. Avoid breathing vapors or fog. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT FOR HANDLERS**

When handling Amplify® II during the application period, personal protective equipment (PPE) including chemical-resistant gloves, long-sleeve shirt, long pants, shoes and socks and 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 must be worn. If entry into the storage area is necessary during application or after application and before the ventilation period (defined below) has expired, PPE including chemical resistant gloves, long sleeve-shirt, long pants, shoes and socks and a respirator (as described above) must be worn.

Do not enter or allow any person, other than a person equipped with the appropriate handler personal protective equipment including the appropriate respirator (as described above), to enter the treated area until the area has been ventilated. Ventilation may be for either a 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.

During cleanup procedures PPE including chemical resistant gloves, long-sleeve shirt, long pants, rubber boots and socks, and a respirator (as described above) must be worn.

**PERSONAL PROTECTIVE EQUIPMENT FOR WORKERS**

Workers handling wet potatoes after the ventilation period (as described above) is complete, must wear chemical resistant gloves.

**DIRECTIONS FOR USE**

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

**NOTICE**

Amplify II 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.

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

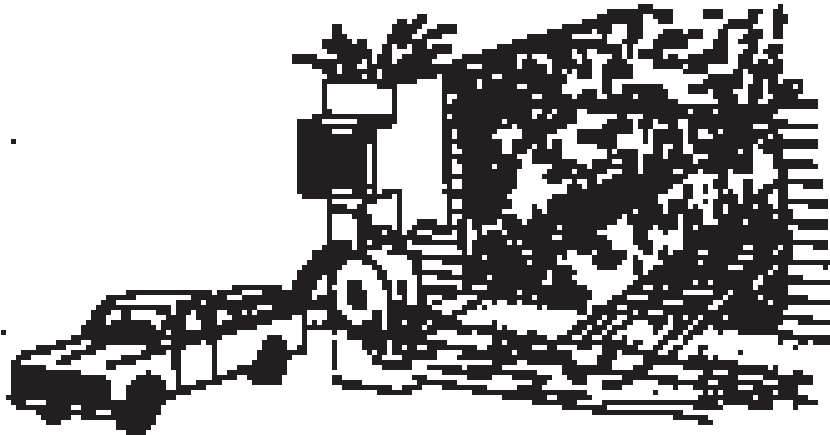
Let 15 days elapse before using treated storage area for seed potatoes. Air system components (including ducts) and building must be thoroughly cleaned before the area is used for storage of seed potatoes.

**TREATMENT OF STORAGE WITH RECIRCULATING AIR SYSTEMS**

Assemble unit as shown: place discharge from aerosol generating unit in the plenum, positioned to allow for thorough mixing and even distribution. Shut down the humidification equipment. Set ventilation system for recirculation and seal storage building. Set fans to deliver sufficient air circulation to provide even distribution of product. Check for uniform air distribution throughout the potato pile before treatment. Maintain the system on recirculation setting until thermal fog has completely settled.

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Reactivate the storage ventilation and humidification systems to desired setting.



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

Assemble unit as shown: place discharge from aerosol generating unit in the plenum, positioned to allow for thorough mixing and even distribution. Prior to placing potatoes in the area to be treated, make the following preparations: 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 space at one end for air circulation. The ducts should be spaced a maximum of 10 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.

At the open end of each duct in the false wall space, where the fog is to be introduced position a fan to force air through the duct and up through the pile. Set fans to deliver sufficient air circulation to provide even distribution of product. Check for uniform air distribution throughout the potato pile before treatment.

When the area is filled and ready to be treated:  
Shut down any ventilating and humidification equipment, and seal the structure.

Start the fans.  
Introduce the fog as near as possible to the bottom of the false wall space containing the fans.  
Continue running fans until the fog has completely settled.  
Reactivate ventilation and humidification equipment to the desired settings.

**NOTE:** When treating a small area such as a trailer truck or railroad car, use a low volume aerosol generator. Prepare the trailer truck or railroad car and pack the potatoes as described above.

**APPLICATION**

Amplify II is for use on all potatoes used for processing or fresh market.

Apply prior to end of the natural dormancy period of the potato and before sprouting occurs. Use Amplify II after bruises and cuts have healed (normally a minimum of two weeks after storing).

Use Amplify II alone only if some sprouting is acceptable. Amplify II, when used alone, will suppress sprouting short term.

Potatoes may be treated with Amplify II one time during potato storage season at a rate not to exceed 1.5 lbs. per 600 cwt., or apply multiple times not to exceed an accumulated total of 1.5 lbs.

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of Amplify II per 600 cwt. per year. Minimum application rate for Amplify II is 0.1 lb. per 400 cwt. For additional treatment information contact Loveland Products, Inc. 1-888-574-2878.

Amplify II has been demonstrated to have a synergistic effect when applied with CIPC (Chlorpropham) products such as SPROUT NIP® 7A or CIPC 98A. Refer to the SPROUT NIP 7A or the CIPC 98A labels for specific directions for proper use of these products. When Amplify II is used in combination with either listed product, follow the most restrictive label use directions and precautions.

1 cwt. = 1.67 bu. = 2.5 cubic ft and 1 bu. = 60 lb. = 1.5 cubic ft

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Keep container closed. This product may inhibit germination of seed potatoes.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances.

**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

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CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY, CO 80632-1286.

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Made in Germany

**FORMULATED FOR**  
**LOVELAND PRODUCTS, INC.**  
**P.O. BOX 1286, GREELEY, COLORADO 80632-1286**