



SPROUT TORCH®

Potato Sprout Eliminator for use in Organic Production



Active Ingredient: Clove Oil.....100.0%
(by weight) CAS No: 8000-34-8

This product can be used as an aerosol, or as a spray or drip to temporarily eliminate sprouts on potatoes. 1,4GROUP, Inc. represents that this product is exempt from registration with the U.S. EPA under the Federal Insecticide, Fungicide, and Rodenticide Act, Section 25(b).

KEEP OUT OF REACH OF CHILDREN
WARNING

MANTENER FUERA DEL ALCANCE DE LOS NIÑOS
ADVERTENCIA

First Aid	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
If in eyes	• 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 swallowed	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	• 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.
Emergency Information	
For spill, leak, fire, exposure, or accident call PERS 1-800-633-8253.	

Primeros Auxilios	
Al momento de llamar el centro de toxicología o al médico o de buscar tratamiento, lleve el envase o la etiqueta del producto.	
Si entra en contacto con los ojos:	• Mantenga los ojos abiertos y enjuague lenta y suavemente con agua entre 15 a 20 minutos. • Sáquese las lentes de contacto después de los primeros 5 minutos, si usa y luego continúe enjuagándose los ojos. • Llame a un centro de toxicología o un médico para recibir asesoramiento médico.
Si se ingiere:	• Llame a un centro de toxicología o un médico para recibir asesoramiento de tratamiento de inmediato. • Haga que la persona beba un sorbo de agua, si puede tragar. • No induzca el vómito, a menos que se lo indique el centro de toxicología o un médico. • No le dé nada por boca a una persona inconsciente.
Si entra en contacto con la piel o la ropa:	• Quítese la ropa contaminada. • Enjuague la piel inmediatamente con abundante agua entre 15 a 20 minutos. • Llame a un centro de toxicología o un médico para recibir asesoramiento médico.
Información de Emergencia	
En caso de derrames, fugas, incendios, exposición o accidentes llame a PERS 1-800-633-8253.	

Manufactured For:
1,4GROUP, Inc.
2307 E. Commercial St., Ste A, Meridian, ID 83642
(208) 887-9766
Revision 15MAR2024

Net Contents 5 Gallons

Contenido neto 5 galones



PRECAUTIONARY STATEMENTS

May be irritating to the eyes and skin. Do not get in eyes or on clothing. Wear protective eyewear (goggles or face shield). Avoid contact with skin. Wear chemical resistant gloves and coveralls or long sleeve shirt, long pants, socks, and shoes. Wash thoroughly with soap and water after handling.

MEDIDAS DE PRECAUCIÓN

Puede ser irritante para los ojos y la piel. No aplicar sobre los ojos ni la ropa. Use gafas protectoras (gafas o protector facial). Evite el contacto con la piel. Use guantes y overoles con manga larga, pantalones largos, calcetines y zapatos resistentes a productos químicos. Lávese bien con agua y jabón después de manipular el producto.

Handling & Storage

Store in tightly sealed containers in well ventilated, cool and dry area. Do not expose to temperatures above 95° F (35° C).

Manejo y Almacenamiento

Conservar en recipientes herméticamente sellados en un lugar bien ventilado, fresco y seco. No exponer a temperaturas superiores a 95°F (35°C)

Directions for Use

Product should only be applied after potatoes are harvested and allowed to suberize completely. It is intended to be applied as an aerosol through forced air distribution systems for potatoes in storage; or applied as a direct spray or drip for potatoes loaded or removed from storage.

- Do not use on stored seed potatoes, i.e. potatoes destined for replanting to produce a new potato crop. Do not allow vapors to come in contact with storage areas used within 60 days for storing seed potatoes.
- Do not apply to potatoes in the field.

Forced Air Distribution Method – Potatoes in Storage

1. Prepare aerosol generating equipment. Insert aerosol generator intake hose into the product container. Set air system for recirculation.
2. Place discharge end of aerosol generator at center of plenum (air mixing chamber), pointing it in the direction of the airflow. This will ensure optimum distribution of the product throughout the ventilation system.
3. Operate recirculation fans continuously during application and for at least 1 hour after completing application (or until fog has cleared).

Ventilate the building for at least three (3) days prior to removal of potatoes from storage. To avoid irritating odors and fumes when re-entering into treated areas during application and prior to ventilation or settling of aerosol fog, workers must wear: coveralls or long-sleeved shirt, long pants, shoes plus socks, and chemical resistant (such as nitrile or butyl) gloves; face-sealing goggles, unless a full-face respirator is worn; and a respirator with an organic vapor-removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TX-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE pre-filter.

Ventilar el edificio durante al menos tres (3) días antes de retirar las papas del almacenamiento. Para evitar olores y humos irritantes al volver a entrar a las zonas tratadas durante la aplicación y antes de la ventilación o sedimentación de la niebla del aerosol, los trabajadores deben usar: overoles completos de manga larga, pantalones largos, zapatos más calcetines y guantes resistentes a productos químicos (de nitrilo o butilo); gafas completamente cerradas, a menos que se use un respirador con máscara completa; y un respirador con un cartucho de extracción de vapor orgánico con un prefiltro aprobado para pesticidas (prefijo de número de aprobación MSHA/NIOSH TC-23C) o un recipiente aprobado para pesticidas (prefijo de número de homologación MSHA/NIOSH TC-14G), o un respirador aprobado por NIOSH con un cartucho o recipiente para vapor orgánico (OV) con cualquier prefiltro R, P o HE.

Line Spray or Drip Method

1. Prepare application equipment. Insert injection intake hose into the product container.
2. Apply product uniformly across moving potatoes on conveyor or roller belt. Obtain maximum coverage of entire potato by applying product on rolling or tumbling potatoes.

Recommended Application Rates

Aerosol Method – in Storage: Apply an initial dose of 1 gallon of product per 1,750 cwt potatoes when at least one sprout “peep” per tuber is observed on stored potatoes. Re-application can be made at any time, as needed, and is suggested at rates of 1 gallon per 3,500 cwt to 1 gallon per 1,000 cwt.

Line Spray or Drip Method: Apply as needed at a suggested rate of up to 1 gallon of product per 5,000 cwt of potatoes. Higher rates will add stronger clove odor to potatoes.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE:

- Keep container closed. This product kills sprouts and temporarily inhibits germination of seed potatoes.

PESTICIDE DISPOSAL:

- Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

- 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. Do not reuse empty container.

ALMACENAMIENTO Y DESECHO

No contamine el agua, los alimentos o comederos con el almacenamiento o el desecho del producto.

ALMACENAMIENTO DE PESTICIDAS:

- Mantenga el recipiente cerrado. Este producto inhibe temporalmente la germinación de las papas de siembra.

DESECHO DE PESTICIDAS:

- Los residuos resultantes del uso de este producto se pueden eliminar in situ o en instalaciones para tratamiento de desechos.

MANEJO DE LOS RECIPIENTES:

- Triple enjuague (o un método equivalente). Ofrézcalo para reciclado o reacondicionamiento, o perfore y deseche en un vertedero sanitario, o mediante otros procedimientos aprobados por las autoridades estatales y locales. No reutilice el recipiente vacío.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties, Limitations of Liability, and Notice before using this product. If the terms are not acceptable, return the unopened product container immediately.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties, Limitations of Liability, and Notice.

CONDITIONS: This product is intended to be used and applied by a licensed professional. The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks 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 1,4GROUP, Inc. To the extent consistent with applicable law, all such risks shall be assumed by the buyer or user.

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