



SUPPRESSES SPROUTS ON HARVESTED AND STORED POTATOES

SPECIMEN LABEL

ACTIVE INGREDIENTS:

Pelargonic Acid61.1%

OTHER INGREDIENTS.....38.9%

TOTAL:100.00%

WARNING - AVISO
KEEP OUT OF REACH OF CHILDREN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand this label, find someone to explain it to you in detail.)

FOR COMMERCIAL USE

Net Contents:
1, 2.5, 30, 55, 275 gallons

EPA Registration No. 70299-20

Sold by BioSafe Systems LLC
22 Meadow Street, East Hartford, CT 06108
1-888-273-3088 (toll-free) www.biosafesystems.com



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 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.

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 the poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

If inhaled

- Move person to fresh air.
• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
• Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Causes skin irritation. Harmful if inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist. Wear protective eyewear such as goggles or face shield. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Handlers who may be exposed to the dilute through application or other tasks must wear: long-sleeved shirt and long pants, and shoes plus socks. Handlers who may be exposed to the concentrate through mixing, loading, application, or other tasks must wear: coveralls over long-sleeved shirt and long pants, chemical resistant gloves, chemical resistant footwear plus socks, and protective eyewear (goggles or face shield). Follow manufacturer's instructions for cleaning / maintaining PPE. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product.
• Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash water or rinsate.

PHYSICAL AND CHEMICAL HAZARDS

Do not use in concentrated form. Mix only with water in accordance with label instructions. Never bring concentrate in contact with other pesticides, cleaners or oxidative agents.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE), notification to workers, and Restricted-Entry Interval (REI). The requirements in this box only apply to the uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE requirement for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is:

- Coveralls
Waterproof gloves
Shoes plus socks

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are **not** within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried.

GENERAL INFORMATION

When used according to label directions, ARRET® is used to inhibit and suppress the sprouting of potatoes anytime after potatoes are placed into storage. Apply to harvested potatoes to prevent and suppress the sprouting of potatoes until the potatoes are ready for shipping to the fresh market or processing plants.

ARRET may also be applied to suppress the formation of sprouts on potatoes coming out of storage as they are packed. For best results, apply when potatoes are at 'peeping' or before sprouts reach 1/8 inch long.

This product inhibits the germination of seed potatoes. Do not apply to potatoes grown for seed.

USE RATES AND APPLICATION DIRECTIONS

ARRET can be applied anytime after potatoes are placed into storage. For best results, apply to potatoes that have been washed. ARRET is intended for application as an aerosol through Forced Air Distribution Systems.

Forced Air Distribution Method

1. Prepare aerosol generating equipment. Insert aerosol generator intake hose into the ARRET container.
2. Set air ducts for recirculation.
3. Placing the exhaust end of aerosol generator at the center of the plenum (air mixing chamber) pointing in the direction of the air flow is an example of an application set-up. Methods of ARRET application vary to the storage design, ventilation system, etc. Uniform ARRET applications are usually accomplished by experienced, licensed applicators. Contact your local applicator for additional information.
4. Operate recirculation fans continuously during application and for at least 4 hours after completing application (or until fog has completely settled).
5. Ventilating the building after treatment for three (3) to seven (7) days prior to removal of potatoes from storage to reduce potential potato surface odor carryover is suggested. Length of ventilation time depends on the rate applied and storage temperature.

Potato Sprout Control During Storage

Initial and subsequent aerosol application doses of ARRET vary to the potato variety, bud growth stage of the potatoes, storage temperature, duration of storage, pile conditions (rot, dirt, etc.) and storage design. Contact your local ARRET dealer to determine the required application rate for your specific needs and follow the suggested application rate recommendations in the table below.

For optimum sprout control, apply ARRET after at least one 'peeper' (showing white tissue) per tuber is observed on stored potatoes. Repeat applications may be applied as necessary throughout the storage duration.

For a Rate of	Apply 1 Gal ARRET to	For a Rate of	Apply 1 Gal ARRET to
27 ppm	3,200 cwt (160 tons)	43 ppm	2,000 cwt (100 tons)
29 ppm	3,000 cwt (150 tons)	48 ppm	1,800 cwt (90 tons)
31 ppm	2,800 cwt (140 tons)	54 ppm	1,600 cwt (80 tons)
33 ppm	2,600 cwt (130 tons)	62 ppm	1,400 cwt (70 tons)
36 ppm	2,400 cwt (120 tons)	72 ppm	1,200 cwt (60 tons)
39 ppm	2,200 cwt (110 tons)	87 ppm	1,000 cwt (50 tons)

Post Harvest Fresh Market Potato Sprout Control

ARRET is used to suppress sprouting after storage and washing. Apply to washed and damp dried potatoes.

Line Spray Application

Dilute ARRET at a 3% active ingredient level as directed below, and apply using spray nozzles placed evenly across the rollers on the line where the potatoes are being moved. Rolling or tumbling action greatly improves coverage compared to flat conveyor belts. Ensure thorough coverage for the best results.

To prepare the spray mixture:

Fill the spray tank with one-half of the desired volume of water. Add the proper amount of ARRET. Fill the spray tank with the remaining water up to final volume of water. Mix well. For best results, ensure thorough mixing of the spray solution through agitation, mixing or shaking regularly to keep product in solution. Discard unused spray solution.

Application Rates

Volume of Spray Solution	Amount of ARRET
1 gallon	3.8 fl. oz.
10 gallons	0.29 gallons
100 gallons	2.9 gallons

Use this diluted emulsion at a rate of 1 gallon per 8,000 lbs. of potatoes.

Note:

- DO NOT APPLY IN THE FIELD.
- DO NOT APPLY TO POTATOES GROWN FOR SEED.
- Do not store or reuse diluted spray solution.
- ARRET is used for the treatment of potatoes after harvest, and after storage and washing.
- Use ARRET after the potato breaks dormancy to suppress sprouts.
- Potatoes must be cured prior to treatment and, for maximum sprout inhibition, should be washed clean.
- Do not allow ARRET vapors to come in contact with areas used for cutting potato seeds or with seed cutting equipment. If this happens, ventilate the area for 30 days before the seed is allowed into the facility. Wash seed cutting equipment with warm soap and water and air-dry for 48 hours.
- The extent of peeper/sprout development, cleanliness and dampness of the potatoes at the time of treatment, and the potato variety (russet vs. smooth skin types) will affect the results.
- Potatoes may deteriorate or otherwise be damaged by bacteria, fungi, insects, physiological aging and physical effects such as internal sprouting, environmental factors (such as humidity, temperature and airflow), and other causes which are unrelated to the application of this product, and which may occur whether or not this product is applied to the potatoes.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE:

Store in original containers in a cool, well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, flood area with large quantities of water. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

PESTICIDE DISPOSAL:

Pesticide wastes may be 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 directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING

(Containers equal to or less than 5 gallons):

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

(Containers greater than 5 gallons):

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. 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. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

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For additional information on ARRET®, call us toll-free at 1.888.273.3088 or visit www.biosafesystems.com.

WARRANTY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. 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 manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of BIOSAFE SYSTEMS LLC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold BIOSAFE SYSTEMS and Seller harmless for any claims relating to such factors.

BIOSAFE SYSTEMS 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, subject to the inherent risks referred to above when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or BIOSAFE SYSTEMS, and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BIOSAFE SYSTEMS MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESSED OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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