

16-NOV-2007 2006-7758

15-SEP-2008 Notification

GROUP	1	FUNGICIDE
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**SENATOR<sup>®</sup> PSPT 1**

**POTATO SEED PIECE TREATMENT**

**SYSTEMIC FUNGICIDE DUST**

**AGRICULTURAL**

**Net Contents: 10 kg – 250 kg**

<b>GUARANTEE:</b>	
thiophanate-methyl	10%

**READ THE LABEL BEFORE USING**

REGISTRATION NO.: 14599  
PEST CONTROL PRODUCTS ACT

Notification Change

~~**Engage Agro Corporation**~~  
~~1030 Gordon Street~~  
~~Guelph, Ontario~~  
~~N1G 4X5~~  
~~1-866-613-3336~~

Nippon Soda Company Ltd.  
Shin-Ohtemachi Bldg. 3rd Floor  
2-1,2-Chome Ohtemachi  
Chiyoda-Ku  
Tokyo 100 - 8165  
Japan  
USA Contact Number: (212) 490-0350

Canadian Representative  
Brenda W. Nailor Consulting  
12 Burke Court  
Guelph, ON N1L 1J2  
(519) 837-8704

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**SENATOR PSPT 1  
POTATO SEED PIECE TREATMENT**

This systemic fungicide is formulated for dry treatment of potato seed pieces. Controls Verticillium wilt, Fusarium rot, Silver Scurf (*Helminthosporium solani*), and aids in control of seed piece decay and black leg infections.

**FIRST AID:**

**If Swallowed:** Call a poison control centre 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 centre 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 centre or doctor for treatment advice.

**If Inhaled:** 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 centre or doctor for further treatment advice.

**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 centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

***IN CASE OF EMERGENCY INVOLVING A POISONING OR MAJOR  
SPILL, CALL 1-866-336-2983***

**TOXICOLOGICAL INFORMATION:**

No specific antidote is available. Treat symptomatically.

**PRECAUTIONS:**

KEEP OUT OF REACH OF CHILDREN.

May be harmful if swallowed. Avoid inhalation of dust. Wash hands and face thoroughly with soap and water after handling. Avoid contamination of feed and foodstuffs. Store in a dry place. Do not contaminate domestic or irrigation water supplies, lakes, streams and ponds.

**Personal Protective Equipment Requirements:**

Wear chemical-resistant coveralls over long sleeved shirt and long pants, chemical resistant gloves, rubber boots, goggles or face shield and a NIOSH/MSHA approved N, R, P or HE respirator when: handling the product, handling treated seed, dusting at the hopper and treatment barrel and loading the planter.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove Personal Protective Equipment (PPE) immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. No food, drink or tobacco should be allowed in areas of chemical storage or use. Apply only in areas with adequate ventilation or dust collection and control equipment installed. Do not substitute fans for ventilation in areas where application is made to cut potatoes. Do not apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during application.

#### **DECONTAMINATION AND DISPOSAL:**

1. Make the empty container unsuitable for further use.
2. Dispose of the container in accordance with provincial requirements.
3. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

#### **DIRECTIONS FOR USE:**

##### **POTATOES (SEED TREATMENT) - CUT SEED**

**RATE:** Use 500 g per 100 kg of cut seed. Apply in a convenient container or by dust attachment over belt. Cut pieces should be treated within 6 hours of cutting. If planting is to be delayed more than 1 to 2 days, the treated pieces should be stored for 2 - 3 days in open crates before bagging.

##### **NOTE:**

For optimum control of Silver Scurf, ensure that seed tubers are completely free of soil. *Total skin coverage is essential.* Reduced control can be expected in fields where volunteers from the previous year's crop act as a source of infection. Consult your provincial Vegetable Production Guide for recommendations.

This product contains no colourant. An appropriate colourant must be added when this product is applied. Regulations pertaining to the 'Seeds Act' must be strictly adhered to when using this product.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at: [www.croplife.ca](http://www.croplife.ca).

#### **ENVIRONMENTAL HAZARDS:**

By-products from this product are toxic to aquatic organisms. Do not contaminate any body of water or groundwater when disposing of equipment wash water.

## RESISTANCE MANAGEMENT:

For resistance management, please note that SENATOR Potato Seed Piece Treatment 1 contains a Group 1 fungicide. Any fungal population may contain individuals naturally resistant to SENATOR Potato Seed Piece Treatment 1 and other Group 1 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

- Where possible, rotate the use of SENATOR Potato Seed Piece Treatment 1 or other Group 1 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group when such use is permitted.
- Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.
- Monitor treated fungal populations for resistance development.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact Nisso America at (212) 490-0350.

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Since the occurrence of resistance cannot be foreseen, Nippon Soda Co., Ltd. accepts no responsibility for any loss of, or damage to, crops resulting from the failure of SENATOR Potato Seed Piece Treatment 1 to control the resistant fungi strains.

## NOTICE TO USER:

This control product is to be used only in accordance with the directions on this label. It is an offence under the PEST CONTROL PRODUCTS ACT to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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