

59639-184

1/6/2012

1 of 12



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

59639-184

Date of Issuance:

JAN 6 2012

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

NipsIt SUITE Canola Seed  
Protectant

Name and Address of Registrant (include ZIP Code):

Valent U.S.A. Corp.  
P.O. Box 8025  
Walnut Creek, CA 94596-8025

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
2. Submit 2 copies of your final printed label before release for shipment.
3. For future submissions, make the following changes to your Confidential Statement of Formulation (EPA Form 8570-4):
  - a. Box 4: Revise the EPA Reg. No. so it reads, "EPA Reg. No. 59639-184."

*continued on page 2*

Signature of Approving Official:

Venus Eagle, Product Manager 01  
Insecticide-Rodenticide Branch, Registration Division (7505P)

Date:

JAN 6 2012

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. If you have any questions, please contact Marianne Lewis at 703-308-8043 or [lewis.marianne@epa.gov](mailto:lewis.marianne@epa.gov).

Venus Eagle  
Product Manager, 01  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure

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**ACCEPTED**  
1/6/12  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
Registered under  
EPA Reg. No. 59639-184



# NipsIt™ SUITE Canola Seed Protectant

A SEED TREATMENT FORMULATION PROVIDING SYSTEMIC SEED AND SEEDLING PROTECTION AGAINST LISTED EARLY SEASON CANOLA DISEASES AND FLEA BEETLES

Active Ingredients	By Wt.
Clothianidin <sup>1</sup> .....	22.1500%
Metalaxyl <sup>2</sup> .....	0.4150 %
Metconazole <sup>3</sup> .....	0.0825%
Other Ingredients.....	77.3525%
Total	100.00%

<sup>1</sup>(E)-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine  
<sup>2</sup>N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine methyl ester  
<sup>3</sup>5-[(4-chlorophenyl)methyl]-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol

One gallon of NipsIt SUITE Canola Seed Protectant contains 2.325 lbs. clothianidin, 0.0436 lbs. metalaxyl, and 0.0087 lbs. metconazole.

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

**SEE NEXT PAGE FOR PRECAUTIONARY STATEMENTS**

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EPA Reg. No. 59639-184  
EPA Est. No.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS & DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing.

FIRST AID	
<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 a person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by a poison control center or doctor.</li> <li>• Do not give anything to an unconscious person.</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 to 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>
NOTE TO PHYSICIAN	
Treatment is supportive and symptomatic.	
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact <b>800-892-0099</b> for emergency medical treatment information.	

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some of the materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride and viton. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

**All mixers, loaders, applicators and other handlers must wear:** Long-sleeved shirt and long pants, shoes plus socks and chemical-resistant gloves. Follow the 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.

### **USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, and chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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**

This product is toxic to aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate. Do not apply where runoff is likely to occur. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Apply this product only as specified on label.

Treated seed exposed on soil surface may be hazardous to birds. Cover or collect spilled seeds.

Metalaxyl and Metconazole have properties and characteristics associated with chemicals detected in ground water. These chemicals may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow. Therefore contain any product spills or equipment leaks and dispose of wastes according to the disposal instructions on this label.

### **DIRECTIONS FOR USE**

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

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

For use only in commercial seed treatment equipment. Not for use in hopper box, planter box, slurry box, or other on-farm seed treatment applications. 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. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

**DISCLAIMER, RISKS OF USING THIS PRODUCT,  
LIMITED WARRANTY  
AND LIMITATION OF LIABILITY**

**IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.**

**ASSUMPTION OF RISK**

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests to this product. Such risks of crop injury, non-performance, or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND TO THE FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

**LIMITED WARRANTY**

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. To the extent consistent with applicable law AND AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

**LIMITATION OF LIABILITY**

To the fullest extent allowed by law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. TO THE FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

**PROMPT NOTICE OF CLAIM**

To the extent consistent with applicable law allowing such requirements Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made.

To the extent consistent with applicable law if Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

**NO AMENDMENTS**

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability, which may not be modified by any oral or written agreement.

**COMMERCIAL TANK MIXES**

NOTICE: Commercial tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor.

**Read and follow the entire label of each product to be used in the commercial tank mix with this product.**

**PRECAUTIONS AND RESTRICTIONS**

*NipsIt* SUITE Canola Seed Protectant must be used only in accordance with specifications on this label utilizing commercial liquid or commercial slurry seed treatment equipment to secure proper application. Always mix product thoroughly before use. Not for use in hopper box, planter box, slurry box or other on-farm seed treatment applications.

Regardless of type of application (seed treatment or foliar) do not apply more than 0.2 lbs (90.7 grams) of active ingredient clothianidin per acre per season.

As stated by regulations specified in 40 CFR 153.155, all seed treated with *NipsIt* SUITE Canola Seed Protectant must be colored with an EPA-approved dye or colorant to visually distinguish seed that is treated with a pesticide. This product contains such dye or colorant. This regulation is necessary to prevent treated seed from accidental use as a food for man or feed for animals.

**Seed Quality and Storage of Treated Seed**

Seed treatments applied to low vigor or poor quality seed or to mechanically damaged seed may result in loss of seed germination or reduced seedling vigor. To verify seed safety, treat a small portion of seed with the desired slurry mixture (*NipsIt* SUITE Canola Seed Protectant alone or in combination with other commercial seed treatment products) prior to treatment of an entire seed lot. Utilize standard seed germination methodologies to determine and verify seed safety. Proper storage conditions of treated seed are recommended. Due to seed quality and seed storage conditions beyond the control of Valent U.S.A. Corporation, no claims are made to guarantee the germination of carry-over treated seed.

## PRODUCT INFORMATION

*NipsIt* SUITE Canola Seed Protectant is a systemic insecticide and fungicide seed protectant formulation for use on canola and rapeseed for early season control of flea beetle, seed-borne blackleg and the seedling disease complex (damping-off, seedling blight, seed rot, and root rot) caused by *Pythium spp.*, *Fusarium spp.* and *Rhizoctonia solani*. Clothianidin, the insecticide component within *NipsIt* SUITE Canola Seed Protectant, provides seedling protection against early season flea beetle feeding and damage. The fungicide components of *NipsIt* SUITE Canola Seed Protectant are metalaxyl and metconazole. Metalaxyl protects seed and seedlings against seed rot, damping-off, and seedling blight and root rot associated with *Pythium spp.* Metconazole fungicide provides protection against seed rot, damping-off, seedling blight and root rot associated with *Fusarium spp.* and *Rhizoctonia solani*, as well as seed-borne blackleg (*Leptosphaeria maculans*).

Accurate application of *NipsIt* SUITE Canola Seed Protectant to seed is required for control of listed pests. Application to seed by commercial seed treatment equipment utilizing standard liquid or slurry treaters, is necessary. Mix *NipsIt* SUITE Canola Seed Protectant prior to application. *NipsIt* SUITE Canola Seed Protectant may be applied direct to seed without adding water.

**Pre-test tank mixtures with other seed treatment products to verify formulation compatibility and to assure proper physical compatibility of products. Be aware of limitations or cautions documented on labels of all products used in a seed treatment mixture.**

## MODES OF ACTION

Metalaxyl fungicide contained in *NipsIt* INSIDE Canola Seed Protectant is a member of the acylalanine chemical group (FRAC Code 4) and interrupts fungal nucleic acid synthesis. Metconazole belongs to the sterol biosynthesis inhibitor group of fungicides (FRAC Code 3). Clothianidin is a neonicotinoid insecticide (IRAC MoA Group 4A) acting as a nicotine acetylcholine receptor agonist/antagonist in insect metabolism.



### RESISTANCE MANAGEMENT

*NipsIt* SUITE Canola Seed Protectant contains Clothianidin which is a neonicotinoid and a Group 4A insecticide. Insect biotypes with acquired resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by *NipsIt* SUITE Canola Seed Protectant or other Group 4A insecticides. Valent U.S.A. Corporation strives to maintain strong stewardship of this product by recommending that its use be coordinated in a planned resistance management strategy program established for the specific crop and area.

Contact your local extension specialist, certified crop advisors and/or manufacturer for insecticide resistance management or IPM recommendations for the specific site and resistant pest problems.

**For further information or to report suspected resistance, you may contact Valent U.S.A. Corporation at 800-682-5368.**

### SEED BAG TAG

The Federal Seed Act requires that the container of seed treated with *NipsIt* SUITE Canola Seed Protectant must be labeled with the following statements:

- This seed has been treated with *NipsIt* SUITE Canola Seed Protectant which contains clothianidin, metalaxyl and metconazole.
- Do not use treated seed for feed, food or oil processing.

In addition, the U.S. Environmental Protection Agency requires the following statements on the container of seed treated with *NipsIt* SUITE Canola Seed Protectant:

- Regardless of the type of application (seed treatment or foliar), do not apply more than a total of 0.2 lb (90.7 gram) clothianidin (active ingredient) per acre per season. (Based on the seed size of 150,000 seeds/lb, at the label rate, the mg of clothianidin will be equal to 0.01208 mg /seed).
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.
- Store away from feeds and other foodstuffs.
- Wear long sleeved shirt, long pants and chemical- resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride, or viton when handling treated seed.
- Dispose of all excess treated seed. Left over treated seed may be double-sown around the headland or buried away from water sources in accordance with local requirements. Do not contaminate water bodies when disposing of planting equipment washwaters.
- Dispose of seed packaging in accordance with local requirements.
- The compound is toxic to birds and mammals. Treated clothianidin seeds exposed on soil surface may be hazardous to birds and mammals. Cover or collect seeds spilled during loading.
- Treated seeds must be planted at a minimum depth of 1 inch.
- This compound is highly toxic to bees exposed directly (contact). Ensure that planting equipment is functioning properly in accordance with manufacturing

recommendations to minimize seed coat abrasion during planting to reduce dust which can drift to blooming crops or weeds.

- This product contains metalaxyl and metconazole that is known to leach through soil into groundwater under certain conditions as result of agricultural use. Use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.
- Do not use rapeseed greens and seed grown or harvested from NipsIt Suite Canola Seed Protectant treated seed for feed or human consumption. Rapeseed grown and harvested from NipsIt Suite Canola Seed Protectant treated seed is only for industrial uses and cannot be used for edible oil or any human/feed consumption.
- Areas planted with treated seed of canola and rapeseed may be replanted immediately with bulb vegetables, canola, cereal grains (except rice), cotton, fruiting vegetables (including cucurbits), leafy vegetables (including brassica vegetables), rapeseed, root and tuber vegetables, soybean and sugar beet. These areas may also be replanted after 30 days with dry beans, grasses, non-grass animal feeds and rice. Do not plant any other crops in the treated area for at least 4 months after these treated seeds are planted.

- After seeds have been planted, do not enter or allow worker entry into treated areas during the Restricted Entry Interval (REI) of 24 hours. Exception: Once seeds are planted and covered by soil or other planting media, the Worker Protection Standard (WPS) allows workers to enter the treated area without restriction.
- Do not re-use bags from treated seed to handle food or feed products.
- Do not use augers used for handling treated seed to move seed for feed, food or oil processing.

**APPLICATION DIRECTIONS**

*NipsIt* SUITE Canola Seed Protectant is a ready-to-use formulation, which includes blue colorant. No additional colorant, dyes, binders, polymers, or water are required.

Calibrate seed treatment equipment prior to application of *NipsIt* SUITE Canola Seed Protectant to assure proper rate of application is achieved. Consult with the seed treatment equipment manufacturer for guidance on the operation and proper calibration of the treating equipment, as non-uniform, inaccurate seed coverage may result in suboptimal insect or disease protection to canola seedlings.

Apply 22 fl oz/100 lbs of seed of *NipsIt* SUITE Canola Seed Protectant using standard commercial seed treatment equipment to provide uniform seed coverage. Allow treated seed to dry prior to bagging.

The following table provides use rate information of *NipsIt* SUITE Canola Seed Protectant for disease and insect protection guidelines.

Canola and Rapeseed			
SEED/SEEDLING DISEASES	INSECT PESTS	NIPSIT SUITE CANOLA SEED PROTECTANT USE RATES	
		fl oz/100 lbs seed	<sup>1</sup> mg active ingredient per seed
Seed Borne Black Leg <i>(Leptosphaeria maculans)</i>  Seedling Disease Complex (damping off and seedling blight, seed rot and root rot)  <i>Pythium</i> spp. <i>Rhizoctonia</i> spp. <i>Fusarium</i> spp.	Early Season Flea Beetle feeding and damage	22.0	Clothianidin 0.01208 mg  Metalaxyl 0.000227 mg  Metconazole 0.0000452 mg
<ul style="list-style-type: none"> <li>• Regardless of type of application (seed treatment or foliar), do not apply more than a total of 0.2 lbs (90.7 gm) active ingredient clothianidin per acre per season.”</li> <li>• Do not use rapeseed greens and seed grown or harvested from <i>NipsIt</i> Suite Canola Seed Protectant treated seed for feed or human consumption. Rapeseed grown and harvested from <i>NipsIt</i> Suite Canola Seed Protectant treated seed is only for industrial uses and cannot be used for edible oil or any human/feed consumption.</li> </ul>			

<sup>1</sup>mg active ingredient per seed is based on 150,000 seeds per pound.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE**

Store in a dry place away from excessive heat.

Do not store near food or feed.

Store in original container only.

To close package, replace and tighten cap to form an airtight seal.

**PESTICIDE DISPOSAL**

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

**CONTAINER HANDLING**

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  $\frac{1}{4}$  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 60 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other 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. Offer for recycling, if available; otherwise dispose of in a sanitary landfill or incineration.

**RECYCLING**

Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact the Ag Container Recycling Council (ACRC) at 877-952-2272 (toll free) or [www.acrecycle.org](http://www.acrecycle.org).

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*NipsIt* is a trademark of Valent U.S.A. Corporation

Manufactured For:

**Valent U.S.A. Corporation**

P.O. Box 8025

Walnut Creek CA 94596-8025

(800)-682-5368

Made in U.S.A.

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