

59639-195

2/6/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

FEB 06 2014

Ms. Linda Obrestad  
Valent U.S.A. Corporation  
1600 Riviera Ave., Suite 200  
Walnut Creek, CA 94596-8025

Subject: Notification of Alternate Brand Name for Registered Product

Dear Ms Obrestad:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated January 17, 2014 for:

**EPA Registration 59639-195**

**Inovate® Pro (Alternate Brand Name "Inovate® Pro Seed Protectant")**

The Registration Division (RD) has conducted a review of this request of applicability under PRN 98-10 and finds that the label changes(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, call me at 703 305-5409 or electronically at [daniel.dani@epa.gov](mailto:daniel.dani@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Dani Daniel".

Dani Daniel  
Registration Division (7504P)  
Insecticide/Rodenticide Branch

2/15

# NOTIFICATION



United States  
**Environmental Protection Agency**  
Washington, DC 20460

FEB 06 2014

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 59639-195	2. EPA Product Manager Ms. Venus Eagle	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) INOVATE Pro	PM# 1	
5. Name and Address of Applicant (Include ZIP Code) Valent U.S.A. Corporation 1600 Riviera Ave., Suite 200 Walnut Creek, CA 94596-8025 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
 NOTIFICATION: Alternate Brand Name - INOVATE Pro Seed Protectant

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 lb		5. Location of Label Directions <input checked="" type="checkbox"/> On Labeling	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Linda Obrestad	Title Regulatory Analyst	Telephone No. (Include Area Code) 925-256-2791
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  <b>(Stamped)</b>  _____ _____ _____
2. Signature <i>Linda Obrestad</i>	3. Title Regulatory Analyst	
4. Typed Name Linda Obrestad	5. Date January 17, 2014	

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Valent U.S.A. Corporation  
1600 Riviera Ave. Suite 200  
P. O. Box 8025  
Walnut Creek, CA 94596-8025

January 17, 2014

**INOVATE<sup>®</sup> Pro**  
**EPA Reg. No. 59639-195**  
**NOTIFICATION: ABN**

Ms. Venus Eagle, Product Manager (Team 01)  
Insecticide-Rodenticide Branch, Registration Division (7505P)  
Document Processing Desk (NOTIF)  
U.S. Environmental Protection Agency  
Room S4900 - One Potomac Yard  
2777 S. Crystal Drive  
Arlington, Virginia 22202

Dear Ms. Eagle:

Valent U.S.A. Corporation is respectfully submitting this label Notification to inform the agency of a change to our product label for INOVATE Pro (EPA Reg. No. 59639-195) as follows:

Alternate Brand Name: **INOVATE<sup>®</sup> Pro Seed Protectant**

I have enclosed the following documents to support this Notification submission:  
Pesticide Application (Form 8570-1)  
Certification Statement consistent with the provisions of PR-Notice 98-10  
One (1) copy of proposed label with redline additions/strike through

If you should have any questions please contact me at (925) 256-2791 or email: [linda.obrestad@valent.com](mailto:linda.obrestad@valent.com) or Ms. Sue Shen at (972)244-6543 or email: [sue.shen@valent.com](mailto:sue.shen@valent.com)

Sincerely,

Linda Obrestad  
Labeling Specialist  
Registration and Regulatory Affairs

Enclosures

4/15



Valent U.S.A. Corporation  
1600 Riviera Ave. Suite 200  
P. O. Box 8025  
Walnut Creek, CA 94596-8025

January 17, 2014

**INOVATE® Pro**  
**EPA Reg. No. 59639-195**  
**NOTIFICATION: ABN**

**CERTIFICATION STATEMENT**

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Linda Obrestad  
Regulatory Analyst  
Registration and Regulatory Affairs

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# NOTIFICATION

FEB 06 2014



## NOTIFICATION – REDLINE COPY

### **INOVATE™ Pro**

### **INOVATE® Pro Seed Protectant**

**A FUNGICIDE AND INSECTICIDE SEED TREATMENT PRODUCT PROVIDING SYSTEMIC SEED AND SEEDLING PROTECTION AGAINST LISTED EARLY SEASON SEEDLING DISEASES AND INSECTS OF SOYBEAN**

Active Ingredients	By Wt
Clothianidin <sup>1</sup> .....	24.030%
Ipconazole <sup>2</sup> .....	1.203%
Metalaxyl <sup>3</sup> .....	0.965%
Other Ingredients .....	73.802%
Total	100.000%

<sup>1</sup> (E)-1-(2-chloro-1,3-thiazol-5-ylmethyl)-3-methyl-2-nitroguanidine

<sup>2</sup> 2-[(4-chlorophenyl)methyl]-5-(1-methylethyl)-1-(1H-1,2,4-triazol-1-ylmethyl) cyclopentanol

<sup>3</sup> methyl N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-DL-alaninate

INOVATE™ Pro-INOVATE® Pro Seed Protectant contains 2.27 lbs clothianidin per gallon, 0.1137 lbs ipconazole per gallon and 0.0912 lbs metalaxyl per gallon.

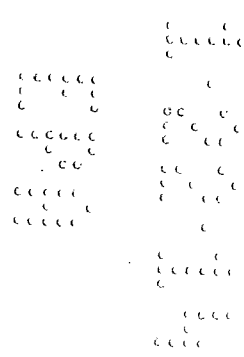
**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

**SEE NEXT PAGE FOR PRECAUTIONARY STATEMENTS**

**NET CONTENTS \_\_\_\_\_**

EPA Reg. No. 59639-195  
EPA Est. No.



### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS & DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist or vapor.

<b>FIRST AID</b>	
<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 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 Inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further 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>
<b>NOTE TO PHYSICIAN</b>	
Treatment is supportive and symptomatic.	
<b>HOT LINE NUMBER</b>	
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 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, 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**

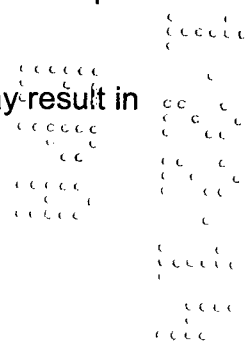
This product is toxic to birds, mammals and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Do not apply where runoff is likely 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 maybe hazardous to birds and mammals. Cover or collect spilled seeds.

This product 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.

Metalaxyl has properties and characteristics associated with chemicals detected in ground water. This chemical 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.

Ipconazole may persist in soil, and long term use in the same field may result in accumulation of active ingredient.



### 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.**

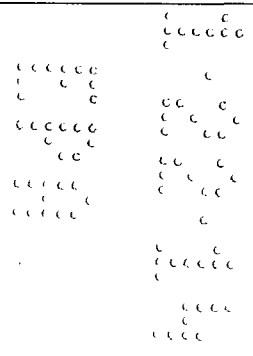
For use only in commercial seed treatment equipment. Not for use in hopper box, planter box, slurry box or other on-farm seed treatment applications. Do not apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

### 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) and restricted-entry interval. The requirements in this box only apply to 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 24 hours.

**Exception:** Once the seeds are planted in soil, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area without restriction if there will be no worker contact with the soil subsurface or treated seed. PPE required 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: long-sleeved shirt and long pants; chemical-resistant gloves; shoes plus socks.





**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.

**RESISTANCE MANAGEMENT**

*INOVATE* Pro 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 *INOVATE* Pro 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.

**RESTRICTIONS**

*INOVATE* Pro 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 of active ingredient clothianidin per acre per year.

**This product is undyed and uncolored.** As stated by regulations specified in 40 CFR 153.155, all seed treated with *INOVATE* Pro Seed Protectant must be colored with an EPA-approved dye or colorant to visually distinguish seed that is treated with a pesticide. It is mandatory that such dye or colorant be added into the slurry mixture containing *INOVATE* Pro Seed Protectant, prior to application through commercial seed treatment equipment. 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 (*INOVATE* Pro 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

*INOVATE* Pro Seed Protectant (containing clothianidin, ipconazole and metalaxyl) is an insecticide and fungicide seed treatment product offering both contact and systemic activity in providing broad-spectrum seed and seedling protection against seedling diseases, soil insects and early-season foliar insects of soybean. The fungicide components in *INOVATE* Pro Seed Protectant are effective for protection against *Fusarium* and *Rhizoctonia solani* and provide Pythium suppression. It is also effective against seed-borne *Phomopsis*, seed-borne *Sclerotinia* and seed rot fungi such as *Aspergillus* and *Penicillium*. Clothianidin, the insecticide contained in *INOVATE* Pro Seed Protectant, provides protection against aphids, bean leaf beetle, grape colaspis, leafhoppers, pea leaf weevil, seed corn maggot, three cornered alfalfa hopper, thrips, white grubs and wireworm.

Seed should be sound and well-cured before treatment.

Accurate application of *INOVATE* Pro Seed Protectant to seed is required for best protection against listed pests. Application to seed by commercial seed treatment equipment utilizing standard liquid or slurry treaters, is necessary. Mix *INOVATE* Pro Seed Protectant prior to application. Do not agitate or stir *INOVATE* Pro Seed Protectant while treating seed. *INOVATE* Pro Seed Protectant may be applied direct to soybean seed without adding water.

#### Tank Mix Information for Added Pythium and Phytophthora Protection

*INOVATE* Pro Seed Protectant provides *Pythium* suppression. If the target field has a history of high *Pythium* or *Phytophthora* pressure, *INOVATE* Pro Seed Protectant may be tank mixed with a metalaxyl or mefenoxam-containing product for increased protection against *Pythium* and *Phytophthora*. Consult your Valent U.S.A. Corporation representative for information regarding additional rates of metalaxyl or mefenoxam.

**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.**

#### SEED BAG TAG

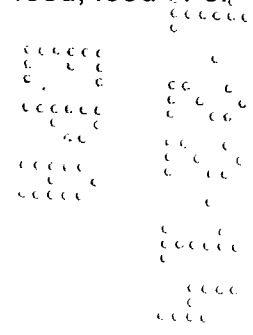
The Federal Seed Act requires that the container of seed treated with *INOVATE* Pro Seed Protectant must be labeled with the following statements:

- This seed has been treated with *INOVATE* Pro Seed Protectant which contains clothianidin, metalaxyl and ipconazole.
- 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 *INOVATE* Pro 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 3000 seeds/lb, at the label rate, the mg of clothianidin will be equal to 0.075 mg /seed).
- Store away from feeds and other foodstuffs.

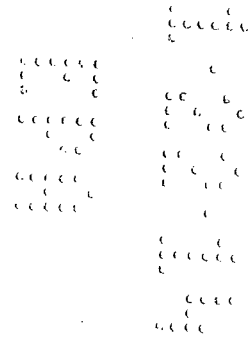
- Excess treated seed may be used for ethanol production only if (1) by-products are
- Not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.
- Wear long sleeved shirt, long pants and chemical-resistant gloves such as Natural Rubber ≥ 14 mils, Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber 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 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 graze or feed soybean forage and hay to livestock.
- Areas planted with treated seed of soybean may be replanted immediately with bulb vegetables, canola, cereal grains (except rice), cotton, corn (field, pop and sweet), fruiting vegetables (including cucurbits), leafy vegetables (including brassica vegetables), rapeseed, root and tuber vegetables and soybean. These areas may also be replanted after 30 days with dry beans, grasses, non-grass animal feeds and rice. These areas may also be replanted after 8 months with sugarcane. Do not plant any other crop in the treated area for at least one year 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.



<b>SOYBEAN</b>			
<b>Seed/Seedling Diseases</b>	<b>Insect Pests</b>	<b>INOVATE Pro Seed Protectant Use Rates</b>	
		<b>fl oz/100 lbs seed</b>	<b><sup>1</sup>mg active ingredient per seed</b>
<ul style="list-style-type: none"> <li>• Seed Rots (including seed-borne <i>Phomopsis</i>, seed-borne <i>Sclerotinia</i>, seed-borne and soil-borne <i>Fusarium</i>, <i>Penicillium</i> and <i>Aspergillus</i>)</li> <li>Damping Off and Seedling Blights (soil-borne <i>Pythium</i><sup>2</sup>, <i>Fusarium</i>, and <i>Rhizoctonia solani</i>)</li> </ul>	<ul style="list-style-type: none"> <li>Aphids</li> <li>Bean Leaf Beetle</li> <li>Grape Colaspis</li> <li>Leafhoppers</li> <li>Pea Leaf Weevil</li> <li>Seed Corn Maggot</li> <li>Three Cornered Alfalfa Hopper</li> <li>Thrips</li> <li>White Grubs</li> <li>Wireworm</li> </ul>	<p>2.81</p>	<ul style="list-style-type: none"> <li>clothianidin 0.0754 mg</li> <li>ipconazole 0.0038 mg</li> <li>metalaxyl 0.003 mg</li> </ul>
<ul style="list-style-type: none"> <li>• Foliar spray of clothianidin can be applied 45 days after planting INOVATE Pro Seed Protectant treated soybean seeds for mid- to late- season foliar insects.</li> <li>• Regardless of application method do not apply more than 0.2 lb (90.7 g) active ingredient clothianidin per acre per year.</li> <li>• Do not graze or feed soybean forage and hay to livestock.</li> </ul>			

<sup>1</sup> mg active ingredient per seed is based on 3000 seeds per pound, thus delivering 0.0822 mg ai/seed total active ingredients.

<sup>2</sup> Suppression only.



### 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

*[Use the following statement for all formulation types/all nonrefillable container types]*

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 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.

*[Use the following statement for all formulation types/all refillable container types]*

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing 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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Made in U.S.A.

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