

66330-272

03/17/2009

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

March 17, 2009

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Bill Washburn
Regulatory Manager
Arysta LifeScience North America LLC
15401 Weston Parkway, Suite 150
Cary, NC 27513

RE: Product Name: PGR-IV PLUS
EPA Reg. No: 66330-272
Your Label Notification dated January 28, 2009, to Update Container Disposal,
Company's Information, Emergency Telephone Numbers and Warranty per
PR Notices 98-10 and 2007-4

Dear Mr. Washburn:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticides Registration Notice (PRN) 98-10 dated above. A preliminary screen of this request has been conducted for its applicability under PRN 98-10 and it has been determined that the action(s) requested falls within the scope of PRN 98-10. Our records have been duly noted, and the letter submitted with this application has been stamped "Notification, received and reviewed" and will be placed accordingly in our records.

Questions concerning this action should be directed to Ms. Diana Hudson at (703) 308-8713 or email at hudson.diana@epa.gov.

Sincerely,

Sheryl K. Reilly

Sheryl K. Reilly, Ph.D., Chief
Microbial Pesticides Branch
Biopesticides and Pollution Prevention
Division (7511P)

 EPA United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other:	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 66330-272	2. EPA Product Manager PATRICIA MOE	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PGR-IV PLUS	PM#	
5. Name and Address of Applicant (Include ZIP Code) Arysta LifeScience North America, LLC 15401 Weston Parkway, Suite 150 Cary, NC 27513 <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: <p style="text-align: center;">NOTIFICATION</p> EPA Reg. No. _____ Date Reviewed: <u>3-17-09</u> Product Name _____ Reviewed By: <u>D. Hudson</u>

Section - II

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application <input type="checkbox"/> Other - Explain below
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Explanation: Use additional page(s) if necessary. (For Section I and Section II.)


Notification of label change per PR Notice 2007-4. This notification is consistent with guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 USC Sec 1001 to willfully make any false statement to EPA. I further understand that if the amendment is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, 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.

Notification of label change per PR Notice 98-10. 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 USC 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 may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

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 If "Yes" Unit Packaging wgt. No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Package wgt. No. per container	<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 1.0 lb., 3.0 lb., 5 lb., and 10 lb.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)			
Name Bill Washburn	Title Regulatory Manager	Telephone No. (Include Area Code) 908-452-5118	
Certification 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 (Stamped)
2. Signature 		3. Title Regulatory Manager	
4. Typed Name Bill Washburn		5. Date 01/28/09	



January 28, 2009

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Ms. Patricia Moe
Document Processing Desk (NOTIF)
Office of Pesticide Programs – 7504P
U.S. Environmental Protection Agency
One Potomac Yard, Room S-4900
2777 South Crystal Drive
Arlington, VA 22202

Subject: PGR-IV PLUS
EPA Reg. No. 66330-272

**Notification of Label Change per PR Notice 2007-4
and PR Notice 98-10**

Dear Ms. Moe:

Please find the following enclosed:

- Application for Pesticide Registration (Other) dated 01/28/09.
- One highlighted copy of subject label, showing all changes.
- One clean copy of the subject label.

Notification of label change per PR Notice 2007-4. This notification is consistent with guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 USC Sec 1001 to willfully make any false statement to EPA. I further understand that if the amendment is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, 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.

Also in this submission, we are using PR Notice 98-10 to update the name of the company, emergency telephone numbers and warranty. Arysta LifeScience North America Corporation was changed to Arysta LifeScience North America, LLC.

Please acknowledge acceptance of this notification by stamping the extra copy of this letter and returning in the enclosed self-addressed stamped envelope. Should you have any questions or comments, please do not hesitate to contact me at 901-432-5118 or by e-mail at bill.washburn@arystalifescience.com

Sincerely,

Bill Washburn
Regulatory Manager

cc: [illegible]

IF INHALED:	<ul style="list-style-type: none"> • 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 center or doctor for further treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
<p>EMERGENCY TELEPHONE NUMBERS: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p>FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE CALL: 1-866-303-6952</p> <p>FOR CHEMICAL EMERGENCY: Spill, leak, exposure, or accident call CHEMTREC 1-800-424-9300</p>	

EPA Reg. No. 66330-272
AD 020206

EPA Est. No. 51036-GA-001

NET CONTENTS:

Manufactured For:
 Arysta LifeScience North America, LLC
 15401 Weston Parkway, Suite 150
 Cary, NC 27513

REGISTRATION/AMENDMENTS/PGR-IV PLUS (280) First Aid Clean
Resubmitted as per EPA letter of 080205 jb
Added add'l language as requested per EPA email of 2/13/06

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or inhaled. Avoid breathing vapor or spray mist. Causes moderate eye irritation. Remove contaminated clothing and wash before reuse. Harmful if absorbed through skin. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants
2. Waterproof gloves
3. Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate.

Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. Users should remove clothing/personal protective equipment 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, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

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

REGISTRATION/AMENDMENTS/PGR-IV PLUS (280) First Aid Clean
Resubmitted as per EPA letter of 080205 jb
Added add'l language as requested per EPA email of 2/13/06

PR Notice 2007-4
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 and restricted-entry intervals. 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 4 hours.

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:

1. Coveralls
2. Waterproof gloves
3. Shoes plus socks

STORAGE AND DISPOSAL

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

STORAGE: Protect from freezing. Store out of direct sunlight.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: 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 and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 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. Offer for recycling, if available, or dispose in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

MIXING AND APPLICATION INSTRUCTIONS

Apply PGR-IV PLUS in a minimum of 5 gallons of diluent for aerial application and 10 gallons for ground application. Thorough coverage is important. Enough foliage should be present to capture most of application. PGR-IV PLUS can be mixed with most foliar fertilizers, fungicides and herbicides labeled for over-the-top application. Follow all other label instructions regarding application restrictions to avoid unwanted phytotoxicity.

NOTE: Solvent based herbicides and high rates of foliar fertilizers will burn crop vegetation when applied during periods of high temperature and/or humidity, especially if tank mixed with each other. PGR-IV PLUS can increase the phytotoxicity of these mixtures when applied during periods of high temperatures and/or humidity.

Do not apply plant growth regulators to crops under stress. Application during moisture stress will not be beneficial.

NOTE: THIS PRODUCT IS COMPATIBLE WITH MOST COMMONLY USED PESTICIDES. HOWEVER, IT IS ADVISABLE TO ALWAYS CHECK FOR COMPATIBILITY. SHAKE WELL BEFORE USING.

REGISTRATION/AMENDMENTS/PGR-IV PLUS (280) First Aid Clean
Resubmitted as per EPA letter of 080205 jb
Added add'l language as requested per EPA email of 2/13/06

SEED TREATMENT

At Planting Treatment:

Use of seed treated with PGR-IV PLUS at the recommended rates precludes the need for in furrow application of PGR-IV PLUS at planting. Do not allow treated seed to be used for food or feed.

Use suitable treatment equipment with good mixing action to obtain good and even coverage. Sufficient water should be added to the PGR-IV PLUS to insure uniform coverage. Improper coverage will minimize product performance. A seed treatment dye is not required for at planting seed treatment but is recommended to insure identification of treated seed and as an aid to measure coverage of seed. PGR-IV PLUS can be mixed with other fungicides, growth regulators and insecticides labeled for seed treatment.

Apply PGR-IV PLUS directly to the seed using the following rate table:

<u>Seed Type</u>	<u>Rate Per 100 Pounds of Seed</u>
Corn	30 - 50 fluid ounces
Milo or Grain Sorghum	30 - 50 fluid ounces
Rice	6 - 8 fluid ounces
Wheat (Winter or Spring)	6 - 8 fluid ounces

NOTE: These rates are based on achieving the equivalent of 6 to 8 fluid ounces of formulated PGR-IV PLUS per acre of planted seed. Users should vary rates according to specific seed planting rates due to seed variety, soil types or other local conditions.

Commercial Seed Treatment:

PGR-IV PLUS may be applied as a water-based slurry with other registered seed treatment products through standard slurry or mist-type commercial seed treatment equipment. Use the equivalent rates in the above table.

NOTE: Federal law requires that bags containing treated seed shall be labeled with the following statements:

"This seed has been treated with Micro Flo Company's PGR-IV PLUS. Do not use seed for food, feed or oil purposes."

REGISTRATION/AMENDMENTS/PGR-IV PLUS (280) First Aid Clean
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"Store away from feeds or foodstuffs."

The purchaser of this product is responsible for insuring that all seed treated with this product are adequately dyed with a suitable color to prevent its accidental use as food for man or feed for animals. Refer to 21 CFR, Part 2.25. Any dye added must be cleared for use under 40 CFR, Part 180.1001.

RICE

Option A:

- 16 fluid ounces of PGR-IV PLUS per acre at 3 - 7 leaf stage.

Option B:

- 8 fluid ounces of PGR-IV PLUS per acre applied as seed treatment.
- 8 fluid ounces of PGR-IV PLUS per acre applied at 3 - 7 leaf stage.

Option C:

- 6 fluid ounces of PGR-IV PLUS per acre applied as seed treatment.
- 6 fluid ounces of PGR-IV PLUS per acre applied at 3 - 7 leaf stage.
- 6 fluid ounces of PGR-IV PLUS per acre applied between boot and flag stage.

Rice planted on soils with high sodium content or high Ph should begin treatments at planting. Early planted rice expected to receive cool, damp conditions during germination should begin treatments at planting. Rice varieties having poor seed quality should receive late treatments.

WINTER WHEAT

Option A:

- 12 - 16 fluid ounces of PGR-IV PLUS per acre at early tiller after dormancy break.

Option B:

- 6 fluid ounces of PGR-IV PLUS per acre as a seed treatment.
- 10 fluid ounces of PGR-IV PLUS per acre at early tiller after dormancy break.

Option C:

- 6 fluid ounces of PGR-IV PLUS per acre as a seed treatment.
- 6 fluid ounces of PGR-IV PLUS per acre at early tiller after dormancy break.

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- 6 fluid ounces of PGR-IV PLUS per acre at boot stage.

SPRING WHEAT

Option A:

- 12 - 16 fluid ounces of PGR-IV PLUS per acre at 3 - 7 leaf stage.

Option B:

- 6 - 8 fluid ounces of PGR-IV PLUS per acre applied as a seed treatment.
- 8 - 10 fluid ounces of PGR-IV PLUS per acre applied at 3 - 7 leaf stage.

Wheat planted on soils with high sodium content or high Ph should be treated at planting. PGR-IV PLUS can be tank mixed with liquid nitrogen application at dormancy break and fungicides at boot stage.

CORN

Option A:

- 12 - 16 fluid ounces Ph PGR-IV PLUS per acre at early growth (6 - 18 inch plant height).

Option B:

- 6 fluid ounces of PGR-IV PLUS per acre as a seed treatment or applied in furrow at planting.
- 6 fluid ounces of PGR-IV PLUS at early growth stage (6 - 18 inch plant height).
- 6 fluid ounces of PGR-IV PLUS per acre during silking stage.

MILO OR GRAIN SORGHUM

Option A:

- 12 fluid ounces of PGR-IV PLUS per acre at 3 - 7 leaf stage.

Option B:

- 6 - 8 fluid ounces of PGR-IV PLUS per acre as a seed treatment or applied in furrow at planting.
- 6 - 8 fluid ounces of PGR-IV PLUS per acre at 3 - 7 leaf stage.

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Warranty and Disclaimer Statement

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. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America, LLC ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

Arysta 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 described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, MANUFACTURER, AND SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. NO AGENT, REPRESENTATIVE OR EMPLOYEE OF ARYSTA IS AUTHORIZED TO MAKE ANY WARRANTY, GUARANTEE OR REPRESENTATION BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE TOTAL LIABILITY OF ARYSTA, MANUFACTURER, AND SELLER, SHALL BE LIMITED TO THE PURCHASE PRICE PAID, OR AT ARYSTA'S ELECTION, THE REPLACEMENT OF THE PRODUCT.

(Back Panel Label)

GUARANTEED FERTILIZER ANALYSIS

ZINC (Zn)	5.000%
IRON (Fe)	1.000%
	100.000%

Zinc derived from Zinc Sulfate.
Iron derived from Ferric Nitrate.

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