



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 5, 2017

Norma C. Pangilinan, Ph.D.  
Head of Regulatory Affairs  
SBM Life Science Corporation  
1001 Winstead Drive Suite 500  
Cary, NC 27513

Subject: Notification per PRN 98-10 – Updated registration number, company information and addition of alternate brand names, marketing claims, and graphic icon  
Product Name: FLOWER, ROSE, AND SHRUB CARE II  
EPA Registration Number: 92564-48  
Application Date: 04/07/2017  
Decision Number: 528613

Dear Ms. Pangilinan:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

The alternate brand names:

Bianova Advanced All-in-One Rose & Flower Care Ready-to-Use Granules  
BioAdvanced All-in-One Rose & Flower Care Ready-to-Use Granules  
BioAdvanced Science-Based Solutions All-in-One Rose & Flower Care Ready-to-Use Granules  
Fortifend Advanced All-in-One Rose & Flower Care Ready-to-Use Granules; have been added to the product record.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

Page 2 of 2  
EPA Reg. No. 92564-48  
Decision No. 528613

If you have any questions, please contact Maryam K. Muhammad by phone at 703-347-0301, or via email at [Mohammad.maryam@epa.gov](mailto:Mohammad.maryam@epa.gov).

A handwritten signature in cursive script, appearing to read "Hope Johnson for".

Hope Johnson, Product Manager 21  
Fungicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

## NOTIFICATION

92564-48

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

[FRONT PANEL]

05/05/2017

# Flower, Rose & Shrub Care II

(ABN) Bayer Advanced All-in -one Rose & Flower Care Ready-to-use Granules; **Bianova Advanced All-in-One Rose & Flower Care Ready-to-Use Granules; BioAdvanced All-in-One Rose & Flower Care Ready-to-Use Granules; BioAdvanced Science-Based Solutions All-in-One Rose & Flower Care Ready-to-Use Granules; Fortifend Advanced All-in-One Rose & Flower Care Ready-to-Use Granules**

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### Fertilizer Claims:

- Promotes Strong Roots and Beautiful Blooms
- Fertilizer-feeds and renews
- Feeds for up to 6 weeks
- Free Sample
- Keeps on feeding for up to 6 weeks
- Continuous feeding for up to 6 weeks
- Feeds and renews for up to 6 weeks
- Improves plant growth
- Revitalize roses, flowers and shrubs
- Spurs roses, flowers and shrub recovery
- Stimulates roses, flowers & Shrub recovery
- Increases plant growth
- Promotes stronger roots systems
- Provides slow release feeding (fertilizer)

### General & Combination Claims:

- Feeds and protects (against insects and disease) in one (easy) step.
- 100% Satisfaction Guaranteed (or your money back)
- 3 Systemic Products in One (3-way protection) (Triple Action formula)
  - Fertilizer – Feeds & Renews
  - Insect Control
  - Disease Control
- Complete Rose and Flower Care
- Easy to use....
- No spraying or mixing
- Protects and feeds entire plant (Rose, flower, shrub)
- Easy to use measuring cap (cup)
- 33% more vs. 3 lb. size (4 lb. size)
- 25% more vs. 4 lb. size (5 lb. size)
- No messy spraying
- 3 Systemic Products in One
  - Fertilizer – Promotes strong roots & Beautiful blooms
  - Insect Control - Japanese beetles, aphids, caterpillars, & other listed pests
  - Disease Control - Black spot powdery mildew, rust & southern blight

### Pesticidal Claims:

- Provides up to 6 weeks insect and disease protection
- Kills Aphids, Lace bugs, budworms and Other Harmful Insects
- Kills Harmful Insects
- One application protects for 6 weeks.
- Controls listed [\*] Aphids, Thrips, Whiteflies and Other Insects.

- Contains Imidacloprid, the active ingredient in Flower, Rose & Shrub Care II
- Protects Against Insects & Diseases for 6 Weeks
- Even Protects New Growth
- For Control of Listed Diseases on Roses, Flowers, and Shrubs
- Prevents, Stops and Cures Specified Diseases of Roses, Flowers, and Shrubs
- Controls Specified Diseases That Harm Roses, Flowers, and Shrubs
- Rescues Roses, Flowers, and Shrubs from Insects & Diseases
- Cures Listed Diseases and Restores Beauty to Roses, Flowers and Shrubs
- A New Way to Feed and Protect Your Roses, Flowers and Shrubs from Insects & Diseases
  - Caterpillar Killer formula
  - Kills (controls) (stops) destructive caterpillars (such as budworms)
  - Kills Japanese beetles and other leaf feeding beetles

### Potential Marketing Claims for New Easy Open Cap:

- Gripper] [Ridged] [Cap] [Lid] [Top] makes the [product] [bottle] easy to open
- EZ Open [Gripper] [Ridged] [Cap] [Lid] [Top]
- Easy Open [Gripper] [Ridged] [Cap] [Lid] [Top]
- Easy Screw Off [Cap] [Lid] [Top]
- EZ [Open] Grip
- Easy [Open] Grip
- [Cap][Lid] [Top] opens easily
- [Cap][Lid] [Top] opens with ease
- Ridged Cap makes the bottle easy to open
- EZ Open Ridged Cap
- Easy Open Ridged Cap
- Easy Screw Off Cap
- EZ Open Cap
- Easy Open Cap
- Cap opens easily
- Cap opens with ease
- No more struggling to [remove][open]the cap with the [new] [EZ] ridged cap
- Comfort Cap
- Easy Twist Off Cap
- Remove cap easily
- Comfort [Cap] [Lid] [Top]
- Easy [Open] Cap
- Easy Twist Off [Cap] [Lid] [Top]
- Remove [cap] [lid] [top] easily
- Easy twist off design
- Fill line helps you see how much to use
- No more guessing how much to use
- Fill measuring cap to the FILL LINE [indicated on the exterior of the cap] [(X oz.)]

**Bonus Size/Promotional Language**

- 25% MORE\* vs. 8lbs. Size
- 25% MORE\* vs. 4 lbs. Size
- 50% MORE\* vs. 4 lbs. Size
- 20% MORE\* vs. 5 lbs. Size
- Value Pack
- Multi-Pack
- 2-Pack
- 2-Pack Value Pack
- Treats [XXX] Rose Bushes

- Treats [XXX] sq. ft.

**FOR OUTDOOR USE ON:**

- Azaleas, Camellias and Rhododendrons
- Flowering Shrubs
- Flowers, Roses, Shrubs, and bedding plants
- Promotes Beautiful Roses, Shrubs and Flowers
- Protects against destructive caterpillars
- Works on caterpillars

**Marketing Claim for Brand Name Change:**

**New Name. Same Great Results.**

**New Name. Same Familiar Formula.**

**New Name. Same Performance.**

\*listed (Note to PM: The word "listed" can appear as a footnote with the appropriate phrase, \*listed pests[/](insects))

Not for sale, distribution or use in the State[s] of New York, [Connecticut], [and] [Maryland].

**ACTIVE INGREDIENT\*:**

Tebuconazole .....	1.06%
Imidacloprid .....	0.11%
Clothianidin .....	0.05%

**OTHER INGREDIENTS.....** 98.78%

**TOTAL.....** 100.00%

\*Tebuconazole (CAS # 107534-96-3), Imidacloprid (CAS # 138261-41-3) and Clothianidin (CAS # 210880-92-5).

Net Contents: 2 oz, 4 lb, 5 lb, 6 lb

STOP - Read This Entire Label Before Use

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**See back panel booklet for additional precautionary statements**

**FIRST AID**

<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>
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**NOTE:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may call toll-free 1-877-229-3763 for medical emergency information.

**[BACK PANEL]**

This product's exclusive [3-in-one] [all-in-one] formula feeds and protects against [listed] [\*] insects & diseases in one easy step. It provides 6 week protection against the major [listed] [\*] problems of roses, hibiscus, iris and other flowers and shrubs. Easy to use no spraying or mixing. Growing beautiful roses, flowers and shrubs has never been easier!


No spraying or mixing

Measure (Art)

Sprinkle evenly, work into soil (Art)

& water in (Art)

**READ THE LABEL FIRST!**

QUICK FACTS									
<ul style="list-style-type: none"> <li>• 3 Systemic Products in One                             <ul style="list-style-type: none"> <li>▪ Fertilizer – Feeds &amp; Renews</li> <li>▪ Insect Control</li> <li>▪ Disease Control</li> <li>▪ [Choose from optional Marketing claims list]</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Protects Against [listed] [*] Insects &amp; [listed] [*] Diseases for 6 Weeks</li> <li>• Easy to use....</li> <li>• No Spraying or mixing</li> </ul>								
<b>INSECTS CONTROLLED</b>	<table border="1"> <thead> <tr> <th>Insects</th> <th>Plants</th> </tr> </thead> <tbody> <tr> <td>                     Adelgids                      Aphids                      Black Vine Weevil Larvae                      Borers,                          Flatheaded (including Bronze Birch and Alder Borers)                          Roundheaded (including Eucalyptus Longhorned Borers)                      Budworms                      Caterpillars (including roseslugs and leafrollers)                      Japanese Beetles, Adult                      Lace Bugs                      Leaf Beetles (including Elm Leaf Beetles and Viburnum Leaf Beetles)                 </td> <td>                     Leafhoppers (including Glassy-winged Sharpshooters)                      Leafminers (including Birch Leafminers and Holly Leafminers)                      Mealybugs                      Mimosa webworms                      Pine Tip Moth Larvae                      Psyllids                      Royal Palm Bugs                      Sawfly Larvae                      Scales (including Armored Scale [suppression] and Soft Scale)                      Spittlebugs                      Thrips                      Whiteflies                 </td> </tr> </tbody> </table>	Insects	Plants	Adelgids Aphids Black Vine Weevil Larvae Borers, Flatheaded (including Bronze Birch and Alder Borers) Roundheaded (including Eucalyptus Longhorned Borers) Budworms Caterpillars (including roseslugs and leafrollers) Japanese Beetles, Adult Lace Bugs Leaf Beetles (including Elm Leaf Beetles and Viburnum Leaf Beetles)	Leafhoppers (including Glassy-winged Sharpshooters) Leafminers (including Birch Leafminers and Holly Leafminers) Mealybugs Mimosa webworms Pine Tip Moth Larvae Psyllids Royal Palm Bugs Sawfly Larvae Scales (including Armored Scale [suppression] and Soft Scale) Spittlebugs Thrips Whiteflies				
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<b>FEEDS</b>	XX-XX-XX fertilizer for strong roots, shoots, and blooms								
<b>WHERE TO USE</b>	Roses, flowers, iris, hibiscus, azaleas, camellias, rhododendrons and other shrubs								
<b>WHEN TO USE</b>	Every 6 weeks throughout the growing season (See seasonal limitations in Directions For Use.)								
<b>COVERAGE</b>	Treats up to 32 roses & other shrubs or over 700 square feet of flowerbed (4 lb. size.)								
	Questions or comments, call toll-free <a href="tel:1-877-BayerAG">1-877-BayerAG</a> 1-877-229-3724 or visit us online at <a href="http://www.bianovaadvanced.com">www.bianovaadvanced.com</a>   <a href="http://www.BioAdvanced.com">www.BioAdvanced.com</a>   <a href="http://www.BioAdvancedScienceBasedSolutions.com">www.BioAdvancedScienceBasedSolutions.com</a>   <a href="http://www.fortifendadvanced.com">www.fortifendadvanced.com</a>								

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EPA Reg. No. 72155-94, 92564-48

EPA Est. No. XXXX-AA-1

**Guaranteed Analysis**

Total Nitrogen (N).....	XX%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ).....	XX%
Soluble Potash (K <sub>2</sub> O).....	XX%

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Information regarding the contents and levels of metals in this product are available on the Internet at <http://www.regulatory-info-ba.com> [http://www.aapfco.org/metals.htm].

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When applied as directed, this product meets the guidelines for metals adopted by the Association of American Plant Food Control Officials.

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

#### CAUTION

- Causes moderate eye irritation.
- Avoid contact with eyes or clothing.
- Wear long-sleeved shirt, long pants, shoes, socks, and gloves made of any waterproof material.
- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, tobacco, or using the toilet.

#### Environmental Hazards

- This product is toxic to birds, mammals, fish, and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.
- Ground Water Advisory: Tebuconazole is known to leach through soil into ground under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.
- Surface Water Advisory: This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted within 48 hours.

## DIRECTIONS FOR USE

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

<b>BEFORE YOU USE</b>	<b>Restrictions</b>	
Read and follow these directions and restrictions when using.	<ul style="list-style-type: none"> <li>• Do not apply near lakes, streams, rivers or ponds.</li> <li>• Do not apply to plants grown for food.</li> <li>• Do not treat plants grown in pots, flower boxes or other containers.</li> <li>• Do not apply to soils which are water logged or frozen.</li> <li>• Do not use measuring utensils, measuring cups, or measuring spoons used for food or drinking water purposes to measure this product.</li> <li>• Do not apply this product, by any application method, to linden, basswood, or other Tilia species.</li> <li>• For outdoor residential use only.</li> <li>• Do not use more than 250 lbs of product (0.4 lbs of imidacloprid + clothianidin) per acre per year.</li> </ul>	
<b>WHEN TO USE</b>	Apply when planting. For established plants, use any time after new growth appears. Apply again every 6 weeks during the growing season.	
<b>HOW MUCH TO USE</b> <b>Large Cap</b> Fill measuring cap to top of inner circle (2 oz.) [Fill measuring cap to the FILL LINE indicated on the exterior of the cap (2 oz.)]	Azaleas, Camellias, & Rhododendrons:	½ capful per foot of plant height
	Roses:	1 capful per plant
	Shrubs:	½ capful per foot of plant height
	Flower beds:	½ capful per 12 sq ft (3' x4' bed area)
<b>Small Cap</b> Fill measuring cap to top of inner circle (1oz.).	Azaleas, Camellias, & Rhododendrons:	1 capful per foot of plant height
	Roses:	2 capfuls per plant
	Shrubs:	1 capful per foot of plant height
	Flower beds:	1 capful per 12 sq ft (3' x4' bed area)
<b>Measuring Cup</b>	Azaleas, Camellias, & Rhododendrons:	(x cups) 1 oz. per foot of plant height
	Roses:	(x cups) 2 oz. per plant
	Shrubs:	(x cups) 1 oz. per foot of plant height
	Flower beds:	(x cups) 1 oz. per 12 sq. ft. (3'x4' bed area)
2 oz – Free Sample	Roses:	1 package per plant
	Flower Beds:	1 package per 24 sq ft
<b>HOW TO APPLY</b>	<ol style="list-style-type: none"> <li>1. Apply granules to soil around base of plant, sprinkling evenly in the area under the branches. (ART)</li> <li>2. Work granules into top 1 to 2 inches of soil. (ART)</li> <li>3. Water thoroughly after applying. (ART)</li> </ol> <p>For flower beds, sprinkle granules evenly over the bed, cultivate lightly into the soil, and water in thoroughly.</p>	
<b>FOR BEST RESULTS</b>	<ul style="list-style-type: none"> <li>• Begin using this product in the spring when plants are actively growing.</li> <li>• Reapply every 6 weeks for a total of 3 applications per year. In areas where [listed] [*] disease occurs frequently and the soil is sandy, the application interval can be shortened to 4 – 5 weeks for a total of 4 applications per year, except for flower beds, where you are limited to 3 applications.</li> <li>• Ensure the product gets down into the rootzone by, <ul style="list-style-type: none"> <li>- pulling mulch away from plants to be treated.</li> <li>- building a well around individual plants.</li> <li>- Sprinkle granules evenly around the plant and water-in thoroughly.</li> </ul> </li> <li>• Keep rose, flower and shrub beds clean. This minimizes harborage sites for [listed] [*] diseases and [listed] [*] insects (for additional cultural practices, consult your local County Extension Service).</li> </ul>	
<b>HOW IT WORKS</b>	Water moves the product down into the root zone where it is taken up & moved into the plant. The entire plant, even new growth, is fed and protected against [listed] [*] insects and [listed] [*] disease. Rain or watering cannot wash off this long-lasting systemic protection	



Do not allow people or pets to enter the treated area until the product has been watered in and allowed to dry.


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### STORAGE AND DISPOSAL

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

**Storage:** Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet.

**Container Handling:**



**If Empty:**

- Non-refillable container. Do not refill or reuse this container.
- Place empty container in trash or offer for recycling if available.

**If partly filled:**

- Call your local solid waste agency or toll-free 877-229-3724 for disposal instructions.
- Never place unused product down any indoor or outdoor drain.

### NOTICE

Research and testing have determined that the "Directions for Use" are appropriate for the proper use of this product under expected conditions.

To the extent permitted by applicable law, the Buyer assumes responsibility for lack of performance or safety if the product is not used according to the directions on this label.

Money Back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.

Produced for  
Distributed by

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**A Business Unit of Bayer CropScience LP**  
**P.O. Box 12014, 2 T.W. Alexander Drive**  
**Research Triangle Park, North Carolina 27709**

Flower, Rose & Shrub Care II (Pending) 04/06/2017

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[Images]

