

72155-56

12/30/2013

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

DEC 30 2013

Ms. Annette Bloomberg
Bayer Advanced
P.O. Box 12014
2 T.W. Alexander Dr.
Research Triangle Park, NC 27709

Subject: Notification to add Oregon state restriction on Linden trees
Merit 2.94 TLC Insecticide Concentrate
EPA Reg. No. 72155-56

Dear Ms. Bloomberg:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated December 11, 2013 for the product Merit 2.94 TLC Insecticide Concentrate. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-5967 or e-mail me at gaines.jennifer@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Jennifer Gaines".

Jennifer Gaines
Wildlife Biologist
Insecticide-Rodenticide Branch
Registration Division (7505P)
Office of Pesticide Programs



United States
Environmental Protection Agency
Washington, DC 20460

<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 72155-56	2. EPA Product Manager Venus Eagle	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Merit 2.94 TLC	PM# #1	
5. Name and Address of Applicant (Include ZIP Code) Bayer Advanced P.O. Box 12014, 2 T.W. Alexander Drive Research Triangle Park, NC 27709 <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 to that of the pesticide for which registration and labeling to: NOTIFICATION EPA Reg. No. _____ DEC 30 2013 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 of minor label modification per PR Notice 98-10. See attached Section II explanation.
 Oregon State use restriction on Linden Trees.
 Contact information: annette.bloomberg@bayer.com (919-549-2608 work; 919-627-0498 cell)

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt. No. per container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Package wgt No. per container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input 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 Annette M. Bloomberg	Title Regulatory Product Manager	Telephone No. (Include Area Code) (919) 549-2608
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 <i>Annette M. Bloomberg</i>	3. Title Regulatory Product Manager	
4. Typed Name Annette M. Bloomberg	5. Date December 11, 2013	

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NOTIFICATION

(Front Panel)

DEC 3 0 2013

Merit[®] 2.94 TLC Insecticide Concentrate

- Prevents damage from listed [insects] pests
- Insects stop eating when they feed on the plant
- Protects trees and shrubs from damaging insects with one easy treatment
- Protects new growth from insect damage
- Controls insects that damage trees and shrubs
- Year-long insect protection for trees and shrubs with one application
- 12-month insect protection. Kills insects and prevents new infestations
- One application protects up to 12 months
- One gallon treats up to 20 medium size trees or 42 average size shrubs
- Insect protection that won't wash off
- Prevents insects from damaging trees and shrubs
- Will not harm [Safe to] trees and shrubs
- For use on [landscape] ornamental trees, listed fruit & nut trees, and shrubs
- Landscape Formula – Treats twice as much†
- Kills insects including Emerald Ash Borer
- 100% Satisfaction Guaranteed* [or your money back]

ACTIVE INGREDIENT:

Imidacloprid 2.94 %

OTHER INGREDIENTS:

..... 97.06 %

Net Contents: 8 fl. oz. (237 mL) or 16 fl. oz. (473 mL) or 30 fl. oz. (887 mL) or 32 fl. oz. (946 mL) or 64 fl. oz. (1.89 L) or 120 fl. oz. (3.55 L) or 1 Gal (3.78 L)

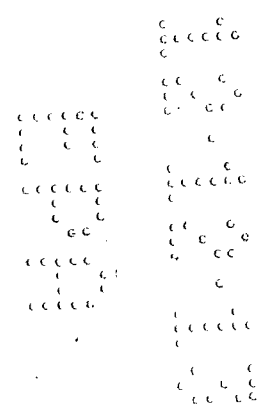
KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back Panel [Booklet] for Additional Ingredients and Precautionary Statements

Not for sale, sale into, distribution and or use in Nassau, Suffolk, Kings, and Queens counties of New York.

[] Information is optional



(BACK PANEL)

Merit 2.94 TLC Insecticide Concentrate provides 12-month systemic protection against damaging insects including Adelgids, Aphids, Leafminers, Japanese Beetles, and Emerald Ash Borers. Having beautiful pest-free trees and shrubs has never been easier.

READ THE LABEL FIRST!

QUICK FACTS	
<ul style="list-style-type: none"> • Provides Year Long (12-month) Insect Protection • Will Not Harm Trees and Shrubs • Easy to Use . . . Mix in Water and Pour Around Plant (Tree/Shrub) • Not Affected by Rain [Sprinklers] • [Convenient MEASURE-UP™ Cup] • No Spraying, Just mix...and pour, Protects entire tree for up to 12-months. 	
KILLS	Adelgids, Aphids, Bronze Birch Borers, Emerald Ash Borers, Leafminers, Scale and other listed pests
COVERAGE	Trees: 256" of distance around tree(s) Shrubs: 42 (2 ft tall)
WHERE TO USE	Outdoor trees and shrubs, including listed fruit and nut trees.
WHEN TO USE	Once a year or when insects are present
HOW MUCH TO USE	Trees: 0.5 ounce per inch of distance around trunk Shrubs: 1.5 ounces per foot of height [Roses: 1 oz per plant]
For questions or comments, call toll-free 1-877 BayerAG	

FOR OUTDOOR RESIDENTIAL USE ONLY

ACTIVE INGREDIENT:

Imidacloprid 2.94 %

OTHER INGREDIENTS: 97.06 %

TOTAL 100.00%

EPA Reg. No. 72155-56

EPA Est. No. _____

Imidacloprid is the chemical name for Merit®

† This product contains twice the concentration of the Bayer Advanced 12-month Tree & Shrub Insect Control Concentrate.

FIRST AID	
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 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.
<p>NOTE: When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. You may call toll-free 877-229-3763 for medical emergency information. Active Ingredient: 2.94% Imidacloprid (CAS # 138261-41-3).</p>	

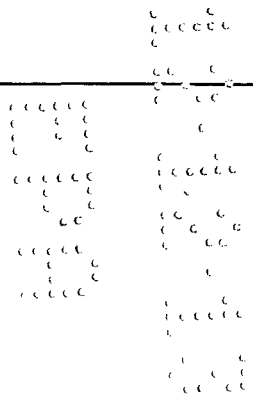
PRECAUTIONARY STATEMENTS	
HAZARDS TO HUMANS AND DOMESTIC ANIMALS	
CAUTION	
<ul style="list-style-type: none"> • Causes moderate eye irritation. • Avoid contact with skin, eyes, or clothing. • Wash thoroughly with soap and water after handling. 	

ENVIRONMENTAL HAZARDS
<ul style="list-style-type: none"> • This pesticide is toxic to aquatic invertebrates. • Do not dump rinse water into sewers or other bodies of water. • 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. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.


DIRECTIONS FOR USE

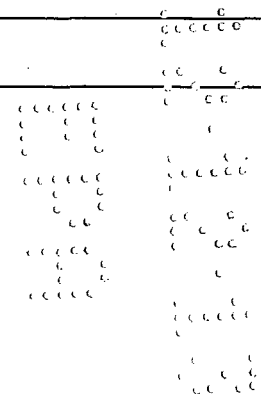
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For best results, read and follow all label directions.

BEFORE YOU USE Read and follow directions when using.	RESTRICTIONS: <ul style="list-style-type: none"> • Do not apply near lakes, streams, rivers, or ponds. • Do not apply to soils which are water-logged or saturated. • Bucket or measuring utensils should not be used for any food or drinking water purposes after use with this product. • Do not apply this product, by any application method, to linden, basswood, or other Tilia species. 										
HOW TO USE	Determine the amount to use by measuring the distance around the tree trunk or height of the shrub. Pour the required amount into a bucket of water and empty the bucket around the base of the tree/shrub.										
FOR USE ON	Outdoor trees and shrubs including listed fruit and nut trees: <table style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Apple</td> <td style="width: 25%;">Loquat</td> <td style="width: 25%;">Oriental Pear</td> <td style="width: 25%;">Pecan</td> </tr> <tr> <td>Crabapple</td> <td>Mayhaw</td> <td>Pear</td> <td>Quince</td> </tr> </table>			Apple	Loquat	Oriental Pear	Pecan	Crabapple	Mayhaw	Pear	Quince
Apple	Loquat	Oriental Pear	Pecan								
Crabapple	Mayhaw	Pear	Quince								
CONTROLS [KILLS]	<ul style="list-style-type: none"> Adelgids Aphids Black Vine Weevil Larvae Borers <ul style="list-style-type: none"> Roundheaded (Including Asian Longhorned Beetle and Eucalyptus Longhorned Borers) Flatheaded (Including Bronze Birch, Alder Borers) and Emerald Ash Borer Japanese Beetles, Adult, Lacebugs Leaf Beetles (including Elm Leaf Beetles, Viburnum Leaf Beetles, and Willow Leaf Beetles) Leafhoppers (including Glassy-Winged Sharpshooter) Leafminers (Including Birch Leafminers) 	<ul style="list-style-type: none"> Mealybugs Pine Tip Moth Larvae Psyllids Root Weevil Larvae (including black vine weevil) Royal Palm Bugs Sawfly Larvae Scales (including Armored Scale (Suppression) and Soft Scale) Thrips Whiteflies 									
HOW MUCH TO APPLY	<ul style="list-style-type: none"> • Trees: 0.5 oz per inch of distance around trunk • Shrubs: 1.5 oz per foot of height [• Roses: 1 oz per plant] 										



HOW MUCH TO APPLY continued	Tree With One Trunk	Measure distance (in inches) around tree trunk at chest height. A flexible tape measure is the recommended method [tool]. Multiply the number of inches by 0.5 – this is the number of ounces of MERIT 2.94 TLC to apply.
	Tree With 2 or More Trunks	Measure the distance (in inches) around each tree trunk at chest height and add together. Multiply this total by 0.375 to get the required number of ounces of MERIT 2.94 TLC to apply. Example: A tree has 4 trunks. They measure 20, 10, 5 and 5 [inches] or a total of 40 [inches]. 40 X 0.375 = 15 ounces.
	Shrubs	Measure the height of the shrub to the nearest foot. Round any inches down to the nearest foot if less than 6" and up to the nearest foot if greater than 6". Multiply the number of feet by 1.5 – this is the number of ounces of MERIT 2.94 TLC to apply.
	Do not make more than one application per year.	
HOW TO APPLY	<ul style="list-style-type: none"> • Fill a bucket or watering can with 1 gallon of water. [For trees with trunks greater than 50" around, use 2 gallons of water.] • Shake the bottle of MERIT 2.94 TLC well. [• Remove the MEASURE-UP™ Cup. Each marking inside is one ounce.] • Carefully measure required amount of product into bucket. • Slowly pour the solution evenly around the plant (tree/shrub). For best results, pour as close to the TRUNK/main stem of the tree or shrub as possible. • Fill the bucket with clean water and pour it around the trunk as well. 	
FOR BEST RESULTS	<p>Use this product as part of an overall tree, [and] shrub [and rose] health care program before problems start [preferably in the fall]. [However,] MERIT 2.94 TLC can be applied anytime except when the ground is waterlogged or frozen. These conditions inhibit the movement of the product down into the root zone. During prolonged dry periods [spells], water the tree/shrub well the night before making an application.</p> <p>[NOTE: Application to trees heavily infested may not prevent their eventual loss due to existing pest damage and tree stress.]</p> <p>For severe infestations, treat with a foliar insecticide such as MERIT + TEMPO Concentrate Insecticide II, then use MERIT 2.94 TLC as part of a routine care program.</p> <p>[Refer to [Consult] the [our] "MERIT 2.94 TLC Booklet/Kit" for additional [other] tree and shrub care [maintenance] tips [for more information].]</p>	
HOW MERIT 2.94 TLC WORKS	<p>The insecticide is absorbed by the roots and moves up through the tree or shrub providing year-long insect protection. MERIT 2.94 TLC even moves into new growth after application, thus protecting it, too! To get complete protection, the insecticide must distribute completely up through the plant. For very large trees this may take up to three months. Rain or water cannot wash off this internal protection.</p>	
	<p>The insecticide dissolved in water moves down through the soil, where it is absorbed by the roots. Once absorbed, it moves up through the tree or shrub providing year-long insect protection. This product even moves into new growth after application, thus protecting it, too! To get complete protection, the insecticide must distribute completely through the tree/shrub.</p> <p>Depending on the size and health of the plant this may take one week to three months (for very large trees.) Rain or water cannot wash off this internal protection.</p>	

	Children and pets may re-enter the treated area after it has dried.
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IMPORTANT: Directions for Storage and Disposal

Storage Conditions	Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet. Protect from freezing.
Disposal	<p>If Empty:</p> <ul style="list-style-type: none"> • Non-refillable container. Do not refill or reuse container. • Place empty container in trash or offer for recycling if available <p>If Partly Filled:</p> <ul style="list-style-type: none"> • Call your local solid waste agency or toll free 1-877-229-3724 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 MERIT 2.94 TLC under expected conditions. The Buyer assumes responsibility for lack of performance or safety if not used according to the directions.

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



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

Merit 2.94 TLC (PENDING) 11/19/2013, 12/04/2013

