



3125-545

4-21-2000

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	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460	EPA Reg. Number: 3125-545	Date of Issuance: APR 21 2000
		Term of Issuance: Unconditional	
		Name of Pesticide Product: Merit 1.47 TLC Insecticide Concentrate	
NOTICE OF PESTICIDE: <u> x </u> Registration <u> </u> Reregistration (under FIFRA, as amended)			
Name and Address of Registrant (include ZIP Code): Bayer Corporation Agriculture Division 8400 Hawthorn Road P.O. Box 4913 Kansas City, MO 64120-0013 attn: John Thornton			
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.			
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>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.</p> <p>This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3)(c)(2)B).</p> <p>1. Revise the EPA Registration Number to read, "EPA Reg. No. 3125-545"</p>			
Signature of Approving Official:  Dani Daniel Insecticide-Rodenticide Branch Registration Division (7505C)		Date: APR 21 2000	

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2. Submit two (2) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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 regarding this notice, please contact me at (703) 305-5409.

Enclosure:

(Front Panel)

Merit® 1.47 TLC

Insecticide Concentrate

- Prevents damage from listed pests
- Insects stop eating when they feed on the plant
- Protects trees and shrubs from damaging insects with one easy treatment
- Helps keep trees and shrubs strong. Protects new growth
- Controls insects that damage trees and shrubs
- Year-long insect protection for trees and shrubs
- Treats up to X average size trees or Y shrubs
- Systemic insecticide is absorbed through the roots, carried up into the plant and won't wash off
- Prevents insects from damaging trees and shrubs
- Will not harm trees and shrubs
- For use on all ornamental trees and shrubs

ACTIVE INGREDIENT:

Imidacloprid 1.47 %
OTHER INGREDIENTS 98.53 %

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)

STOP - Read This Entire Label Before Use
KEEP OUT OF REACH OF CHILDREN

CAUTION

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

ACCEPTED
with COMMENTS
In EPA Letter Dated:

APR 21 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.

3125-345

Text in [] is optional.

(BACK PANEL)]

READ THE LABEL FIRST!

QUICK FACTS

- Provides Year Long Insect Protection
- Will Not Harm Trees and Shrubs
- Easy to Use . . . Pour in Water and Pour Around Plant
- Not Affected by Rain or Moisture
- [• Convenient Measure-Up™ Cup]

KILLS	Adelgids, aphids, bronze birch borers, leafminers, scale and other listed pests
COVERAGE	Treats X average-size trees or Y shrubs
WHERE TO USE	Outdoor trees and shrubs
WHEN TO USE	Once a year or when insects are present
HOW MUCH TO USE	Trees: 1 ounce per inch of distance around trunk Shrubs: 3 ounces per foot of height
	For questions or comments, call toll-free 1-877 BayerAG or visit us on-line at www.AdvancedGarden.com

FOR OUTDOOR RESIDENTIAL USE ONLY

ACTIVE INGREDIENT:

Imidacloprid 1.47 %
OTHER INGREDIENTS* 98.53 %
TOTAL 100.00%

- * Other ingredients include: Water, glycerin (freeze/thaw recovery aid), surfactants & stabilizers (keep the active ingredient uniformly dispersed), preservative and antifoam.

EPA Reg. No. 3125-~~345~~ LUL EPA Est. No. XXXX-AA-XX

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.	<ul style="list-style-type: none"> Do not apply near lakes, streams, rivers, or ponds. Do not apply to trees whose fruits or nuts are intended to be eaten. 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.
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 plant.
CONTROLS	Adelgids Aphids Black Vine Weevil Larvae Borers Roundheaded (Including Eucalyptus Longhorned Borers) Flatheaded (Including Bronze Birch and Alder Borers) Japanese Beetles, Adult Lacebugs Leaf Beetles [including Elm Leaf Beetles and Ziburnum Leaf Beetles] Leafhoppers Leafminers (Including Birch Leafminers) Mealybugs Pine Tip Moth Larvae Psyllids 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: 1 oz per inch of distance around trunk Shrubs: 3 oz per foot of height.
Continued in next column	

DIRECTIONS FOR USE continued		
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]. This is the number of ounces of MERIT 1.47 TLC to apply.
	Tree With 2 or More Trunks	Measure the distance (in inches) around each tree trunk and add together. Multiply this total by 0.75 to get the required number of ounces of MERIT 1.47 TLC to apply. Example: A tree has 4 trunks. They measure 20, 10, 5 and 5 [inches] or a total of 40 [inches]. $40 \times 0.75 = 30$ 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 3 – this is the number of ounces of MERIT 1.47 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 greater than 50", use 2 gallons of water.]• Shake the bottle of MERIT 1.47 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 tree. For best results, pour as close to the TRUNK/main stem of the plant 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 health care program before problems start [preferably in the fall]. [However,] MERIT 1.47 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 plant well the night before making an application.</p> <p>For severe infestations, treat with a foliar insecticide such as MERIT + TEMPO Concentrate Insecticide II, then use MERIT 1.47 TLC as part of a routine care program.</p> <p>[Refer to [Consult] the [our] "MERIT 1.47 TLC Booklet/Kit" for additional [other] tree and shrub care [maintenance] tips [for more information].]</p>	
Continued in next column.		

Text in [] is optional.

DIRECTIONS FOR USE continued	
HOW MERIT 1.47 TLC WORKS	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. MERIT 1.47 TLC even moves into new growth after application, thus protecting it, too! To get complete protection, the insecticide must distribute completely through the plant. 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.

[NOTE: Application to trees heavily infested may not prevent their eventual loss due to existing pest damage and tree stress.]

	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:**
- Do not reuse empty container.
 - Rinse the empty product container thoroughly and disperse the rinse water around tree or shrub as part of application.
 - Place in trash.

Important: It is best to use all of the product in accordance with label directions. Never pour insecticide down a drain or storm sewer. If it is necessary to dispose of unused product, please follow any applicable state and local guidelines.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

- Causes moderate eye irritation.
- Avoid contact with skin, eyes, or clothing.
- Wash thoroughly with soap and water after handling.

FIRST AID	
IN CASE OF ACCIDENTAL...	IMMEDIATELY...
Swallowing	<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.
Contact with 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.

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: 1.47% Imidacloprid (CAS # 138261-41-3).

ENVIRONMENTAL HAZARDS

- This pesticide is toxic to aquatic invertebrates. Do not apply directly to lakes, streams, rivers or ponds.
- Do not dump rinse water into sewers or other bodies of water.
- Apply this product only as specified on this label.

NOTICE: Research and testing have determined that the "Directions for Use" are appropriate for the proper use of MERIT 1.47 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.

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Garden & Professional Care
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Kansas City, MO 64120-0013
(800) 842-8020



MERIT 1.47 TLC