

Activity – Reading a Pesticide Label

Use the *Triazicide*[®] label to answer the following questions.

1. What is the trade name of this product? **Triazicide[®] Insect Killer for Lawns & Landscapes**
2. What type of pesticide is this? **Insecticide (determined from trade name saying insect killer)**
3. What is the active ingredient? **Lambda-cyhalothrin**
4. What is the product's formulation? **Ready-to-use (noted on front page, bottom right corner)**
5. What is the product's signal word? **Caution**
6. What are some possible routes of entry for this product? **Skin/dermal, eyes (page 4)**
7. Is reading the entire label before using the pesticide required? **Yes. Statement on top of page 2 says to read the entire label before use. Since the user must follow all label directions in order to comply with the law, reading the entire label is required. (Plus it's just a good idea so you can review how to use the product and make sure the site you want to treat and the pest you want to control are on the label.)**
8. When can children and pets enter the treated area? **After the spray has dried (top of page 2)**
9. Can you apply this product in the rain? **No (top of page 2, right-hand column).**
10. Identify any restrictions for applying this product outdoors. **Outdoor applications are limited to spot or crack-and-crevice treatments except: when treating soil or vegetation around structures; treating lawns, turf, and other vegetation; and applications to building foundations up to a maximum of 3 feet (page 2, right column).**

11. Are there any New York State specific restrictions you must follow? If so, what are they? **Yes. The product cannot be applied to lawns within 100 feet of a coastal marsh or stream that drains directly into a coastal marsh (page 2, right column).**
12. What sites can be treated with this product? **Lawns; building foundations, around windows, doors, eaves, vents, and other areas of the building; outdoor surfaces; ornamental trees, shrubs, and flowers; vegetables as listed on the label (page 3 and 4, right column).**
13. For the label-listed sites, identify some of the pests can be controlled for each site. **See label pages 3 and 4 (right column)**
14. How much product do you apply to a lawn? **1 gallon for every 250 square feet (page 3, left column under "Lawns" section).**
15. How do you apply Triazicide® to control ants that are invading a house? **There are two ways (page 3, middle of left column):**
- **Apply a 3 foot wide band on the ground around the house and upward on the foundation to 3 feet. Application around windows, doors, and roof overhangs can also be made. For band and foundation treatment, use a coarse spray to thoroughly and uniformly wet the foundation and/or band area.**
 - **Apply as a residual spray to ornamental plants next to foundations of buildings and to surfaces of buildings, porches, screens, window frames, eaves, patios, garages, and other similar areas where the pests are active. (Keep in mind that these sprays are limited to spot or crack-and-crevice treatments as per label directions.)**
16. How much product do you apply to a boxwood? **Thorough foliar spray, including both sides of the plant leaf and all plant surfaces where insects are present (page 3, bottom of left-column).**
17. Can you use Triazicide® on summer squash? Why? **No. Summer squash is not listed on the label. (See page 4 under "Vegetables" in left column for exclusive list of crops Triazicide® can be used on.)**
18. Is there a waiting period between the time you last sprayed and when you can harvest vegetables? If so, how long? **Yes there is a waiting period (called a pre-harvest interval). The time varies depending on the crop (page 5, left column):**
- **Broccoli, Brussels sprouts, cabbage, cavalo broccoli, cauliflower, Chinese cabbage, Chinese mustard, kohlrabi, and lettuce (head and leaf) is 1 day after treatment.**
 - **Tomatoes and tomatillos are 5 days after treatment.**
 - **Onions (bulb) and garlic is 14 days after treatment.**
 - **Corn (sweet and pop) is 21 days after treatment.**

19. How do you store this product? Store in a cool dry area away from heat or open flame. (page 4, bottom of left column under "Precautionary Statements")
20. What are the hazards to humans? Harmful if absorbed through skin. Avoid contact with skin and eyes. (page 4, bottom of left column under "Precautionary Statements")
21. What are the first aid instructions? If on skin or clothing, remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice. Have product container or label with you when going for treatment. (page 4, bottom of left column under "Precautionary Statements")
22. What are the environmental hazards? The product is extremely toxic to fish and other aquatic organisms. 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 ensure that wind or rain does not blow or wash pesticide off the treatment area. (page 4, bottom of left column under "Precautionary Statements")
23. What personal protective equipment do you need to wear when applying this product? Technically none since there aren't any listed on the label under the "Precautionary Statements" section (page 4, bottom of left column). However, user should use long sleeved shirt, long pants, shoes and socks as basic protection.
24. How do you dispose of an empty container? Place in trash or offer for recycling, if available. Don't reuse it. (page 4, bottom of left column)
25. How do you dispose of a partially filled container? Call your local solid waste agency. (page 4, bottom of left column)
26. Are there any directions on how to clean the application equipment? Why or why not? No. This is a ready-to-use product that comes with its own application equipment (the sprayer built in to the container) and does not need cleaning.
27. Who is responsible if the product is not used according to the label directions? The buyer. (page 2 under the "Product Facts" box)
28. What does the label statement "*It's a violation of federal law to use this product in a manner inconsistent with its labeling*" mean? You must use the pesticide according to label directions.