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2013 Chart Book: Warnings

University of Massachusetts Amherst Cranberry Station

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vii Warning

WARNING!!

PESTICIDES ARE POISONOUS. READ AND FOLLOW ALL DIRECTIONS AND SAFETY PRECAUTIONS ON LABELS. HANDLE CAREFULLY AND KEEP ORIGINAL LABELED CONTAINERS IN LOCKED STORAGE AREA. DO NOT CONTAMINATE FORAGE, STREAMS OR PONDS. DISPOSE OF EMPTY CONTAINERS IN A LEGAL MANNER.

REPEATED EXPOSURE TO ORGANOPHOSPHATE (SUCH AS DIAZINON, IMIDAN AND LORSBAN) INSECTICIDES MAY, WITHOUT SYMPTOMS, INCREASE SUSCEPTIBILITY TO PHOSPHATE POISONING. ALL PESTICIDE TREATED BOGS MUST NOT BE ENTERED UNTIL RESTRICTED ENTRY TIMES HAVE ELAPSED (SEE LABEL). WORKERS SHOULD BE NOTIFIED PRIOR TO TREATMENT. TELL FAMILY AND CO-WORKERS. MAKE CERTAIN YOUR DOCTOR UNDERSTANDS. AFTER AN ACCIDENT, THERE MAY NOT BE TIME.

IF SYMPTOMS OF ACUTE PESTICIDE POISONING OCCUR, IMMEDIATELY TAKE VICTIM AND THE APPROPRIATE PESTICIDE LABEL OR CONTAINER TO THE NEAREST HOSPITAL EMERGENCY ROOM. FOR INFORMATION AND ADVICE AT ANY TIME OF DAY OR NIGHT, CALL THE MASSACHUSETTS POISON CONTROL SYSTEM AT: **1-800-682-9211**.

REMINDER FOR RESPONSIBLE APPLICATORS

RESTRICTED USE COMPOUNDS (DIAZINON, LORSBAN, ACTARA, BRAVO, INTREPID AND 2,4-D) REQUIRE A PRIVATE APPLICATOR CERTIFICATION TO BUY, HANDLE, AND APPLY. THIS CERTIFICATION IS AVAILABLE THROUGH THE MASSACHUSETTS DEPARTMENT OF AGRICULTURAL RESOURCES (MDAR): (<http://www.mass.gov/eea/agencies/agr/pesticides/pesticide-applicator-licensing-and-certification-renewals.html>).

DIAZINON AND LORSBAN ARE FEDERALLY RESTRICTED. ACTARA, ALL CHLOROTHALONIL PRODUCTS (BRAVO, ETC.), AND INTREPID ARE STATE RESTRICTED DUE TO GROUNDWATER CONCERNS. 2,4-D IS STATE RESTRICTED DUE TO TOXICITY.

REMEMBER THAT ALL CHLOROTHALONIL PRODUCTS (BRAVO, ETC.), DIAZINON, IMIDAN, LORSBAN AND NEXTER ARE EXTREMELY TOXIC TO FISH AND CAN CAUSE FISH KILLS. ABOUND, AVAUNT, COPPER FUNGICIDES, INDAR, MANCOZEB, AND SEVIN ARE ALSO TOXIC TO FISH.

TO AVOID CONTAMINATION, DO NOT CLEAN EQUIPMENT OR DISPOSE OF WASTES NEAR OPEN WATER. DRIFT OR RUNOFF OR RELEASE OF CONTAMINATED DITCH WATER FROM TREATED AREAS MAY BE HAZARDOUS TO FISH OR OTHER AQUATIC ORGANISMS IN ADJACENT AQUATIC SITES.

FOLLOWING ANY PESTICIDE APPLICATIONS, HOLD WATER AS LONG AS POSSIBLE.

CAUTIONS

1. Pesticide-treated bogs may need to be posted. Check labels. Workers and scouts should be notified prior to treatments, and informed about re-entry times. See CCCGA website for more info on sign posting: (<http://www.cranberries.org/growers/advisories.html>).
2. **READ AND FOLLOW LABEL INSTRUCTIONS.** The label is the law! Current labels and MSDS can be found on the CDMS website: (<http://www.cdms.net/LabelsMsds/LMDefault.aspx>). Do not use a pesticide for control of a pest not on the label unless a specific recommendation is made by a person authorized to do so.
3. Make all pesticide applications in a manner to prevent contamination of streams, ponds, and public ways, and impound water as long as possible after applying.
4. Be aware of and adhere to guidelines regarding distances from site of chemical application to protected areas. Consider addition of drift retardants.
5. Many insecticides are highly toxic to bees. Check label and choose options that are non-toxic or that can be used safely.
6. Stored pesticides may deteriorate. Avoid freezing of liquid formulations. It is usually not advisable to use the holdover materials in opened containers. Follow regulations of the MDAR Pesticide Program when disposing of pesticides and their containers.
7. **CONCENTRATE SPRAYS** may injure new growth, bloom and small berries particularly in hot, humid weather or if the emulsifiable concentrate (EC) content nears 50% of mixture.