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Quiz 7

Study the attached herbicide label for Manor[®] Selective Herbicide for most of the questions. For each multiple choice question circle the one answer which is correct.

1. The personal protective equipment (PPE) for applicators and other handlers is (are):
 - a) long-sleeve shirt and long pants
 - b) shoes and socks
 - c) waterproof chemical resistant gloves (e.g., polyethylene)
 - d) all of the above <<<<<<<<**
 - e) none of the above
2. The worker restricted entry interval (REI) for agricultural workers covered by the Worker Protection Standard is (are):
 - a) spray must dry before entering treated areas without PPE
 - b) wait 4 hours before entering treated areas without PPE <<<<<<<<**
 - c) wait 24 hours before entering treated areas without PPE
 - d) all of the above
 - e) none of the above
3. Reentry by persons not covered by the Worker Protection Standard is (are):
 - a) spray must dry before entering treated areas without protective clothing <<<<<<<**
 - b) wait 4 hours before entering treated areas without protective clothing
 - c) wait 24 hours before entering treated areas without protective clothing
 - d) all of the above
 - e) none of the above

4. In what way is the Personal Protective Equipment (PPE) more stringent for early entry to treated areas for agricultural workers covered by the Worker Protection Standard, compared with applicators and handlers?

coveralls vs. long pants and long sleeved shirt

5. What other precaution(s) and restriction(s) are there :
- a) apply 1.0 ounce per acre in Kentucky bluegrass and fine fescue
 - b) avoid applications to turf that is stressed or newly seeded or sodded <<<<<<<<**
 - c) clean off equipment with gasoline
 - d) do not apply more than 1.0 ounce per acre to streams and lakes
 - e) plant ornamentals in treated areas within 1 month
6. The site(s) on which Manor[®] Selective Herbicide may be applied include:
- a) athletic fields <<<<<<<<**
 - b) ornamental beds
 - c) vegetable gardens
 - d) all of the above
 - e) none of the above
7. The number 228-373 is:
- a) The atomic weight and the molecular weight, respectively
 - b) The CHEMTREC phone number to call for help on spills and leaks
 - c) The EPA Establishment number
 - d) The EPA Registration number <<<<<<<<**
 - e) The lot number
8. Manor[®] Selective Herbicide is a:
- a) contact herbicide
 - b) dry granule <<<<<<<<**
 - c) liquid
 - d) nonselective pesticide
 - e) restricted use pesticide

9. Which weed that we have studied is reportedly controlled by using Manor[®] Selective Herbicide:
- a) largeflowered pusley
 - b) purple nutsedge
 - c) **southern sida <<<<<<<<**
 - d) all of the above
 - e) none of the above
10. What is not covered on the label:
- a) how much to apply to kill white clover in bermudagrass
 - b) how to thoroughly remove all product from tank, hoses, etc.
 - c) minimum and maximum spray pressure and gallons per acre
 - d) **the seller's warranty to cover risks of timing, weather, and soil <<<<<<<<**
 - e) the time to wait after application before overseeding
11. Manor[®] Selective Herbicide controls dollarweed but this weed is not on the label, therefore how much trouble would you get into in using Manor[®] to kill dollarweed?
- a) a lot of trouble because it is a violation of the law “to use any registered pesticide in a manner not permitted by the labeling”
 - b) only if you get caught
 - c) little or no trouble because if some other weed is present that is on the label
 - d) **no trouble because there is an exception for “applying a pesticide against any target pest not specified on the labeling if the application is to the crop, animal, or site specified on the labeling” <<<<<<<<**
 - e) none of the above
12. Explain why page 1 of the Manor[®] Selective Herbicide label says, “controls bahiagrass in Bermudagrass areas” yet page 6 says “Do not use on Bahiagrass”

In the first case bahiagrass is a weed and the second case it is a crop

13. How much does it cost to develop a new herbicide and how many years of testing does it take?
- a) \$500 thousand to \$1 million and 7 to 10 years
 - b) \$5 million to \$10 million and 7 to 10 years
 - c) \$50 million to \$100 million and 7 to 10 years <<<<<<<<**
 - d) \$500 million to \$1 billion and 7 to 10 years
 - e) none of the above
14. How did a Region Technical Manager say her company interprets the statement on the AAtrex 4L label, “This product may not be applied aerially or by ground within 66 feet of the points where field surface water runoff enters perennial or intermittent streams and rivers or within 200 feet around natural or impounded lakes and reservoirs?”
- a) they don’t spray it within 66 feet of streams or rivers and they don’t spray it within 200 feet of lakes and reservoirs
 - b) if they don’t see any surface water runoff going into bodies of water, including retention ponds, they spray to the edge of the water
 - c) there are no applications within 66 feet of bodies of water, including retention ponds
 - d) there are no applications within 200 feet of bodies of water, including retention ponds <<<<<<<<**
 - e) they don’t use the product
15. A law from 1947 which with revisions which governs the use of pesticides in the United States?
- a) ADA
 - b) FIFRA <<<<<<<<**
 - c) FQPA
 - d) RED
 - e) WPS