



MSU Pesticide Safety Education Program Assessment Packet

*Programs Presented at this Pesticide Education Program
(Circle all that apply)*

- | | |
|---|------------------------------|
| a. Chemical Updates – New Pesticide Products | f. Laws |
| b. Personal Protective Equipment | g. Reading the Product Label |
| c. Environmental Concerns with Pesticides | h. Your Applicator License |
| d. Calibration | i. Formul. and Adjuvants |
| e. Integrated Pest Management (weeds, insects, etc..) | j. Pesticide Toxicity |

Program #: _____

County of Program: _____

County of Residence: _____

Age: _____

Date: _____

Gender: Male / Female

MSU Pesticide Safety Education Program (Pre-Assessment)



1. How would you rank your understanding of calibration (determining output, conversions,)?
 - a. Excellent – I have no problems and understand how it works
 - b. Good – I have very few questions
 - c. Fair – I have some questions
 - d. Poor – I have a lot of questions

2. How would you rank your overall understanding of pesticide safety (protective equipment, toxicity, signal words, laundering pesticides, pesticide storage, formulations, and 4 routes of exposure)?
 - a. Excellent – I have no problems and understand how it works
 - b. Good – I have very few questions
 - c. Fair – I have some questions
 - d. Poor – I have a lot of questions

3. Do you have a thorough understanding of pesticide laws (penalties, restricted use recordkeeping, FIFRA, worker protection standards) pertaining to your use of pesticides?
 - a. Excellent – I have no problems and understand how it works
 - b. Good – I have very few questions
 - c. Fair – I have some questions
 - d. Poor – I have a lot of questions

4. How would you rank your understanding of the Montana Private Applicator Program (your private applicator license, and the procedures in becoming recertified, contact information, what are restricted use pesticides, or obtaining more educational materials)?
 - a. Excellent – I have no problems and understand how it works
 - b. Good – I have very few questions
 - c. Fair – I have some questions
 - d. Poor – I have a lot of questions

5. How would you rank your ability to read and understand the product label (active and inert ingredients, signal words, PPE and where to find it, where to find site restrictions)?
 - a. Excellent – I have no problems and understand how it works
 - b. Good – I have very few questions
 - c. Fair – I have some questions
 - d. Poor – I have a lot of questions

6. How would you rank your knowledge of Integrated Pest Management (what it means, how to use it in your system)?
 - a. Excellent – I have no problems and understand how it works
 - b. Good – I have very few questions
 - c. Fair – I have some questions
 - d. Poor – I have a lot of questions

7. How would you rank your understanding of how pesticides interact in the environment (drift, leaching, volatilization, runoff, how pressure and nozzles contribute to drift, soil binding).
 - a. Excellent – I have no problems and understand how it works
 - b. Good – I have very few questions
 - c. Fair – I have some questions
 - d. Poor – I have a lot of questions

MSU Pesticide Safety Education Program (Post-Assessment)



1. How would you rank your understanding of calibration (determining output, conversions,)?
 - a. Excellent – I have no problems and understand how it works
 - b. Good – I have very few questions
 - c. Fair – I have some questions
 - d. Poor – I have a lot of questions

2. How would you rank your overall understanding of pesticide safety (protective equipment, toxicity, signal words, laundering pesticides, pesticide storage, formulations, and 4 routes of exposure)?
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 - b. Good – I have very few questions
 - c. Fair – I have some questions
 - d. Poor – I have a lot of questions

6. How would you rank your knowledge of Integrated Pest Management (what it means, how to use it in your system)?
 - a. Excellent – I have no problems and understand how it works
 - b. Good – I have very few questions
 - c. Fair – I have some questions
 - d. Poor – I have a lot of questions

7. How would you rank your understanding of how pesticides interact in the environment (drift, leaching, volatilization, runoff, how pressure and nozzles contribute to drift, soil binding).
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MSU Pesticide Safety Education Program (Background Survey)



1. How many years have you sprayed pesticides (general or restricted use)?
 - a. >20
 - b. 10 – 20
 - c. 5 – 10
 - d. 1 – 5
 - e. < 1 year

2. Why do you need a private applicator license (circle all that apply)?
 - a. To apply insecticides
 - b. To apply fungicides
 - c. To apply herbicides
 - d. To apply rodenticides
 - d. other

3. What type of operation will you spray pesticides on?
 - a. farming
 - b. ranching
 - c. hobby farm
 - d. nursery
 - e. other

4. How many years have you held a private applicator license?
 - a. New applicator
 - b. < 1 year
 - c. 1 – 5 years
 - d. > 5 years

5. What type of application equipment do you use?
 - a. Backpack Sprayer or Handheld Tank
 - b. ATV Boom Sprayer
 - c. Tractor Boom Sprayer
 - d. CO2 powered Backpack Sprayer
 - e. Broadjet Sprayer
 - f. Usually contract out, but like to know more on the subject.
 - g. Other

6. When spraying pesticides, do you have a copy of the product label with you:
 - a. at all times
 - b. most of the time
 - c. once in a while
 - d. never

7. Do you read the entire product label for every pesticide you use?
 - a. always
 - b. most of the time
 - c. once in a while
 - d. never

MSU Pesticide Safety Education Program (Background Survey - continued)



8. Do you follow all personal protective equipment requirements on the product label (proper coveralls, respirators, chemically resistant gloves, etc...)?
- Always
 - Most of the Time
 - Once in a While
 - Never
9. Do you wear caps while applying pesticides?
- Always
 - 50- 99% of the time
 - 1 – 49% of the time
 - Never
10. Do you keep all livestock, pets, co-workers, and family members away from the spray site until after the restricted entry interval (REI) has passed?
- Always
 - 50-99% of the time
 - 1 – 49% of the time
 - Never
11. If you do not always follow REI, why is that?
- The product label is exaggerating the risks involved
 - What is the REI?
 - I didn't read the product label's requirement on REI
 - Don't have time
 - I always follow REI
12. If you do not always follow the personal protective equipment requirement on the product label, can you state why?
- Don't have time to read the product label
 - To cumbersome
 - Heat
 - The product label is exaggerating the risks involved.
 - I always follow the product label
 - Other
13. Have you ever had a spray accident in which you were exposed to excessive amounts of pesticide?
- Yes, 3 or more times
 - Yes, 2 times
 - Yes 1 time
 - Never
14. What route of exposure were you exposed (circle all that apply)?
- dermal
 - eyes
 - inhalation
 - ingestion
 - not applicable

MSU Pesticide Safety Education Program (Background Survey - continued)



15. Did you seek any medical advice or attention?
- a. received emergency support at the hospital
 - b. called the hospital or other medical personnel for advice
 - c. called the poison control center for advice
 - d. Did not have an accident - Not applicable
16. When did this accident occur?
- a. Mixing or Loading
 - b. While applying pesticides
 - c. Improperly stored pesticides
 - d. While removing PPE
 - e. drift from other
17. How often do you calibrate your sprayer?
- a. Never
 - b. >5 years
 - c. 3 – 5
 - d. 2
 - e. at least every year
24. You read and follow the product label _____ compared to when you were 1st certified.
- a. More
 - b. Less
 - c. The same
25. What subjects would you like to see at your next pesticide education program
(Circle all that apply)?
- a. Chemical Updates – New Pesticide Products
 - b. Personal Protective Equipment
 - c. Environmental Concerns with Pesticides
 - d. Calibration
 - e. Integrated Pest Management (weeds, insects, etc..)
 - f. Laws
 - g. Reading the Product Label
 - h. Your Applicator License
 - i. Formul. and Adjuvants
 - j. Pesticide Toxicity

Thanks for taking this survey!