

# 2024 Vegetable Chemical Use Enumerator Quiz

## Circle the correct answer

- 1) What are three important benefits that respondents gain by completing the Vegetable Chemical Use Survey?

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- 2) When did the National Agricultural Statistics Service (NASS) begin collecting agricultural chemical usage data?

- a) 1964
- b) 1990
- c) 1980
- d) 2016

- 3) You begin recording the starting interview time when:

- a) You begin your introduction and start the interview.
- b) You start your vehicle to leave and go meet with the operator.
- c) After you have completed the questionnaire.
- d) You are reviewing the questionnaire at the end of the day.

- 4) You stop recording the interview time when:

- b) After fixing a flat tire you noticed on your vehicle, which happened during the interview.
- b) When you get in the vehicle to drive to the next appointment.
- c) After going to the Seven-Eleven to get a cold drink and an ice-cream sandwich.
- d) When you finish the interview.

- 5) Which format should the ending time be recorded for 9:00 PM:

- a) 900
- b) 2100
- c) 2900
- d) 0900

- 6) If the selected operator operates several land operating arrangements, only pick up data for the land operating arrangement (individual, partnership, or managed) associated with the sampled name (name on the label).
- a) True
  - b) False
- 7) When we interview farmer J. Porter, we find out that the data on the Acreage Insert is correct for question 1 (operation acres), question 2 (total operation acres), and question 3 (cropland acres) in Section A. However, in question 4 (total vegetable acres), he did not report his nontargeted vegetable acres during the screening survey conducted in June. What should you do?
- a) Code box 801 a 1 for acres verified and skip to Section B since we are only interested in target vegetable crops for question 4.
  - b) Leave box 801 blank for acres changed and only fill in the cell 803 with the vegetable acres for both target and non-target vegetables.
  - c) Leave box 801 blank for acres changed and fill in the entire Section A including cell 803 with the acres for both target and non-target vegetables.
- 8) Include all the following in cell 803 in Section A (Total Vegetable Acres):
- a) All bearing acreage of target vegetable crops.
  - b) All non-bearing acreage of target vegetable crops.
  - c) All non-target vegetable crops that are bearing and non-bearing.
  - d) All of the above.
- 9) Farmer N. Warenski has 100 acres of a bearing targeted vegetable crop that he tells us he did not harvest due to a severe flooding that hit his farm in late summer. How should this be coded in Section B (Vegetable Acreage)?
- a) Record all 100 acres in Section B, Column 3.
  - b) Since no vegetable was harvested, do not record these acres in Section B.
  - c) Since we are unsure, record half (50 acres) in Column 3.
  - d) Since we do not believe his story about a hail storm, delete out all the data collected and code the questionnaire as a refusal.
- 10) Operator N. Pallotta applied fungicides to his targeted fresh tomato vegetable crop even though he did not harvest any vegetables because of the hail storm. Would this be recorded under column 4, Section B?
- a) YES
  - b) NO

11) List the target vegetables for your State:

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12) A pesticide applied **after planting** of the 2024 crop should be accounted for on this survey by placing a "1" in column 5 of Section B.

- a) True
- b) False

13) If a Chemical Supplement is needed to record additional chemical applications, the identifying numbering scheme would require copying the ID and Subtract from the parent questionnaire into the supplement, and recording the number of supplements used in which cell on the questionnaire:

- a) Cell Code 068
- b) Cell Code 399
- c) Cell Code 060
- d) Cell Code 067

14) Include in Section D an application made to the target vegetable crop that has been picked and is sitting in the field in boxes waiting to be sent to the processor.

- a) True
- b) False

15) Define an adjuvant?

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- 16) The first pesticide product of a tank mix is recorded on Line 10 of the chemical table in Section D of the questionnaire. The second component is recorded on Line 11, and the third product of the tank mix is recorded on Line 12. The correct coding for Column 5 is:
- a) Line 10 = 10, Line 11 = 11, Line 12 = 12
  - b) Line 10 = 10, Line 11 = blank, Line 12 = 10
  - c) Line 10 = 10, Line 11 = 10, Line 12 = 10
  - d) Line 10 = blank, Line 11 = blank, Line 12 = 10
- 17) Are spot treatment applications included in Section D: Pesticide Applications?
- a) Yes
  - b) No
- 18) What Project Code will the 2024 Vegetable Chemical Use Survey be charged to?
- a) 141
  - b) 143
  - c) 136
  - d) 903
- 19) What is the maximum number of Chemical Applications to the target vegetable crops that you can list on the survey?
- a) 10
  - b) 28
  - c) 99
  - d) Total applications during the 2024 crop year made regardless of how many.
- 20) When interviewing a respondent, he indicates that he grows a bearing vegetable crop that is not a target crop in your State, but it is one of the crops listed for some of the other States in the survey, you should.
- a) Record the acres of that vegetable crop in Section B.
  - b) Record the chemicals applied to that vegetable crop in Section D.
  - c) Record the acres of the non-target crop in Section B under a target crop code for your state.
  - d) Not record the non-target crop

21) Pest Management Practices should be asked of what type of crops?

- a) Only all target vegetable crops on the operation.
- b) Only all target and non-target vegetable crops on the operation.
- c) All crops, including fruit and vegetables on the operation.
- d) All acreage, including cropland and non-cropland acres, on the operation.

22) Name 2 biological pesticides :

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23) An example of a beneficial organism is:

- a) Green lacewing
- b) Ladybug
- c) Both a) and b)
- d) The only good bug, is a dead bug

24) After completing a questionnaire, the following should NOT be done by you:

- a) Check the questionnaire for completeness.
- b) Check the questionnaire to make sure notes have been written for unusual circumstances.
- c) Erase any data that looks suspicious.
- d) Enjoy a job well done.

25) Define Integrated Pest Management (IPM)?

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26) What are 4 advantages of using Integrated Pest Management?

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## ANSWER KEY

- 1) From pg 101-102 of the Interviewers Manual:
  1. Growers have a chance to tell how they use chemicals responsibly to maintain a safe and abundant food supply.
  2. The results of the survey are official USDA estimates and help establish the facts about chemical usage.
  3. Accurate information on actual usage can be used by the FQPA decision making process for product registration, re-registration, and product alternatives.
- 2) B
- 3) A
- 4) D
- 5) B
- 6) A
- 7) C
- 8) D
- 9) A
- 10) B
- 11) Look at your State's target crops
- 12) A
- 13) A
- 14) B
- 15) Adjuvant is used to improve the effectiveness of pesticides.
- 16) C
- 17) A
- 18) C (questionnaire)
- 19) D
- 20) D
- 21) B
- 22) Neem - extracted from leaves and seeds of the neem tree,  
Bt - *Bacillus thuringiensis* is a natural insecticide found in the soil and acts as a biological pesticide when applied to crops.
- 23) C)
- 24) C)
- 25) IPM is an approach to control pests in a more environmentally responsible and cost efficient manner than relying strictly on pesticides.
- 26) (1) Alternative or supplement to pesticide use, (2) Reduce the number of pesticide applications needed, (3) Reduce the toxicity of pesticides used by producers, (4) Improve the effectiveness of pesticides applied.