

2023 ARMS Phase 2 – Home Study Quiz

Answer Key

The following quiz relates directly to information needed to complete the ARMS Phase 2 PPCR questionnaires for 2023. Mark the box next to all correct answers or fill in the correct information using the ARMS Phase 2 Interviewer's Manual. For some questions, there are multiple correct answers. Please also provide the page number where you find your answers.

1. Information from the ARMS will be used to:

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- a. understand factors in producing food and fiber products while maintaining the long term viability of the natural resource base
- b. determine harvested acres and yield for major crops across the country
- c. determine what it costs to produce various crop and livestock commodities
- d. determine net farm income
- e. provide the farm sector portion of the Gross Domestic Product (GDP) for the Nation

2. What is the name and release date of the NASS publication where the results of the National ARMS Phase 2 survey will be released?

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Release Name: Agricultural Chemical Usage—Field Crops

Release Date: May, 2024

3. The respondent burden statement is printed on the questionnaire...

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- a. to help the interview go quickly
- b. to prevent confusion
- c. it provides the expected average interview length
- d. to inform the respondent of how many questions will be asked

4. A screening supplement must be completed if the screening box (cell 0006) on the Face Page is coded with a '1'.

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- a. True
- b. False

5. When you complete an interview, what mode codes could be used in cell 9903?

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- a. Code 1
- b. Code 2
- c. Code 3
- d. Code 4

6. When conducting an interview, which of the following practices should always be followed:

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- a. interview the first willing person that seems knowledgeable with the operation
- b. read the questions exactly as worded in the questionnaire the first time it is asked
- c. ask questions in the order they appear, skipping questions only if a skip instruction with the question instructs you to do so
- d. be sure to keep any appointment and be on time

7. When writing notes on a questionnaire, you should **ONLY** erase a note when it's wrong.

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- a. True
- b. False

8. You begin recording the starting interview time when:

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- a. you begin talking with anyone associated with the farm operation
- b. the respondent agrees to cooperate and you start the interview
- c. you begin to actually ask for questions from the questionnaire
- d. you start your vehicle to leave and go meet with the target name

9. In Section A, the total number of acres planted to the target commodity, include:

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- a. acres planted of the target commodity, even if they were abandoned, grazed off, or cut for forage
- b. all acres planted to the target crop, and later replanted to the same crop
- c. target crop acres which were later plowed down and planted to some other crop for harvest
- d. acres planted on land operated by someone else

10. Since we're not using random number tables to select a field, we no longer need to collect the total number of fields.

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- a. True
- b. False

11. If the southern-most crop field is supposed to be sampled field, but there is no field that can be identified as the southern-most field, then what should you do?

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- a. Select whatever field the respondent is willing to discuss
- b. Select whatever field is closest to the operator's residence
- c. Continue Clockwise around the compass rose until you find a field they do have
- d. End the interview and thank the respondent.

12. The Farm Number is from one to eight digits and is unique within a county.

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- a. True
- b. False

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13. What is the data in Section B used for? Provide at least 2 responses.

- calculate cost of production per planted acre on the selected field.
- Study land tenure, conservation practices, and adoption of new technologies

14. Certified organic means the item has been grown according to strict uniform standards that are verified by independent state or private organizations.

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- a. True
- b. False

15. How should you record cash rent?

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_____ and _____ per _____.

16. If the landlord's share of the crop failed or the field was abandoned, what should you record?

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- a. acres in the field which are owned by the operation
- b. the percent of the crop the landlord would have received based on the original agreement had the crop not failed
- c. crops to the nearest tenth
- d. total dollars and cents

17. If the field was replanted to the target commodity, record the date the field was planted the first time.

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- a. True
- b. False

18. Name at least three valid codes for seeding rates.

Page: [5017-5018 \(Soybeans & Oats\)](#)

1. 1 = Ponds/Acre
2. 2 = CWT/ACRE
3. 4 = Bushels/Acre
4. 25 = Seeds/Acre
5. 38 = Seeds/Foot

19. If a seed is herbicide tolerant (HT), then it must have been genetically modified/genetically engineered.

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- a. True b. False

20. If the selected field is currently in a conservation program contract, do you include commodity or disaster payment?

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- a. Yes b. No

21. The Federal Crop Insurance Program is overseen by USDA Risk Management Agency.

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- a. True b. False

22. When should you use a Nutrient or Fertilizer supplement? Please explain:

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If more lines are needed to record fertilizer applications than the number of lines available in the table.

23. Name the most common method for reporting fertilizer material by percent analysis of their content in the correct order.

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Nitrogen, Phosphate, Potash, and Sulfur

24. Lime is an input applied periodically to a field in order to maintain the soil PH within a desired range?

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- a. True b. False

25. In Section D, Item 1, when should herbicide materials be applied?

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- a. before weeds emerge
- b. after weeds emerge
- c. during a tank mix
- d. when the soil is mixed
- e. all of the above

26. For the purpose of Section E, which of the following are not considered pests.

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- a. weeds
- b. insects
- c. diseases
- d. dirt

27. Is a fee always charged for Scouting services provided?

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- a. Yes
- b. No

28. Land forming equipment includes machines used to make or close ditches, or to change the slope of the land.

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- a. True
- b. False

29. For all irrigation systems used to apply water to the selected field, record the number of times the selected field was irrigated for the 2023 crop.

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- a. True
- b. False

30. Does well pumping depths depend on the water table level and the amount of draw down on the water table during pumping?

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- a. Yes
- b. No