# 2023 ARMS III
# Sections A - C

# 2023 ARMS III
# Section A

# Land in Farm

# Section A – Land in Farm

- Measure the land operated.

- Determine tenure arrangements.

- Account for rent paid & received.

- Define "Rented Out" land and land use.

# Section A – Land in Farm

- It is critical to accurately record item 4. This defines the acres in the operation.

- There are a lot of rented land questions.
  - Make sure the respondent clearly understands whether you are asking about "rented from" or "rented to" acres.

# Section A – Land in Farm

- Items 6 – 9 refer to rented FROM others.

- Items 10 – 12 refer to rented TO others.

- Double check if the answer is in dollars or acres!

- Use the "None" box to indicate zero.

6. Including rent for land and/or buildings, what was the total **CASH RENT PAID** in 2023 by this operation? *(Include rent paid in 2023 for previous years and rent paid in advance. Exclude storage bins, to be reported in SECTION I, Item 21. Exclude grazing of livestock, to be reported in Item 7 below.)* . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 0044

| None | Dollars | |
|------|---------|--|
| ☒ | $ | .00 |

# 2023 ARMS III
# Section B

# Acreage & Production

# Section B – Acreage, Production, and Cash Sales

- Determine types of crops grown.

- Collect information on crop production.

- Discover the value of crops sold.

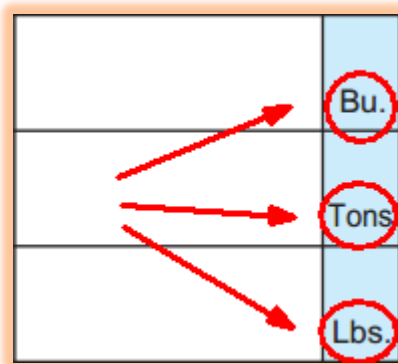- Record amount of crop used on farm (for feed or seed, etc.).

# Section B – Acreage, Production, and Cash Sales

- Exclude crops harvested from land rented or leased to others in 2023.

- Watch for decimal points! Potatoes and tobacco in Column 2, and nursery/greenhouse crops in column 4.

- TOTAL AMOUNT HARVESTED must be entered in column 3. NOT YIELD.

# Section B – Acreage, Production, and Cash Sales

- Pay close attention to units in Columns 3 &4.
  - You MUST use these units. Call your supervisor if you need help converting from one unit to another.



|  | Pound | Cwt | Tons | Bushels |
|---|---|---|---|---|
| **Pound** | 1 | 0.01 | 0.0005 | 0.017 |
| **Cwt** | 100 | 1 | 0.05 | 1.7 |
| **Tons** | 2000 | 20 | 1 | 33.3 |
| **Bushels** | 60 | 0.6 | 0.03 | 1 |

- A Bushel of Corn does not weigh the same as a bushel of Oats.

# Section B – Acreage, Production, and Cash Sales

- Column 5 should include cash sales from ANY year's production.
  - Are some sales from a prior year production?
    - Double check Section J, item 3a on page 15 (cell 0888).

- Is column 5 sales zero (or just low compared to production)?
  - Double check Section J, item 3a on page 15 (cell 0889)

- All production must be accounted for!
  - Tell the whole story.

# Section B – Acreage, Production, and Cash Sales

- Item 2, column 2 asks acres 'HARVESTED'.
  - Please leave good notes if a large number of acres were replanted

- Example: If a large number of corn acres were re-planted to soybeans…
  - The farmer likely still had seed, fertilizer, fuel, and other expenses associated with those "abandoned" corn acres.
    - Make sure to note this in Section I!

# Section B – Acreage, Production, and Cash Sales

- Make sure to account for ALL cropland.
  - This can be challenging because of:
    - Abandoned acres
    - CRP
    - Other idle cropland
    - Pastureland considered cropland
    - Double cropping
    - Any of a dozen other possible scenarios.
  - Take careful notes and explain any unusual situation.
    - Even if it's only a little unusual.

# Section B – Acreage, Production, and Cash Sales

- Exclude straw and stubble production.
  - What about straw sales?
    - Check the Interviewers Manual – under "Small Grains" section. Please leave a note.

- Again, tell the story. For example, all corn on hand at the beginning of the year, plus 2023 production, was either sold, used on the farm, still on hand, traded for something, landlord's share, etc.

# Section B- Unsold Commodity Inventory

- ***Did the operation own and store any unsold crops?***



*Yes?*

- Report quantity stored on-farm or off-farm for each of the 4 dates. **Exclude-** any under marketing contract or CCC loan

*Wheat?*

- Mark the **type of wheat-** Durum, Other spring, Winter

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AGRICULTURE COUNTS

# Section B- Precision Agriculture

*Use Precision ag technologies*

**Yes or No?**

*Why <u>did you use</u> the technology?*
**Listed- Codes for Column 3**

*Why <u>did you not use</u> the technology*
**Listed-Codes for Column 4**

**PRECISION AGRICULTURE**

5. The following table lists various types of precision agriculture technologies used on farm and ranch operations.
In column 2, mark **YES** or **NO** if you used that technology on your operation.
If **YES**, in **column 3** list all the reasons why the technology was chosen.
If **NO**, in **column 4** list all the reasons why the technology was **NOT** chosen.

| (1) TECHNOLOGY | | (2) Did you use this technology? (1 = Yes, 3 = No) | (3) List all the codes that match the reasons you CHOSE to use this technology. | (4) List all the codes that match the reasons you DID NOT CHOOSE to use this technology. |
|---|---|---|---|---|
| Yield monitor | 5738 | 1 ☐ Yes  3 ☐ No | 5739 | 5740 |
| Yield map | 5741 | 1 ☐ Yes  3 ☐ No | 5742 | 5743 |
| Soil map | 5744 | 1 ☐ Yes  3 ☐ No | 5745 | 5746 |
| Guidance auto-steering | 5747 | 1 ☐ Yes  3 ☐ No | 5748 | 5749 |
| Variable rate applicator/technology | 5750 | 1 ☐ Yes  3 ☐ No | 5751 | 5752 |
| Imagery from aircraft or satellite | 5753 | 1 ☐ Yes  3 ☐ No | 5754 | 5755 |
| Unmanned aerial vehicles (i.e., drones) | 5756 | 1 ☐ Yes  3 ☐ No | 5757 | 5758 |
| Robotic milking | 5759 | 1 ☐ Yes  3 ☐ No | 5760 | 5761 |
| Sensors/accelerometers on individual livestock | 5762 | 1 ☐ Yes  3 ☐ No | 5763 | 5764 |

| CODES for column 3 | | CODES for column 4 | |
|---|---|---|---|
| 1 - increase yields | 6 - improve soil conditions | 10 - costs too high compared to benefits | 13 - too complicated to use |
| 2 - save labor time | 7 - came standard on the equipment | 11 - DO NOT have broadband internet access | 14 - not accurate enough |
| 3 - reduce purchased input costs | 8 - reduce environmental impacts | 12 - benefits uncertain | 15 - not relevant to my operation |
| 4 - reduce operator fatigue | 9 - other | | 16 - other |
| 5 - broadband internet access | | | |

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AGRICULTURE COUNTS

# Section C - Livestock

- Item 2e (Milk, column 4) MUST be reported in hundredweight (Cwt), not in pounds.
  - A "hundredweight" is literally just 100 pounds.

- Item 2g(i) (Eggs, column 4) MUST be reported in dozens.

- Include notes for item 2k (other animals) explaining what they are or what products were sold. For example: goat milk in pounds or Cwt.

# Section C - Livestock

- Dashes versus Zeroes
  - It is okay to use zeroes. In fact it is encouraged in some cases. Like when finishing the line in a table.

| LIVESTOCK | INVENTORY | | SALES | |
| --- | --- | --- | --- | --- |
| 1 | 2 On Dec. 31, 2023, how many [column 1] regardless of ownership were on hand? (Number) | 3 On Dec. 31, 2023, how many [column 1] were owned by and located on or off this operation? (Number) | 4 What was the total number of [column 1] sold or removed In 2023? (Number) | 5 How much was received In Cash Sales of [column 1] from any year's production In 2023? (Exclude marketing contract sales.) (Dollars) |
| a. Beef cows (Include beef heifers that have calved. Exclude heifers that have not calved, steers, calves, and bulls.) . . . . . . . . . . . . . . . | 0255 315 | 0256 315 | 0254 205 | 1254 $ 246,000 .00 |
| b. Milk cows, including any dry cows (Exclude any heifers not yet freshened.) . . . . . . . | 0258 1200 | 0259 1200 | 0257 0 | 1258 $ 0 .00 |

# Section C - Livestock

- Example 2:
  - Assume the respondent is a contractee for Hogs, and has hogs on hand on 12/31/23.
  - The Number of hogs on hand on 12/31/23 is entered in cell 0263 (section C, item 2f, column 2).
  - However, column 3 (cell 0296) is none.
    - PLEASE ENTER A "0" IN CELL 0296.

| | | INVENTORY | | SALES | |
| --- | --- | --- | --- | --- | --- |
| **1**<br><br>LIVESTOCK | | **2**<br>On Dec. 31, 2023, how many [column 1] regardless of ownership were on hand?<br><br>(Number) | **3**<br>On Dec. 31, 2023, how many [column 1] were owned by and located on or off this operation?<br><br>(Number) | **4**<br>What was the total number of [column 1] sold or removed in 2023?<br><br>(Number) | **5**<br>How much was received in Cash Sales of [column 1] from any year's production in 2023? (Exclude marketing contract sales.)<br><br>(Dollars) |
| f. All hogs and pigs. | 0263 | 1500 | 0296 | 0 | 0262 | 3000 | 1296 $ | 0 | .00 |

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