

MISSISSIPPI CROPPING PRACTICES COTTON - 2022

(DRAFT)

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**United States
Department of
Agriculture**



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**



**MISSISSIPPI STATE
UNIVERSITY™**

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Please make corrections to name, address and ZIP Code, if necessary

The information you provide will be used for statistical purposes only. Your responses will be kept confidential and any person who willfully discloses ANY identifiable information about you or your operation is subject to a jail term, a fine, or both. This survey is conducted in accordance with the Confidential Information Protection and Statistical Efficiency Act of 2018, Title III of Pub. L. No. 115-435, codified in 44 U.S.C. Ch. 35 and other applicable Federal laws. For more information on how we protect your information please visit: <https://www.nass.usda.gov/confidentiality>. Response to this survey is **voluntary**.

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1. Please verify name and mailing address of this operation.
Make corrections (including the correct operation name) on the label and continue.
2. Please answer the following question(s) for the total acres you (name on label) operate.
 - a. Have there been or will there be any crops grown at any time during 2022?. **Yes** (Go to Item 5) **No** (Continue)
 - b. Have there been or will there be any grains, oilseeds, or hay stored at any time during 2022?. **Yes** (Go to Item 5) **No** (Continue)
 - c. Do you have facilities for storing whole grains or oilseeds?. **Yes** (Go to Item 5) **No** (Continue)
 - d. Is any of the land in this operation cropland?. **Yes** (Go to Item 5) **No** (Continue)
(Including idle cropland and cropland in government programs such as CRP, etc.)
 - e. Have there been or will there be any livestock, catfish or poultry, regardless of ownership, at any time during 2022 ?. **Yes** (Go to Item 5) **No** (Continue)

Complete this section only if all questions in Item 2 are answered "No".

3. Has this operation (named on label) been sold, rented, or turned over to someone else?
 Yes - [Continue] **No** – complete bottom of page 2 then conclude the interview.
4. What is the name and address of the new operation that has taken over the land?

Operation Name: _____

Operator Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

5. Are the day-to-day decisions for this operation made by one individual, a hired manager, or partners? (Check one)

- One individual – (Go to Section A on Page 3.)
- A hired manager – (Go to Section A on Page 3.)
- Partners – (Continue)

| |
|------------------------|
| Office Use Only |
| R. Unit |
| 9921 |

6. How many individuals are involved in the day-to-day decisions of this operation? . . .

| |
|---------------|
| Number |
| |

| |
|------------------------|
| Office Use Only |
| 9959 |
| . ____ |

Enter the number of partners. Include the partner named on the label. Partners jointly operate land and share in decision making. Do not include landlords and tenants as partners.

7. Please identify the other person(s) in this partnership, then go to Section A, Page 3. (Verify partners' names and make necessary corrections if names have already been entered.)

| | |
|--|--|
| Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: () - _____ | Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: () - _____ |
| Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: () - _____ | Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: () - _____ |

NOTES:

Please make comments containing the operation name, the name of the operator, any partners' names, addresses, phone numbers, or any other information that could be used to identify the operation or operators.

| Office Use Only | | | | | | | | | | |
|-----------------------------------|------|-------------|------|-----------------------|------|-------|-------|------------------|-------|------------------------------|
| Response | 9901 | Respondent | 9902 | Mode | 9903 | Enum. | Eval. | Date MM/DD/YY | Check | Office Use for POID |
| 1-Comp | | 1-Op/Mgr | | 1-PASI (Mail) | | 9998 | 9900 | 9910 | 202 | 9989 |
| 2-R | | 2-Sp | | 3-PAPI (Face-to-Face) | | | | | | _ _ _ _ - _ _ _ - _ _ _ _ |
| 3-Inac | | 3-Acct/Bkpr | | 19-Other | | | | | | |
| 4-Does not have Crop | | 4-Partner | | | | | | | | Optional Use |
| 5-Not for Grain | | 9-Oth | | | | | | | | 9907 9908 9906 9916 |
| 6-Not enough acres of Target Crop | | | | | | | | | | |
| 7-Out of Business | | | | | | | | | | |
| 8-Not needed | | | | | | | | | | |
| 9-Higher Priority | | | | | | | | | | |
| S/E Name | | | | | | | | | | |

ID Label
(Crop, POID, Dist, Cty, Region, Stratum, Seq. No. only)

SECTION A TOTAL FARM ACRES

1. How many acres in this operation are:

(For **total acres**, **include** all land managed by this operation. For **cropland**, **include** only land that has been or will be planted to row crops for grain, lint, seed, or oilseed. **Exclude** hay, silage, grazing, peanuts, sweet potatoes.)

| | | Total Acres | | Cropland Acres |
|--|---|-------------|---|----------------|
| a. Owned? | + | 901 | + | 811 |
| b. Rented from others? | + | 902 | + | 812 |
| c. Rented to others? | - | 905 | - | 815 |
| d. Then the total acres operated is: | = | 900 | = | 802 |

2. How many acres of the following crops were planted to be harvested in 2022?

| | Acres |
|--------------------------------|-------|
| a. Sorghum for grain? | 342 |
| b. Wheat for grain? | 390 |
| c. Corn for grain? | 320 |
| d. Rice for grain? | 365 |
| e. Soybeans for oilseed? | 372 |

| | Acres |
|---|-------|
| 3. How many acres of cotton were planted and intended for harvest for lint? | 325 |

[If less than fifty (50) acres, conclude interview.]

SECTION B COTTON FOR LINT CROP ONLY

| | |
|--|--------------|
| | Acres |
| 1. How many acres of cotton for lint have irrigation facilities available? | 501 |
| a. How many of your total cotton for lint acres were irrigated? | 502 |

| | |
|--|--------------|
| 2. How many acres of each of the following types of seed were planted? | Acres |
| a. Conventional variety (For example, variety that is not herbicide resistant or insect resistant.) | 511 |
| b. Herbicide-resistant variety (For example, Roundup ready Flex, Liberty Link, GlyTol, GlyTol/Liberty Link) | 512 |
| c. Bt variety for insect resistance (For example, Bollgard II, Widestrike) | 513 |
| d. Stacked variety (For example, Bollgard II/RoundupReady Flex, Bollgard III/RoundupReady Flex, Widestrike/Enlist, Liberty Link/Bollgard II, GlyTol, Liberty Link, TwinLink) | 514 |
| e. Other types of seed | xxx |

| | |
|--|--------------|
| | Acres |
| 3. On how many acres of cotton for lint was a soil test performed? | 521 |

| | |
|--|----------------|
| 4. What was the 2022 average yield in pounds of lint per acres for all cotton acres harvested? | Lb/acre |
| a. Irrigated (<input type="checkbox"/> Not yet harvested <input type="checkbox"/> None harvested nor to be harvested) | 531 |
| b. Non-irrigated (<input type="checkbox"/> Not yet harvested <input type="checkbox"/> None harvested nor to be harvested) | 532 |

| | |
|--|------------------|
| 5. Was lime applied to any cotton for lint fields? | Tons/acre |
| <input type="checkbox"/> Yes (Continue) <input type="checkbox"/> No (Go to item 6) | |
| a. What was the average application rate per acre? | 541 .____ |
| | Acres |
| b. On how many acres of cotton for lint was lime applied? | 542 |

FIELD SELECTION

I will follow a simple procedure to make a random selection from the cotton fields planted for the 2022 crop.

1. What is the TOTAL number of cotton fields planted on this operation in 2022?

| |
|-------------------------|
| Number of fields |
| 620 |

2. Please identify your non-abandoned fields with a name or number and list them below. Then a field will be selected.

- (If there are more than 18 fields, list only the 18 fields closest to the respondent’s permanent residence.)
- (If respondent is unable to identify or describe the fields, use a Field Selection Grid.)

| Field Name, Number or Description | Field Name, Number or Description |
|-----------------------------------|-----------------------------------|
| 1 | 10 |
| 2 | 11 |
| 3 | 12 |
| 4 | 13 |
| 5 | 14 |
| 6 | 15 |
| 7 | 16 |
| 8 | 17 |
| 9 | 18 |

APPLY RANDOM NUMBER LABEL HERE

3. ENUMERATOR ACTION:

[Circle the pair of numbers on the above label associated with the last numbered field above. Select the field according to the number you circled on the label, and record the selected number. If only one field, enter “1”.]

| |
|------------------------------------|
| Record Selected Number Here |
| 621 |

4. In which Land Resource Area (LRA, from the table below) is this field located? Use the provided "Major Land Resource Areas" map. Check the appropriate box below and enter the code for that Land Resource Area in the box.....

LRA Code

| |
|-----|
| 151 |
|-----|

a. Using the field selection table to the left, determine which Region the selected field is located in, and write that number in the box to the right.....

Region

| |
|-----|
| 104 |
|-----|

| Land Resource Area (LRA) | Region |
|--|--------|
| <input type="checkbox"/> 1 = Upper Delta | 1 |
| <input type="checkbox"/> 2 = Lower Delta | 2 |
| <input type="checkbox"/> 3 = Brown Loam | 3 |
| <input type="checkbox"/> 4 = Coastal Plain | |
| <input type="checkbox"/> 5 = Black Belt | 4 |

b. ENUMERATOR INSTRUCTIONS:

- Compare the region in which the field is located to the sampled region (on the label).
- If these do not match, go back to your list of fields.
- Go through all fields listed until you find one that matches the sampled region.
- If you still don't find a matching field, ask the operator if he has ANY fields that might fall in the sampled region.
- Use the first field you find that is in the correct region. If that region is one of the original 18, enter its number for the selected field.
- Otherwise, enter '19' for the selected field. Be sure to correct the entries in the field number, IRA, and Region boxes above.
- If the farmer does not have any such fields, either listed or not, you may proceed with the originally selected field.

5. The selected field name is _____ [Record field acreage here].....

Acres

| | |
|-----|-------|
| 623 | .____ |
|-----|-------|

For the rest of the interview, my questions will be about this SELECTED field.

ENUMERATOR NOTES:

Use this page for calculations, verification notes, and for any other notes or remarks that could NOT be used to identify the operation or operators. **DO NOT** write the operation name, the name of the operator, and partners' names, social security numbers, EIN's, addresses, phone numbers, or any other personal information on this page.

| SECTION C | | 2022 CROPPING PRACTICE TABLE | | Selected Field Number: | | |
|-----------|--------------------------|--------------------------------|------------|---|---|-----------------------------|
| LINE | 1 | 2 | | 3 | | 4 |
| | Month of Field Operation | Description of Field Operation | | Implement or Machine Used (Name & Size) | | Horse Power of Tractor Used |
| | MMYY | Specify | Office Use | Specify | Drive | Specify |
| 01 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 02 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 03 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 04 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 05 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 06 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 07 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 08 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 09 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 10 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 11 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 12 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 13 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 14 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 15 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 16 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 17 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 18 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 19 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 20 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 21 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 22 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 23 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |
| 24 | 703 | | 704 | | <input type="checkbox"/> 2WD <input type="checkbox"/> 4WD | 706 |

2021 Crop Harvested: _____

702

| L I N E | 5 Times Over Field | 6 Material Applied (Trade Name & Formulation) | | 7 How much was applied per acre per application? | 8 Unit of Measure | | 9 Custom Charge in \$/acre (specify if other rates are used) |
|------------------|--------------------------|---|---------------|---|----------------------|---------------|--|
| | | Specify | Office Use | Specify | Specify | Office Use | |
| 01 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 02 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 03 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 04 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 05 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 06 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 07 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 08 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 09 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 10 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 11 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 12 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 13 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 14 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 15 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 16 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 17 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 18 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 19 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 20 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 21 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 22 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 23 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |
| 24 | 707 .__ | | 708 | 709 .__ | | 710 | 711 .__ __ |

SECTION D SAMPLE FIELD ONLY

This section refers only to the sample field _____ and its _____ field acres recorded in the Field Selection Section. [Enter name of sample field and its acres in the spaces above.]

| | |
|-------------------|-----|
| Office Use | 111 |
|-------------------|-----|

1. In which county is the field located? _____

3. What is the primary soil class? [Check class, enter code then continue]

1 I 2 II 3 III 4 IV

| |
|-------------|
| Code |
| 141 |

4. What was the average yield per acre on the sampled field only?

| |
|-----------------|
| Lbs/acre |
| 533 |

6. Was an irrigation system available for use in this field? [Enter code then continue]

1 Center Pivot 5 Border Flood.
 2 Furrow 6 Other (Specify Type) _____
 4 Flood 7 None

| |
|-------------|
| Code |
| 505 |

a. If a center pivot was available, what was the length of the radius?

| |
|-------------|
| Feet |
| 547 |

b. What is the source of energy for this irrigation system? [Enter code then continue]

1 Diesel 3 Propane
 2 Electricity 4 Other _____

| |
|-------------|
| Code |
| 546 |

c. If irrigation system was available, was it used this year?

Yes – [Enter 1 and continue] **No** – [Enter 3 and continue].

| |
|-------------|
| Code |
| 506 |

If irrigation was used (code box 506 = 1) verify that Section C contains irrigation activities.

12. What was the planting pattern?

1 Solid 3 Skip Row

| |
|-------------|
| Code |
| 171 |

a. [If Solid] What was the row spacing for this field?

| |
|---------------|
| Inches |
| 172 |

b. [If Skip Row] What skip pattern was used? _____ x _____ skip with
 _____ inch rows and _____ inch skips

| | | |
|-------------------|-----|-----|
| Office Use | 177 | 178 |
| | 179 | 180 |

14. Has this field ever been land formed (or precision leveled) in the last ten years?

Yes – [Enter 1 and continue] **No** – [Enter 3 then go to **Section E**].

| |
|-------------|
| Code |
| 507 |

a. What was the most recent year in which this field was land formed? (4 digit year).

| |
|----------------------------|
| YYYY |
| 508 ____ ____ ____ ____ |

b. What expense per acre was incurred for land forming this field?

| |
|----------------|
| \$/acre |
| 509 |

SECTION F MSUES CROP PRODUCTION SURVEY CHECK SHEET

- Is 2021 crop harvested on this field listed on page 9?
- Lime: If lime application is not listed in Cropping Practices Section, please verify that no lime was applied.
- Is row spacing and number of rows entered with the planting operation in the Cropping Practices Section?
- Is the seed type and amount planted in the selected field entered with the planting operation in the Cropping Practices Section? Be sure that the seed listed in Section C matches one of the categories indicated in question B2.
- Fertilizer:** If there is no fertilizer application listed in the Cropping Practices Section, please verify that no fertilizer was applied.
- Herbicide:** If there is no herbicide application listed in the Cropping Practices Section, please verify that no herbicides were applied.
- Insecticide:** If there is no insecticide application listed in the Cropping Practices Section, please verify that no insecticides were applied.
- If field was irrigated, please check that all irrigation activities are listed in Section C.
- Harvest:**
- Did producer specify a harvest date?
- Did producer combine/pick **or** custom harvest ?
- Did custom harvest include hauling cost?
- Did producer list additional harvest equipment? (For example: boll buggy, module builder, grain cart, etc.)
- Post Harvest Operations 2022:**
- Please verify post harvest operations related to residue management of the crop that was just harvested.
- Service fees: Please verify additional service fees such as insect scouting, crop consultant, etc.
- If a cotton field was planted in skip row pattern, verify in column 7 that the application rate was per land acre or per crop acre.

ENUMERATOR NOTES:

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**MSUES
YIELD SUPPLEMENT
2022**

Name and Address Label

Please verify that you received an average yield in pounds of cotton lint in **Section B, question 4**. If the operator is not able to estimate yield at this time, you will need to re-contact the operator at a later date for the yield information. First, get the operator's best estimate of what date would be best to call or return for the yield information, and put that date in the box directly below.

Call/come back on [enter date] ____ / ____ / ____ for yield.

Then, copy irrigated acres from **Section B**, question 1a, in the space below for irrigated acres. Next compute non-irrigated acres as total cotton for lint acres (**Section A**, question 3) minus irrigated acres, and write these non-irrigated acres in the space for non-irrigated acres. Check the box in front of each line that has positive acres. Do not complete Respondent, Enumerator, or Date (at the bottom) at this time. Cut this page out of the questionnaire and send the rest of it to your supervisor for review. Keep this page until you obtain yield(s), then fill it out and return it to the state office. Remember when collecting yield data that the yield refers to **ALL** harvested cotton for lint acreage, not just the selected field.

Check

| | Lbs/acre |
|---|----------|
| <input type="checkbox"/> The 2022 average yield in pounds of lint on your _____ acres of irrigated cotton. | 531 |
| <input type="checkbox"/> The 2022 average yield in pounds of lint on your _____ acres of non- irrigated cotton. | 532 |
| <input type="checkbox"/> The 2022 average yield in pounds of lint on the sampled field only. | 533 |

Respondent _____

Enumerator _____

Date _____

NOTES:

(Use this page for any notes pertaining to re-contacting the operator for yield information.)