

AGRICULTURAL RESOURCE MANAGEMENT SURVEY

OMB No. 0535-0218
 Approval Expires: X/XX/20XX
 Project Code: 906
 Survey ID: 2038 Phase 2



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RICE PRODUCTION PRACTICES AND COSTS REPORT FOR 2026

VERSION 9	ID _____	TRACT 01	SUBTRACT ____	C-TYPE 115
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CONTACT RECORD

DATE	TIME	NOTES

The information you provide will be used for statistical purposes only. Your response will be kept confidential and any person who willfully discloses ANY identifiable information about you or your operation without your consent 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 is voluntary.

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H H M M

BEGINNING TIME [MILITARY]

SCREENING BOX

Check if verified POID _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Check if cell phone

Phone: (____) _____

Check if verified POID _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Check if cell phone

Phone: (____) _____

Check if verified POID _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Check if cell phone

Phone: (____) _____

Check if verified POID _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Check if cell phone

Phone: (____) _____

Total Planted Acres

0050

1. How many acres of rice did this operation plant for the 2026 crop year?.....

[If no acres planted, review Screening Information Form, make notes, then go to back page.]

a. Of the total (item 1) acres, how many were planted with the intention of harvesting--

	Total Acres	Number of Fields
i. Long grain?.....	0051 ▪__	0056
ii. Medium grain?.....	0052 ▪__	0057
iii. Short grain?.....	0053 ▪__	0058

[I will follow a simple procedure to make a random selection from the rice fields planted for the 2026 crop.]

Total Number of Fields
Planted

0020

2. What is the total number of rice fields that were planted on this operation?.....

[If only one field enter "1" and go to item 4.]

3. [Now, I need to identify a rice field to be used for this survey.] The rice field pre-selected for this interview is the:

- 1 Northern most field
- 2 Southern most field
- 3 Eastern most field
- 4 Western most field
- 5 Northeastern most field
- 6 Southeastern most field
- 7 Northwestern most field
- 8 Southwestern most field

Field description:

--

APPLY "RANDOM NUMBER" LABEL HERE

4. The field selected is _____ (field name/number/description).
During this interview, the rice questions will be about this selected rice field.
[Be sure the operator can identify the selected field.]

5. For the randomly selected field above, please provide the following Farm Service Agency (FSA) identifiers:

[Having this information helps USDA make better use of other data you have provided to USDA and will improve the types of statistical analysis that can be done with the responses from this survey. If the physical field in this survey spans multiple FSA administrative fields, please include the farm, tract, and field number for the largest administrative field. These numbers are field identifiers that USDA uses to administer farm programs like crop insurance, commodity programs, and conservation programs.]

- a. Farm Number (up to 8 digits).....
- b. Tract Number (up to 7 digits).....
- c. Field Number (up to 4 digits, exclude subfield letters).....

Number
1070
1071
1072

OFFICE USE OY Field Substituted
0022

1. How many acres of rice did this operation plant in the selected field for the 2026 crop?.....

Acres
1301

a. Are the acres in the selected field certified organic or transitioning into certified organic rice production?.....

Code
Yes, certified organic=1
Yes, transitioning=2
No=3
4068

[If item 1a = 1, then ask--]

b. What was the cost, per acre, for third party organic certification?.....

Dollars & Cents per Acre
1891

2. Were the acres in the selected field--.....

1 owned by this operation?
 2 rented for cash with the payment being a fixed cash amount?
 3 rented for cash with the payment being a flexible cash amount?
 4 rented for a share of the crop?
 5 rented for some combination of cash and share of the crop?
 6 used rent free?

Code
1302

[If field is cash rented (item 2 = 2, 3, or 5), ask item 3. Otherwise go to item 4.]

3. What was the cash rent paid per acre for the selected 2026 rice field?.....

Dollars & Cents per Acre
1303

[If field is share rented (item 2 = 4 or 5), ask--]

4. What was the landlord's share of the crop from the selected field?.....

Percent
1304

[If field is rented (item 2 = 2, 3, 4, 5, or 6) ask--]

5. What was the total cost for all inputs provided by any landlord for the 2026 crop on the selected field? INCLUDE the costs for all inputs, such as seed, fertilizer, chemicals, technical services, custom operations, drying, and irrigation. EXCLUDE real estate tax expenses and lime costs paid by the landowner.....

Dollars & Cents per Acre
1305

OR

Total Dollars
1306

6. In what year did you (the operator listed on the label) start operating the selected field?.....

Year
1312

13. Was a hybrid rice seed planted in the selected field?.....

Code
1327

Yes=1
No=3

14. Did the rice planted on the selected field have any of the following herbicide tolerant traits?

Code
2060

a. Herbicide tolerance to ClearField® or other IMI (imazethapyr and imidazolinone) herbicides such as ClearField® Rice or FullPage® Rice.....
Yes=1
No=3

Code
2062

b. Herbicide tolerance to Provisia® or other quizalofop herbicides such as Provisia® Rice.....
Yes=1
No=3

Code
2070

c. Other herbicide tolerant trait.....
Yes=1
No=3

15. Has harvest of the selected field been completed?.....

Code
1328

Yes=1
No=3

[Now I need information about the acres harvested or to be harvested and the yields from the selected field.]

	Acres	What yield per acre did you get or do you expect to get for rice-- Units per Acre	Unit Code 1 Pounds 2 CWT 3 Tons 4 Bushels 5 Barrels Code
16. How many acres in this rice field were or will be--			
a. harvested for grain, first crop?.....	1346 ▪____	1347 ▪____	1348
b. harvested for grain, ratoon crop?.....	1332 ▪____	1333 ▪____	1334
c. harvested for commercial seed contract?.....	1431 ▪____	1432 ▪____	1433
d. abandoned?.....	1351 ▪____		
e. used for some other purpose?.....	1439 ▪____		

Crop Code List for item 17 - Previously Planted Crops			
6 Corn for grain	1 Hay, alfalfa	240 Sorghum, all	291 Other field crop
5 Corn for silage	11 Hay, all other	26 Soybeans	292 Other crop
283 Cotton, all	15 Oats	28 Sugarbeets	312 Cover crop mix
946 Crawfish	21 Rice	263 Wheat, durum or spring	
302 CRP	22 Rye	165 Wheat, winter	
311 Grasses including clover	34 Ryegrass, annual	318 No crop planted	

17. Please report the history of crops on the majority of the selected field, including cover crops.

1 What crops were planted on the selected field in-- [For perennial crops (1, 11, 292, 302, and 311), report the crop code in all seasons when the crop was growing.]			2 Was this a cover crop? Yes=1 No=3	3 If a cover crop was planted, what was the final method used to terminate this cover crop? 1 Tilled-in 2 Herbicide 3 Rolled 4 Grazed 5 Harvested for forage 6 Harvested for grain 7 Winter killed	4 What type of tillage ^{1/} was used? 1 No tillage 2 Strip tillage 3 Reduced tillage 4 Conventional tillage
Season and Year	Crop Name	Crop Code		Code	Code
a. Spring/Summer of 2026?...	Rice	21			xxxx
b. Fall of 2025?.....		1343	1470	1471	xxxx
c. Spring/Summer of 2025?...		1369	1472	1473	xxxx
d. Fall of 2024?.....		1372	1474	1475	xxxx
e. Spring/Summer of 2024?...		1375	1476	1477	xxxx
f. Fall of 2023?.....		1378	1478	1479	xxxx
g. Spring/Summer of 2023?...		1381	1480	1481	xxxx
h. Fall of 2022?.....		1366	1482	1483	xxxx
i. Spring/Summer of 2022?...		1340	1484	1485	xxxx

^{1/}No-till leaves soil and previous crop residue undisturbed from harvest to planting.
 Strip-till uses special equipment to till strips between crop rows, leaving the crop rows mostly undisturbed from harvest to planting.
 Reduced till refers to tillage with fewer passes and/or lower disturbance implements than conventional tillage, such as ridge till, chisel plowing, field cultivation, tandem disking, or vertical tillage.
 Conventional till is the practice of tilling by moldboard plow or disc plow where the soil surface and subsurface layers are disturbed.

[If a cover crop was planted in Spring/Summer/Fall 2025, ask--]

Dollars & Cents per Acre

j. What was the seed cost per acre for the cover crop?.....

1468	•	___	___
------	---	-----	-----

k. What was the per-acre cost-share or financial assistance payments received for the cover crop? If no program payment was received, enter zero.....

1495	•	___	___
------	---	-----	-----

l. In addition to the final method used to terminate the cover crop (reported in column 3 above), what other practices were applied to this cover crop? (Select all that apply.)

- 4082 Tilled in 4083 Terminated with herbicide 4084 Rolled
 4085 Grazed 4086 Harvested for forage 4087 Harvested for grain

18. Is this field managed under an NRCS-approved conservation plan for highly erodible land (HEL)? All fields that have been designated as HEL by USDA, and that are being actively farmed, are required to have soil conservation plans under the conservation compliance program.....

Code	
Yes=1	0702
No=3	

19. Does the selected field contain a wetland? Wetlands are subject to Wetland Conservation (WC) or "swampbuster" requirements. Producers who receive farm program payments must refrain from draining wetlands to make them ready for crop production.....

Code	
Yes=1	1405
No=3	

20. What is the slope of the selected field?.....

- | |
|---|
| 1 Nearly level (0 - 2%)
2 Even, moderate grade (3 - 9%)
3 Variable, moderate grade
4 Even, steep grade (over 10%)
5 Variable, steep grade |
|---|

Code	
	2400

21. What is the primary soil type of the selected field?.....

- | |
|---|
| 1 Loam
2 Clay
3 Sandy
4 Mixed
5 Silty |
|---|

Code	
	2401

22. Has the selected field ever been in any conservation contracts for which you or your landlord received or expected to receive cost-sharing payments, stewardship payments, or incentive payments?

a. Environmental Quality Incentives Program (EQIP).....

b. Conservation Security or Conservation Stewardship Program (CSP).....

c. Conservation Reserve Program (CRP).....

d. Other Federal, State, Local, or non-Government source.....

Unit Code	
1 Current 2 Past 3 Never	
	2611
	2612
	2613
	2614

23. In the selected field, are any of the following currently or historically a concern?

a. Water-driven erosion.....

b. Wind-driven erosion.....

c. Soil compaction.....

d. Poor drainage.....

e. Low organic matter.....

f. Water quality.....

g. Water availability.....

h. Other concerns.....

Code	
1 Currently a concern 2 A concern in the past but not anymore 3 Not a concern	
	2407
	2408
	2409
	2410
	2411
	2412
	2415
	2413

[If items 23a-h are all "Not a concern", ask--]

i. If the answer to all of the above was "Not a Concern", is it the case that there are no significant concerns on this field?.....

Code	
Yes=1	1552
No=3	

24. For each of the following conservation practices or plans, indicate if the practice or plan was used on the selected field and any financial assistance associated with the practice or plan.

Conservation Practices or Plans	Was this practice or plan used on the selected field in 2026? 1 Used in 2026 2 Not used in 2026 but used in earlier years 3 Never used Code	What financial assistance (cost-share) has been received for this practice on the selected field? 1 Received a payment in 2026 from EQIP, CSP, or similar program 2 Did not receive a payment in 2026 but have in earlier years 3 Have never received a payment for this practice Code
a. Contour farming	4088	4089
b. Terraces	4090	4091
c. Grass waterway	4092	4093
d. Filter strips	4094	4095
e. Field borders	4096	4097
f. Riparian buffers	4098	4099
g. Precision nutrient application	4100	4101
h. Irrigation water management	4102	4103

25. Did you harvest both rice and crawfish from the selected field during 2026?..... Code
 Yes=1 2620
 No=3

[If item 25 = 1, continue. Otherwise go to item 26.]

a. Do you believe the crawfish harvest reduced the rice yield in the selected field during 2026?..... Code
 Yes=1 2621
 No=3

[If item 25a = 1, continue. Otherwise go to item 26.]

b. By what percentage do you believe the rice yield in the selected field was reduced as a result of the harvest of crawfish?..... Percent
 2622

26. Did you maintain a flood on the selected field during the winter season as a beneficial habitat for wildlife or waterfowl?.....

Code
2623

Yes=1
No=3

[If item 26 = 1, continue. Otherwise go to item 27.]

Inches per Acre		Total Acre-Feet
2624	OR	2625

a. How much water was left on the field as a winter flood?.....

Code
2626

b. Did you receive payment for maintaining a flood on the selected field?.....

Yes=1
No=3

[If item 26b = 1, continue. Otherwise go to item 27.]

Dollars & Cents per Acre		Total Dollars
2627	OR	2628

i. What was the payment you received for maintaining a winter flood on the selected field?.....

Code
2520

27. In 2026, was the rice in the selected field covered by a single or named peril crop insurance policy (e.g. hail, replant, wind, freeze)?.....

Yes=1
No=3

[If item 27 = 1, continue. Otherwise go to item 28.]

Code
2517

a. In 2026, was the rice in the selected field covered by more than one single or named peril crop insurance policies (e.g. hail, replant, wind, freeze)?.....

Yes=1
No=3

Dollar & Cents per Acre
2521

b. What was the dollar amount of coverage per acre for the single peril policy covering the selected field?.....

2523

c. What was the premium cost per acre for the single peril policy covering the selected field? EXCLUDE any sign-up fee.....

Percent
2522

d. What was the percent deductible for the single peril policy covering the selected field? [Record no deductible as "0"]......

Code
1394

e. Did you or will you collect an indemnity payment for the selected field from the single peril policy during 2026?.....

Yes=1
No=3

28. In 2026, was the rice in the selected field covered by a multi-peril crop insurance policy?..... Yes=1
 No=3

Code
 1385

[If item 28 = 1, continue. Otherwise go to Section C]

a. Which coverage did you obtain?..

1 Federal CAT (basic catastrophic insurance)
 2 Yield Protection (YP)
 3 Revenue Protection (RP)
 4 Other multi-peril crop insurance

Code
 1386

[If item 28a = 2, ask--]

i. What percent of yield coverage did you select for the selected field?.....

Percent
 1387

ii. What percent of price coverage did you select for the selected field?.....

Percent
 1388

[If item 28a = 3, ask--]

iii. What percent of revenue coverage did you select for the selected field?.....

Percent
 1389

b. What type of unit coverage did you purchase for the multi-peril policy on the selected field?.....

1 Basic
 2 Optional
 3 Enterprise

Code
 2524

c. In what year did you, the operator listed on the label, first purchase multi-peril crop insurance on the selected field?.....

Year
 2525

d. What is the 2026 Approved APH (actual production history) yield for the selected field?.....

CWT per Acre
 2526

e. What was the premium paid for multi-peril crop insurance for the selected field in 2026? EXCLUDE any administrative fee.....

Dollars & Cents per Acre
 2527

f. Did you or will you collect an indemnity payment for the selected field from multi-peril crop insurance during 2026?..... Yes=1
 No=3

Code
 2528

1. Were commercial nutrients or fertilizers applied to the selected field for the 2026 rice crop? INCLUDE those from operators, landlords, and contractors....

Yes=1
No=3

Code	Office Use Edit Table
0202	0200

[If item 1 = 1 continue. Otherwise go to item 6]

2. How many commercial nutrient or fertilizer applications were made to the selected field for the 2026 crop? INCLUDE applications made by airplanes and custom applicators.....

Number
0203

3. Now I need to record information for each application.

INCLUDE	EXCLUDE
<input type="checkbox"/> Custom applied nutrients or fertilizers	<input type="checkbox"/> Micronutrients
<input type="checkbox"/> Nutrients or fertilizers applied in the fall of 2025 and those applied earlier if the selected field was fallow in 2025.	<input type="checkbox"/> Unprocessed manure
<input type="checkbox"/> Commercially prepared manure or compost	<input type="checkbox"/> Nutrients or fertilizers applied to previous crops in the selected field
	<input type="checkbox"/> Lime and gypsum/landplaster

Office Use Lines in Table	Table 001	0299
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Nitrogen Codes for Column 2 Source/Form of N Used	
1 Anhydrous ammonia	6 Ammonia sulfate
2 Nitrogen solution (UAN)	7 Potassium nitrate, magnesium nitrate, and calcium nitrate
3 Urea	8 Other nitrogen fertilizer material
4 Ammonium nitrate	[specify: _____]
5 Sodium nitrate	

Application Codes for Column 6	
1 Broadcast, ground without incorporation	5 In irrigation water
2 Broadcast, ground with incorporation	6 Chisel/injected or knifed in
3 Broadcast, by aircraft	7 Banded in or over row
4 In seed furrow	8 Foliar or directed spray

L I N E	2 Materials Used [Enter percentage analysis or actual pounds of plant nutrients applied per acre.] [Show Common Nutrients or Fertilizers in Respondent Booklet] [Refer to nitrogen list above for type of nitrogen used.]					3 What quantity was applied per acre? [Leave this column blank if actual nutrients were reported]	4 [Enter material code] 1 Pounds 12 Gallons 13 Quarts 19 Pounds of actual nutrients	5 When was this applied? 1 In the fall before seeding 2 In the spring before seeding 3 At seeding 4 After seeding	6 How was this applied? [Refer to code list above]	7 How many acres in the selected field were treated in this application? Acres	8 Was this applied using variable rate technology (VRT)? Yes = 1 No = 3
	N Nitrogen	P ₂ O ₅ Phosphate	K ₂ O Potash	S Sulfur	Source/Form of N Used [Refer to code list above]						
	31	32	33	34	35	36	37	38	39	40	27
01										. _ _	
02										. _ _	
03										. _ _	
04										. _ _	
05										. _ _	
06										. _ _	
07										. _ _	
08										. _ _	
09										. _ _	
10										. _ _	

4. Were any nutrients or fertilizers applied by custom applicators?.....
 Yes=1 0214
 No=3

[If item 4 = 1 continue. Otherwise go to item 5.]

a. Are you able to report the cost of nutrient or fertilizer materials and custom application separately?.....
 Yes=1 2216
 No=3

[If item 4a = 1 continue. Otherwise go to item 5.]

b. Excluding the cost of the nutrient or fertilizer materials, how much was spent for custom application of nutrients or fertilizers on the selected field?

INCLUDE

- operator, landlord, and contractor costs
- costs for sulfur and micronutrients

Dollars & Cents per Acre

Total Dollars

EXCLUDE custom application of lime, gypsum, purchased manure, and purchased compost.....
 0219 OR 0220

[If material and application costs can't be separated, exclude them here and record the total in item 5.]

5. What was the total cost of all nutrient or fertilizer products applied to the selected field?

INCLUDE

- operator, landlord, and contractor costs
- costs for sulfur and micronutrients
- materials applied to the selected field if it was fallow in 2025

Dollars & Cents per Acre

Total Dollars

EXCLUDE lime, gypsum, purchased manure, and purchased compost.....
 0221 OR 0222

[If custom applied and the cost of materials can be separated from application costs, include the cost of materials only; otherwise, include both the material and application costs.]

6. Was gypsum applied to the selected field for the 2026 rice crop?.....
 Yes=1 0218
 No=3

7. Was a soil test for soil organic matter performed on this rice field at some point in the last 10 years?.....
 Yes=1 3225
 No=3

[If item 7 = 1, ask--]

a. What was the percentage of soil organic matter on the field for the most recent test?.....
 Percent
 3226

b. How many times have you tested the selected field for soil organic matter in the last 10 years?.....
 Number
 3227

8. Was a soil or plant tissue test performed on the selected rice field in 2025 or 2026 for the 2026 crop?.....
 Yes=1 0224
 No=3

[If item 8 = 1, continue. Otherwise go to item 13.]

9. Was a soil test for phosphorus performed on the selected rice field in 2025 or 2026 for the 2026 crop?.....
 Yes=1 0225
 No=3

[If item 9 = 1 ask--]

a. How many pounds of phosphorus per acre were recommended by the phosphorus test?.....
 Pounds per Acre
 0226

10. Was a soil test for nitrogen performed on this rice field in 2025 or 2026 for the 2026 crop?.....
 Yes=1 0227
 No=3

[If item 10 = 1, ask--]

a. How many pounds of nitrogen per acre were recommended by the nitrogen test?.....
 Pounds per Acre
 0228

11. Was a plant tissue test or leaf analysis for nutrient deficiency performed on the selected field in 2025 or 2026 for the 2026 crop?..... Yes=1 No=3

Code
0229

12. How much was spent for these soil and plant tissue tests on the selected field? INCLUDE operator, landlord, and contractor costs.....

Dollars & Cents per Acre: 0230

OR

Total Dollars: 0231

Code
4121

a. Did you receive a payment from a conservation program (CSP, EQIP, or other) for performing a soil or plant tissue test?..... Yes=1 No=3

[Enumerator Action: Refer to the Fertilizer Table, column 2. If nitrogen (N) was applied, complete item 13. If no nitrogen applied, go to item 15.]

13. Was the amount of nitrogen you decided to apply to the selected field based on—

a. Results of a soil or plant tissue test?..... Yes=1 No=3 Code: 0233

b. Crop consultant recommendation?..... Yes=1 No=3 Code: 0234

c. Fertilizer dealer recommendation?..... Yes=1 No=3 Code: 0235

d. Extension Service recommendation?..... Yes=1 No=3 Code: 0236

e. Cost of nitrogen and/or expected commodity price?..... Yes=1 No=3 Code: 0237

f. Contractor recommendation?..... Yes=1 No=3 Code: 0238

g. Routine practice – operator's own determination based on past experience, yield goal, etc.?.. Yes=1 No=3 Code: 0239

14. Which of the following products did you use to slow the breakdown of nitrogen on this field?.....

Code: 0241

1 Nitrification inhibitors (such as N-Serve)
2 Urease inhibitors (such as Agrotain)
3 Chemical-coated fertilizers (such as sulfur-coated urea and polymer-coated urea)
4 Other inhibitors
5 None

[If nitrogen inhibitors were used, continue. Otherwise go to item 15.]

a. How much nitrogen inhibitor did you mix with the nitrogen applied to the selected field?.....

Pounds per Acre: 2561

OR

Gallons per Acre: 2562

b. What was the cost of nitrogen inhibitors used on this field? INCLUDE operator, landlord, and contractor costs.....

Dollars & Cents per Pound: 0297

OR

Dollars & Cents per Gallon: 0298

15. Is lime ever applied to the selected field?..... Yes=1 No=3

Code: 0242

[If item 15 = 1 continue. Otherwise go to item 16.]

a. On average, how many years are there between applications of lime to the selected field?.....

Years: 0243

b. How many tons of lime were applied per acre the last time it was applied to the selected field?.....

Tons per Acre: 0244

c. Was lime applied to the selected field in 2025 or 2026 for the 2026 crop?..... Yes=1 No=3

Code: 0240

16. Was non-commercial (unprocessed) manure from own farm, from a neighbor's farm, etc., or other organic material, including compost, applied to the selected field for the 2026 rice crop? EXCLUDE commercially prepared manure.....

Code
Yes=1 0246
No=3

[If item 16 = 1 continue. Otherwise go to Section D.]

a. To how many acres in the selected field was manure or compost (including composted manure) applied?.....

Acres
0247

b. Of the total acres in the selected field, to how many acres was the following applied?

i. Compost.....

Acres
0268

ii. Composted manure.....

4124

iii. Raw manure.....

4125

c. What was the amount of manure or compost (including composted manure) applied per acre to the selected field?.....

Units per acre
0249 0248
1 Tons
2 Gallons
3 Bushels
4 Cubic yards

d. Of the total manure or compost (including composted manure) applied to the selected field for the 2026 rice crop, what was the percent applied--

i. in the fall before planting?.....

Percent
0254

ii. in the spring before planting?.....

0255

iii. after planting?.....

0256

= 100%

e. Was the manure or compost (including composted manure)--.....

1 Lagoon liquid?
2 Slurry liquid?
3 Semi-dry or dry?

Code
0257

f. Was the manure or compost (including composted manure)--.....

1 Broadcast or sprayed without incorporation?
2 Broadcast or sprayed with incorporation?
3 Injected/knifed in?
4 Sprayed using irrigation systems?

Code
0258

g. Was the major source of manure or compost (including composted manure) from--.....

1 Beef cattle? 6 Equine?
2 Dairy cattle? 7 Biosolids - municipal sludge?
3 Hogs? 8 Food waste?
4 Sheep/goats? 9 Other?
5 Poultry? 2752 Specify: _____

Code
0259

h. Was the manure or compost (including composted manure)--.....

1 Produced on this operation?
2 Purchased?
3 Obtained at no cost off this operation?
4 Obtained with compensation (operator received payment for accepting the manure)?

Code
0260

[If item 16h = 2, continue, otherwise go to item 16i.]

	Dollars & Cents per Acre		Total Dollars
i. What was the total cost of the purchased manure or compost (including composted manure) applied to the selected field?	0284	OR	0285
INCLUDE			
• operator, landlord, and contractor costs			
• any payment made for transportation costs			

ii. Did you hire someone to custom apply the manure or compost?	Yes=1 No=3	Code 0286
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[If item 16hii = 1, ask—]

(a) What was the total cost paid to have manure or compost (including composted manure) custom applied to the selected field? INCLUDE operator, landlord, and contractor costs.....	Dollars & Cents per Acre		Total Dollars
	0287	OR	0288

[Do not report custom application cost if it was included with the purchased manure or compost (including composted manure) cost.]

		Code
i. Of the manure or compost (including composted manure) applied to the selected field, was any tested for nutrient content prior to application?.....	Yes=1 No=3	0261
j. Was the application rate of commercial nitrogen fertilizer on the selected field reduced due to manure or compost (including composted manure) application?	Yes=1 No=3	0262

[If 16j = 1, ask—]

	Percent
i. By what percent did you reduce the commercial nitrogen fertilizer application rate on the selected field?.....	0263

		Code
17. Were the manure or compost application rates to the selected field influenced by Federal, State, or local restrictions?.....	Yes=1 No=3	0264

[If item 18 = 1, ask--]

a. What basis was used to determine these manure application rate restrictions--		Code
i. Nitrogen requirement of the crop?.....	Yes=1 No=3	0265
ii. Phosphorus requirement of the crop?.....	Yes=1 No=3	0266

18. Compared to the last time you planted rice, did you make any of the following changes to your cropping practices with the intent of reducing commercial fertilizer use?		Code
a. Change the type of commercial fertilizer products applied on the selected field, e.g. less anhydrous ammonia and more urea.....	Yes=1 No=3	1226
b. Manage fertilizer use more closely, with such practices as soil testing, split applications, variable rate applications, or soil incorporation on the selected field.....	Yes=1 No=3	1228
c. Change your crop rotation, e.g. plant rice on the selected field rather than usual crop rotation.....	Yes=1 No=3	1227
d. Reduce the application of commercial nitrogen fertilizer.....	Yes=1 No=3	1224

[If item 19d = 1, ask--]

	Percent
i. By what percent did you reduce the amount of commercial nitrogen fertilizer applied for 2026?..	1225

Now I have some questions about all the biocontrols or pesticides used on the selected field for the 2026 rice crop, including both custom applications and applications made by this operation.

1. Were any herbicides, insecticides, fungicides or other biocontrols or pesticides used on this rice field for the 2026 crop?.....

Yes=1
No=3

Code	Office Use Edit Table
0302	0300

[Probe for applications made in the fall of 2025 and those made earlier if the selected field was fallow.]

If no biocontrols or pesticides applied, go to Section E.

INCLUDE defoliant, fungicides, herbicides, insecticides, and other pesticides. INCLUDE biological and botanical pesticides.	EXCLUDE adjuvants, nutrients or fertilizers reported earlier and seed treatments.
--	---

Office Use Line in Table	Table 001	0399
-----------------------------	--------------	------

Chemical Product Name	L I N E	2	3	4	5	6 OR 7		8
		What products were applied to the selected field? [Show product codes from Respondent Booklet.]	Was this product bought in liquid or dry form? [Enter L or D]	If this was part of a tank mix, enter line number of first product in mix.	When was this applied? 1 Before planting 3 At planting 4 After planting 5 Defoliation prior to harvest	How much was applied per acre per application?	What was the total amount applied per application in the selected field?	[Enter unit code] 1 Pounds 12 Gallons 13 Quarts 14 Pints 15 Liquid Ounces 28 Dry Ounces 30 Grams
	01	61	62	63	64	65	73	74
	02	61	62	63	64	65	73	74
	03	61	62	63	64	65	73	74
	04	61	62	63	64	65	73	74
	05	61	62	63	64	65	73	74
	06	61	62	63	64	65	73	74
	07	61	62	63	64	65	73	74
	08	61	62	63	64	65	73	74
	09	61	62	63	64	65	73	74
	10	61	62	63	64	65	73	74
	11	61	62	63	64	65	73	74
	12	61	62	63	64	65	73	74
	13	61	62	63	64	65	73	74
	14	61	62	63	64	65	73	74

2. For biocontrols or pesticides not listed in Respondent Booklet, specify—

Line	Pesticide Type (Herbicide, Insecticide, Fungicide, etc.)	EPA No. or Trade Name and Formulation	Form Purchased (Liquid or Dry)	Where Purchased (Ask only if EPA No. cannot be reported)

Applications Codes for Column 9

- | | |
|---|----------------------------------|
| 1 Broadcast, ground without incorporation | 6 Chiseled/injected or knifed in |
| 2 Broadcast, ground with incorporation | 7 Banded in or over row |
| 3 Broadcast, by aircraft | 8 Foliar or directed spray |
| 4 In seed furrow | 9 Spot treatments |
| 5 In irrigation water | |

L I N E	9	10	11	12	13	14	
	How was this product applied? [Enter code from above.]	Was this applied using variable rate technology (VRT)? Yes = 1 No = 3	How many acres in the selected field were treated with this product? Acres	How many times was it applied? Number	Were these applications made by– 1 Operator, partner, or family member? 2 Custom applicator? 3 Employee/Other?	What was the cost per unit of the product? Dollars & Cents Per Unit	
							Unit Code 1 Pounds 15 Liquid Ounces 12 Gallons 28 Dry ounces 13 Quarts 30 Grams 14 Pints
01	76	83	77	79	80	81	82
02	76	83	77	79	80	81	82
03	76	83	77	79	80	81	82
04	76	83	77	79	80	81	82
05	76	83	77	79	80	81	82
06	76	83	77	79	80	81	82
07	76	83	77	79	80	81	82
08	76	83	77	79	80	81	82
09	76	83	77	79	80	81	82
10	76	83	77	79	80	81	82
11	76	83	77	79	80	81	82
12	76	83	77	79	80	81	82
13	76	83	77	79	80	81	82
14	76	83	77	79	80	81	82

3. Were any chemicals, biocontrols, or pesticides applied by custom applicators?..... Yes=1 No=3 Code
0323
 [If item 3 = 1 ask--. Otherwise go to item 4.]

a. Are you able to report the cost of chemical, biocontrol, and pesticide products and custom application separately?..... Yes=1 No=3 Code
0324
 [If item 3a = 1, ask--]

b. Excluding the cost of the chemical, biocontrol, and pesticide products, how much was spent for custom application of such materials on the selected field? INCLUDE operator, landlord, and contractor costs..... Dollars & Cents per Acre
0331
Total Dollars
0332 OR

4. What was the total cost of all chemical, biocontrol, or pesticide products applied to the selected field? INCLUDE operator, landlord, and contractor costs, defoliants, herbicides, insecticides, fungicides, surfactants, wetting agents, growth regulators, and materials applied before planting and during 2025 fallow period. EXCLUDE seed treatments..... Dollars & Cents per Acre
0334
Total Dollars
0335 OR

a. How much was spent for herbicide products applied to the selected field? INCLUDE operator, landlord, and contractor costs..... Dollars & Cents per Acre
3034
Total Dollars
3035 OR

b. How much was spent for insecticide products applied to the selected field? INCLUDE operator, landlord, and contractor costs..... Dollars & Cents per Acre
3036
Total Dollars
3037 OR

c. How much was spent for fungicide products applied to the selected field? INCLUDE operator, landlord, and contractor costs..... Dollars & Cents per Acre
3038
Total Dollars
3039 OR

Note: If custom applied and the costs for materials can be separated from application costs, include the cost for materials only. Otherwise, report both the material and application costs in item 4.

Now I have some questions about your pest management decisions and practices used on the selected field for the 2026 rice crop. By pests, we mean weeds, insects, and diseases.

[Enumerator Action: Were pesticide applications reported in Section D?]

Yes - Continue No - Go to item 6

- | | | |
|--|---------------|--------------|
| 1. Were weather data used to assist in determining either the need or when to make pesticide applications?..... | Yes=1
No=3 | Code
0800 |
| 2. Were any biological pesticides such as Bt (<i>Bacillus thuringiensis</i>), insect growth regulators, neem or other natural/biological based products sprayed or applied to manage pests in the selected field?..... | Yes=1
No=3 | Code
0801 |
| 3. Were pesticides with different mechanisms of action rotated or tank mixed for the primary purpose of keeping pests from becoming resistant to pesticides?..... | Yes=1
No=3 | Code
0802 |

[Enumerator Action: Were herbicide (pesticide product codes 40000-49999) applications reported in Section D, item 1, column 2?]

Yes - Continue No - Go to item 6

- | | | |
|---|---------------|--------------|
| 4. Were herbicides applied to the selected rice field before weeds emerged?..... | Yes=1
No=3 | Code
0803 |
| 5. Were herbicides applied to the selected rice field after weeds emerged?..... | Yes=1
No=3 | Code
0805 |
| 6. Were records kept for the selected field to track the activity or numbers of weeds, insects, or diseases?..... | Yes=1
No=3 | Code
0823 |
| 7. Did you use published information on infestation thresholds to determine when to take measures to manage pests in the selected field?..... | Yes=1
No=3 | Code
1824 |

8. In 2026, how was the selected field primarily scouted for insects, weeds, diseases, and/or beneficial organisms?.....

1 By deliberately going to the field specifically for scouting activities [Enter code 1 and go to item 9.]

2 By conducting general observations while performing routine tasks [Enter code 2 and go to item 10.]

3 The selected field was not scouted. [Enter code 3 and go to item 13.]

Code
0808

9. Was an established scouting process such as systematic sampling, recording counts, etc. used or were insect traps used in the selected field? EXCLUDE traps checked as part of a boll weevil eradication program.....

Code
Yes=1 0809
No=3

10. Was scouting for pests done in the selected field due to--

- a. a pest advisory warning?.....
- b. a pest development model?.....

Code
Yes=1 0810
No=3

Code
Yes=1 0811
No=3

[If scouted by crop consultant or commercial scout, ask item 11; otherwise go to item 12.]

11. How much was charged for the scouting services for the selected field? INCLUDE operator, landlord, and contractor costs.....	Dollars & Cents per Acre	OR	Total Dollars
	0821		0822

- | | | |
|---|---------------|--------------|
| 12. Were scouting data compared to published information on infestation thresholds to determine when to take measures to manage pests in the selected field?..... | Yes=1
No=3 | Code
0824 |
| 13. Did you use field mapping of previous weed problems to assist you in making weed management decisions?..... | Yes=1
No=3 | Code
0825 |

14. Did you do any of the following other types of pest management for the specific purpose of managing or reducing the spread of pests in the selected field?

	Yes=1 No=3	Code
a. Use the services of a diagnostic laboratory for pest identification or soil plant tissue pest analysis for the selected field?.....		0841
b. Plow down crop residue using conventional tillage?.....		0842
c. Remove/burn down crop residue?.....		0843
d. Rotate crops in the selected field during the past three years?.....		0844
e. Maintain ground covers, mulches, or other physical barriers?.....		0845
f. Choose crop variety because of specific resistance to a certain pest?.....		0846
g. Use no-till or minimum till?.....		0847
h. Plan planting locations to avoid cross infestation of pests?.....		0848
i. Adjust planting or harvesting dates?.....		0849
j. Chop, spray, mow, plow, or burn field edges, lanes, ditches, roadways, or fence lines?.....		0850
k. Clean equipment and field implements after completing field work to reduce the spread of pests?.....		0851
l. Adjust row spacing, plant density, or row directions?.....		0852
m. Have the seed treated for insect or disease control after you purchased the seed for the selected field?.....		0854
n. Maintain a beneficial insect or vertebrate habitat?.....		0855
o. Use a flamer to kill weeds?.....		0857
p. Maintain buffer strips or border rows to isolate rice from non-organic crops or land, or take a buffer harvest?.....		0856
q. Plant earlier or later to avoid weeds?.....		0865

	Yes=1 No=3	Code
15. Were any beneficial organisms, such as insects, nematodes, or fungi, applied or released in the selected field to manage pests?.....		0853
16. Were floral lures, attractants, repellants, pheromone traps, or other biological pest controls used on the selected field?.....		0858

[If item 15 or item 16 = 1, ask—]

a. What were the total materials and application costs for all biological pest controls for the selected field?

INCLUDE

- operator, landlord, and contractor costs
- cost for beneficial organisms, insects, nematodes, and fungi

EXCLUDE biological pesticides previously reported.....

Dollars & Cents
per Acre

0859	_____
------	-------

OR

Total Dollars

0860

17. Was a trap crop, excluding fallow, grown to help manage insects in the selected field?.....	Yes=1	0863
	No=3	
18. Was the selected field left fallow in 2025 to help manage insects on the selected field?.....	Yes=1	0864
	No=3	

19. Were water management practices such as irrigation scheduling, controlled drainage, or treatment of retention water used on the selected field to manage pests or toxin-producing fungi and bacteria?.....	Yes=1	0861
	No=3	
20. Was protection of beneficial organisms a factor in your pest control decisions for the selected field?.....	Yes=1	1765
	No=3	

[If item 20 = 1, continue; otherwise go to item 21.]

a. Did you change timing of, reduce application rate of, or eliminate a pesticide application?....	Yes=1	1766
	No=3	
b. Did you change to an alternative pesticide, biocontrol, or non-pesticide practice?.....	Yes=1	1767
	No=3	

21. Did pests (weeds, insects, pathogens, animals) cause any yield loss on the selected field in spite of your pest control efforts?.....	Yes=1	0827
	No=3	

[If item 21 = 1, ask—]

a. How much yield loss per acre do you think was caused by all pests on the selected field in spite of the management practices you used to reduce those losses?.....	Unit Codes	
	1 Pounds 2 CWT 3 Tons 4 Bushels	
22. If untreated (either with insecticides or resistant seeds), how much yield loss (e.g. bales per acre) do you think insects would most likely cause on the selected field?...	Units per Acre	
	0829	0828
23. If untreated (either with herbicides, tillage, or cultivation), how much yield loss (e.g. bushels per acre) do you think weeds would most likely cause on the selected field?	2672	2673
	0869	0870

Completion Code for Pest Management Data	
1 Incomplete/Refusal	0500

F FIELD OPERATIONS - SELECTED FIELD

1. Including custom operations, I need to list field work performed by machines on the selected field for the 2026 rice crop. Please...

- begin with the first field operation after harvest of the previous crop, including operations for a cover crop established since the previous crop was harvested. If fallow during 2025, list operations starting with fall 2024.
- list the operations in order through harvest and hauling of this crop to storage or first point of sale; and
- maintain the order of tandem hook-ups.

Check List

INCLUDE all field work using machines for—

- Land forming/Levee building
- Tillage
- Preparing for irrigation
- Planting
- Fertilizer & pesticide applications
- Harvesting & hauling to storage or first point of sale

EXCLUDE

- Lime & gypsum/land plaster applications
- Compost & non-commercial manure applications

<p>Codes for Column 5</p> <p>1 You (the Operator)</p> <p>2 Partner</p> <p>3 Unpaid Worker</p> <p>4 Paid Part-time or Seasonal Worker</p> <p>5 Paid Full-time Worker</p> <p>6 Custom Applicator</p>	<p>Office Use Lines in Table</p> <p>0499</p>
--	--

1 L I N E No.	2 S E Q U E N C E No.	3 What operation or equipment was used?	4 [Record machine code from Respondent Booklet.] Code	5 Who was the machine operator? [Enter code from above.] Code	[If column 5 = code 6, skip columns 6 thru 13]	
					6 What was the size or swath of the [machine] used?	7 [Record size unit code.] 1 Feet 2 Row 3 Moldboard bottoms Hauling 4 Pounds 5 Bushels 6 Tons Code
01	87		88	89	90	91
02	87		88	89	90	91
03	87		88	89	90	91
04	87		88	89	90	91
05	87		88	89	90	91
06	87		88	89	90	91
07	87		88	89	90	91
08	87		88	89	90	91
09	87		88	89	90	91
10	87		88	89	90	91
11	87		88	89	90	91
12	87		88	89	90	91
13	87		88	89	90	91
14	87		88	89	90	91
15	87		88	89	90	91
16	87		88	89	90	91
17	87		88	89	90	91
18	87		88	89	90	91

Codes for Column 10	
Tractors 1 Less than 40 HP 2 40 to 99 HP 3 100 to 149 HP 4 150 to 199 HP 5 Greater than or equal to 200 HP	Other Power Source 66 Animal drawn 77 Pick-up truck 99 Self-propelled 301 Single-axle truck 302 Tandem-axle truck 303 Tri-axle truck 304 Semi-truck 305 Other trucks

1 L I N E	[If column 5 = code 6, skip columns 8 thru 13]					[If column 12 = 1, ask--]	
	8	OR	9	10	11	12	13
	How many acres were covered? EXCLUDE land forming and hauling operations.		How many total hours were spent on land forming and hauling? [Example: backhoes, disk border maker, ditcher, rear mounted blade, trucks, wagons, forklifts, etc.]	What power source was used? [Enter code from above]	What was the fuel type of the tractor? [Record fuel type only if column 10 equals 1-5] 1 Diesel 2 Gasoline 3 LP gas 4 Other	Was this machine (column 4) purchased new in 2026? Yes = 1 No =3	What was the dealer's list price of the machine? [This should be the "sticker price", not including discounts or trade-in values for used machinery]
No.	Acres		Hours	Code	Code	Code	Dollars
01	92		93	94	95	xxxx	xxxx
02	92		93	94	95	xxxx	xxxx
03	92		93	94	95	xxxx	xxxx
04	92		93	94	95	xxxx	xxxx
05	92		93	94	95	xxxx	xxxx
06	92		93	94	95	xxxx	xxxx
07	92		93	94	95	xxxx	xxxx
08	92		93	94	95	xxxx	xxxx
09	92		93	94	95	xxxx	xxxx
10	92		93	94	95	xxxx	xxxx
11	92		93	94	95	xxxx	xxxx
12	92		93	94	95	xxxx	xxxx
13	92		93	94	95	xxxx	xxxx
14	92		93	94	95	xxxx	xxxx
15	92		93	94	95	xxxx	xxxx
16	92		93	94	95	xxxx	xxxx
17	92		93	94	95	xxxx	xxxx
18	92		93	94	95	xxxx	xxxx

OFFICE USE

0400

2. Now I need some additional information about your labor.
Please report the paid and unpaid labor that worked on the selected field to produce the 2026 rice crop.
EXCLUDE labor that was reported for field work performed by machines.

Type of Workers	How many hours did (type of worker) spend on the selected field--		
	1 scouting for weeds, insects and diseases? Hours	2 irrigating? Hours	3 performing other work by hand? Hours
You (the operator)	1101	1102	1103
Partner(s)	1104	1105	1106
Unpaid workers	1107	1108	1109
Paid part-time or seasonal workers EXCLUDE custom and contract labor	1110	1111	1112
Paid full-time workers EXCLUDE custom and contract labor	1113	1114	1115

3. What was the average hourly wage rate paid to part-time or seasonal hired workers on the selected field? Part-time workers are defined as those who worked for wages or salaries for less than 30 hours a week on average. EXCLUDE custom and contract workers, payroll taxes and benefits.....

Dollars & Cents per Hour	OR	Total Dollars per Week	AND	Number of Hours Worked Each Week
1119 . ____		2119		3119

4. What was the average hourly wage rate paid to full-time hired workers on the selected field? EXCLUDE custom and contract workers, payroll taxes and benefits.....

Dollars & Cents per Hour	OR	Total Dollars per Week	AND	Number of Hours Worked Each Week
1118 . ____		2118		3118

5. Was any contract labor used on the selected field?.....

Yes=1	No=3	Code
		1116

[If item 5 = 1, ask--]

- a. What was the average cost per acre for this contract labor? INCLUDE operator, landlord, and contractor costs.....

Dollars & Cents per Acre
1117 . ____

6. What percent of the total number of unpaid hours worked on the selected field was performed by workers under 16 years of age? Estimates of labor costs for unpaid workers are based on off-farm wage rates, which are different for workers under 16 relative to those 16 and older.....

Percent
1120

7. Now I need some information on how much was spent or will be spent for custom services used on the selected field for the 2026 rice crop.

1 Custom Service	2
Which of the following services were performed for the 2026 rice crop on the selected field? [Check box for each service performed; refer to item 1 if necessary.]	Including operator, landlord, and contractor costs, how much was spent for [column 1] on the selected field for the 2026 rice crop? Dollars & Cents per Acre
<input type="checkbox"/> a. Custom land preparation, shaping and/or leveling?	1121 _____
<input type="checkbox"/> b. Custom cultivating?	1122 _____
<input type="checkbox"/> c. Custom planting and/or reseeding?	1123 _____
<input type="checkbox"/> d. Custom harvesting?	1124 _____
<input type="checkbox"/> e. Custom hauling to storage or point of first sale? (_____ x _____ ÷ _____ = _____ (Dollars & cents per unit x Total units hauled from field ÷ Acres harvested in field = Dollars & cents per acre)	1126 _____
<input type="checkbox"/> f. Custom harvesting and hauling from field to storage or point of first sale? (_____ x _____ ÷ _____ = _____ (Dollars & cents per unit x Total units hauled from field ÷ Acres harvested in field = Dollars & cents per acre)	1127 _____
<input type="checkbox"/> g. Custom raking, baling, and hauling the straw from the selected field? (_____ x _____ ÷ _____ = _____ (Dollars & cents per unit x Total units hauled from field ÷ Acres harvested in field = Dollars & cents per acre)	1128 _____

8. Is laser leveling ever performed on the selected field?.....

Code
1153
Yes=1
No=3

[If item 8 = 1, ask--]

a. On average, how many years are there between laser leveling operations performed on the selected field?.....

Years
1142

9. Was the rice harvested and hauled from the selected field dried or will be dried before being sold or stored?.....

Code
1195
Yes=1
No=3

10. Did you hire or receive any technical or consultant services to make recommendations such as for nutrient, pest control, irrigation, or precision farming for the selected field?.....

Code
1196
Yes=1
No=3

[If item 10 = 1, continue; otherwise go to item 14.]

11. Which of the following technical or consultant services did you obtain to make recommendations for the selected field?

	Code
a. Nutrient recommendations/management service?.....	Yes=1 1129 No=3
b. Soil or tissue sample collection?.....	Yes=1 1130 No=3
c. Pest control recommendations/management service?.....	Yes=1 1131 No=3
d. Pest scouting?.....	Yes=1 1132 No=3
e. Irrigation management service (i.e. irrigation scheduling)?.....	Yes=1 1133 No=3
f. Yield map or remote sensing map development/interpretation?.....	Yes=1 1134 No=3
g. Other custom or technical service? [Specify: _____].....	Yes=1 1135 No=3

[If any item in 11a-g = 1, continue. Otherwise, go to item 14.]

	Code
12. Were any of the technical or consultant services listed in item 11a-g provided to you at no cost or were partially reimbursed by the Natural Resources Conservation Service?.....	Yes=1 4046 No=3

13. What was the cost for all of these services? INCLUDE operator, landlord, and contractor costs. EXCLUDE cost of soil/tissue tests or scouting cost reported earlier. Do not report costs for any of these services if they were previously reported as part of the cost of materials and/or application.....

Dollars & Cents per Acre	OR	Total Dollars
1136 .__ __		1137

14. Please report the precision agriculture technologies you used on the selected field in 2026 to produce this crop.

1 Precision Agriculture Tool	2 Was this tool used on the selected field? Yes = 1 No = 3	[If column 2 = code 3, skip columns 3 thru 5]		
		3 Are data from this tool used to create a map? Yes = 1 No = 3	4 What is the replacement cost for this tool? Total Dollars	5 What is the annual fee for using this tool? ^{1/} Total Dollars
a. Yield monitor	2461	2463	2570	2571
b. Soil tests on core sample (performed on-farm or sent out to a laboratory)	2464	2466	2572	2573
c. Soil sensor tests	2467	2469	2574	2575
d. Hard-wired crop condition sensors	2470	2472	2576	2577
e. Wireless crop condition sensors	2473	2475	2578	2579
f. Aircraft or satellites	2455	2447	2448	2449
g. Drones or Unmanned Aerial Vehicles (UAV)	2476	2478	2580	2581
h. Unmanned crop robots (e.g., Greenfield Botony™)	xxxx	xxxx	xxxx	xxxx
i. Targeted herbicide sprayers (e.g., John Deere See & Spray™)	xxxx	xxxx	xxxx	xxxx

^{1/} INCLUDE custom service fees, data subscriptions, and online tool subscriptions.

[If item 14a column 2 = 1, continue; otherwise go to item 16.]

15. Did you use the yield monitor information to--

	Code
a. add/improve tile drainage?.....	Yes=1 1141 No=3
b. negotiate new crop leases?.....	Yes=1 1144 No=3
c. help determine chemical input use?.....	Yes=1 1143 No=3

[If any of item 14 column 2 = 1, continue; otherwise go to item 19]

	Code
16. Using data collected from the previous tools table in item 14, did you obtain crop management recommendations, such as data interpretation, in 2026 for the selected field.....	Yes=1 xxxx No=3

[If item 16a = 1, ask--]

	Dollars & Cents per Acre	OR	Total Dollars
a. What was the cost for these services? INCLUDE operator, landlord and contractor costs. EXCLUDE costs for any of this equipment if it was previously reported as part of the costs of materials and/or application.....	3150		3151

[If item 14g column 2 = 1, ask--]

17. In the selected field, did you use the UAV for any of the following purposes?

	Code
a. Weed analysis?.....	Yes=1 3161 No=3
b. Yield analysis?.....	Yes=1 3165 No=3
c. Moisture analysis?.....	Yes=1 3166 No=3

[If item 14j column 2 = 1, ask--]

18. In the selected field, did you use crop robots (e.g. Greenfield Botony™, Carbon Robotics LaserWeeder) for any of the following purposes?

	Code
a. Scouting for pests?.....	Yes=1 xxxx No=3
b. Soil sampling?.....	Yes=1 xxxx No=3
c. Spraying pesticides?.....	Yes=1 xxxx No=3
d. Mechanical weeding?.....	Yes=1 xxxx No=3
e. Laser weeding?.....	Yes=1 xxxx No=3

19. Was any of the following GPS-enabled (Global Positioning System) equipment used to produce rice on the selected field in 2026?

	Code
a. Mounted in-cab heads-up displays?.....	Yes=1 2155 No=3
b. Smart phones or computer tablets?.....	Yes=1 2156 No=3
c. Automatic section control, such as auto sprayer boom controls or automatic section shut offs?.....	Yes=1 2165 No=3
d. RTK (real-time kinematic) satellite correction for improved GPS accuracy?.....	Yes=1 xxxx No=3

[If any of items 19a-d = 1, continue. Otherwise go to item 21.]

20. If any GPS-enabled equipment was used, what was the cost to purchase and install all GPS-enabled equipment, not including guidance auto-steering equipment? INCLUDE cost for GPS receiver; annual GPS subscription fee; and operator, landlord, and contractor costs. EXCLUDE costs for any of this equipment if it was previously reported as part of the costs of materials and/or application, and guidance auto-steering costs.....

	Dollars & Cents per Acre	OR	Total Dollars
	2166		2167
	. _ _		Code

21. Were any automated guidance systems (e.g. auto steer), excluding Light Bar, used on the selected field?.....

	Yes=1		2148
	No=3		Code

[If item 21 = 1, ask--]

a. Was the automated guidance system.....

	1 New, owned? 2 Used, owned? 3 Leased?		Code
			2158
			Year

b. What year was the automated guidance system first purchased?.....

	2159
	_ _ _ _

c. What is the replacement cost for the automated guidance system?.....

	Dollars & Cents per Acre	OR	Total Dollars
	2160		2161
	. _ _		Code

d. What is the annual fee for the automated guidance system?.....

	2162	OR	2163
	. _ _		Code

e. Was a fully autonomous tractor (e.g., John Deere 8R/9R model) used on the selected field?.....

	Yes=1		xxxx
	No=3		Code

22. Was a variable rate applicator used on the selected field?.....

	Yes=1		2164
	No=3		Code

[If item 22 = 1 continue; otherwise go to item 23.]

Please report the variable rate applicator types you used on the selected field to produce the rice in 2026. If a particular row's variable rate applicator was not used, leave that row blank.

1 Was a variable rate applicator used on the selected field for--	2 Tool Used Yes=1 No=3	4 Was this applicator-- 1 New, owned 2 Used, owned 3 Leased Code	5 What year was the applicator first used? Year	6 What was the premium paid for the applicator? Total Dollars
a. seeding.....	1158	2171	2172	2173
b. fertilizer/lime applications.....	1152	2175	2176	2177
c. pesticide applications.....	1159	2179	2180	2181
d. irrigation applications.....	1197	2183	2184	2185

23. Did you use conversational artificial intelligence, such as chatbots (e.g., ChatGPT, Google Gemini, Microsoft Copilot™), to help make management decisions for this rice field in 2026?.....

	Yes=1		xxxx
	No=3		Code

24. Do you or does your operation own a drone/UAV? INCLUDE any drone used on any part of the farm business or for non-farm personal use.....

	Yes=1		xxxx
	No=3		Code

Acres

1160	_____
------	-------

1. How many acres in the selected field were irrigated for the 2026 rice crop?.....

[If none, go to Conclusion]

2. Now I have some questions about the irrigation system and water that covers the most acres on the selected field for the 2026 rice crop.

	Unit	System
a. What type of irrigation system was used to irrigate the selected field? [Show System Type Codes in the Respondent Booklet. Enter System Type Code for system that applied the most water.].....	System Type Code	1161
b. What was the total quantity of water applied to the selected field during the entire growing season? INCLUDE all water used from both on-farm and off-farm sources and applied by any irrigation system.....	Inches per Acre	1162
	OR Total Acre Feet	1163

[If operator cannot provide item 2b, ask items i and ii. Otherwise go to item 2c.]

i. What is the total number of hours this system was used to apply water to the selected field during the rice growing season?.....	Total Hours	1164
ii. How many gallons per minute were applied?.....	Gallons per Minute	1165
c. What percent of the water used to irrigate the selected field through this system came from surface water sources?.....	Percent	1166
d. What was the number of times the selected field was irrigated during the rice growing season using any system? INCLUDE any pre-plant irrigation.....	Number of Irrigations	1167

e. What was the pump type? [If more than one pump in the system, enter type for pump closest to water source.].....

- | |
|---------------|
| 1 Turbine |
| 2 Submersible |
| 3 Centrifugal |
| 4 Booster |
| 5 Siphon |
| 99 No Pump |

[If code 99, go to item j.].....

Code	1168
------	------

f. What was the average pumping rate?.....

Gallons per Minute	1169
--------------------	------

[If item 2a = code 1-9 (Pressure System), ask--]

g. What was the system operating pressure?.....

Pounds per Square Inch	1170
------------------------	------

h. What was the primary motor type used to pump the water?.....

- | |
|---------------|
| 1 Diesel |
| 2 Gasoline |
| 3 LP Gas |
| 4 Natural Gas |
| 5 Electricity |
| 6 Solar Power |

Code	1171
------	------

i. What was the average motor size?.....

Horsepower	1172
------------	------

[If item 2e = 99, ask--]

j. What was the average flow rate?.....

Gallons per Minute	1173
--------------------	------

k. How many other acres on this operation were irrigated using the selected field's irrigation system during the 2026 growing season? EXCLUDE the selected field.....

Acres	1174

3. What was the cost of the fuel or electricity used to irrigate the selected field? INCLUDE operator, landlord, and contractor costs.....

Dollars & Cents per Acre	1189	OR	Total Dollars	1190
-----------------------------	------	----	---------------	------

4. Was any water purchased to irrigate the selected field? INCLUDE landlord's share and purchases from all sources.....

Code	1191
------	------

Yes=1
No=3

[If item 4 = 1, continue; otherwise go to item 5.]

a. What was the total cost for the water purchased for the selected field during the 2026 growing season? INCLUDE operator, landlord, and contractor costs and ditch maintenance costs for the selected field.....

Dollars & Cents per Acre	1193	OR	Total Dollars	1194
-----------------------------	------	----	---------------	------

[If siphon tubes were used, item 2a = 10 or 11, ask--]

5. What would be the total cost to replace all the siphon tubes used on the selected field?.....

Total Dollars	1201
---------------	------

[If poly pipe system was used, item 2a = 14, ask--]

6. What was the total amount spent for poly pipe used on the selected field during the 2026 growing season? INCLUDE operator, landlord, and contractor costs.....

Total Dollars	1202
---------------	------

[If gated pipe system was used, item 2a = 15 or 16, ask--]

7. What was the average diameter of gated pipe used to irrigate the selected field?.....

Inches	1203
--------	------

a. What was the total length of gated pipe used?.....

Feet	1204
------	------

8. Were wells used to supply irrigation water for the selected field?.....

Code	1205
------	------

Yes=1
No=3

[If item 8 = 1 continue. Otherwise go to item 9.]

a. How many wells were used to irrigate the selected field?.....

Number	1206
--------	------

b. What was the average diameter of the outer well casing?.....

Inches	1207
--------	------

c. What was the average pumping depth of these wells during the irrigation season? Pumping depth is the depth to water at the start of the irrigation season, plus an average decline in the water level caused by pumping during the irrigation season.....

Feet	1208
------	------

d. Were other fields irrigated using water pumped from wells that supplied water to the selected field?.....

Code	1210
------	------

Yes=1
No=3

[If item 8d = 1, continue; otherwise go to item 9.]

e. Excluding the selected field, how many other acres on this operation were irrigated using the same wells during the 2026 growing season?.....

Acres	1211
-------	------

9. Was any additional mainline or lateral pipe used to carry water from the source to the system in the selected field? INCLUDE underground pipe. EXCLUDE any system pipe within the selected field.....

	Code
Yes=1	2211
No=3	

[If item 9 = 1 continue; otherwise go item 10.]

a. What was the average diameter in inches of the most common type of this additional pipe used?....

Inches
1212

b. How many feet of this additional pipe were used to bring water to the selected field?.....

Feet
1213

10. Did you reduce the water applied to the selected field in 2026 due to reduced availability of water supplies?.....

	Code
Yes=1	1220
No=3	

11. Which of these water management approaches best describes the irrigation water management on the selected field?.....

- 1 Permanent flooding
- 2 Pinpoint flooding
- 3 Delayed flooding
- 4 Intermittent, controlled, or alternate wetting and drying (AWD) irrigation
- 5 Furrow, or raised bed irrigation
- 6 None of the above

Code
1221

12. Is the run-off from this field--.....

- 1 Reused to irrigate on the farm?
- 2 Collected in evaporation ponds on the farm?
- 3 Drained from the farm?
- 4 There is no run-off

Code
1222

13. Which of the following approaches are used to manage drainage of this field?

a. Natural drying of the field when weather allows.....

	Code
Yes=1	1230
No=3	

b. Opening of levee gates or intentional breach of levee.....

Yes=1	1231
No=3	

c. Controlled drainage outlet.....

Yes=1	1232
No=3	

d. Treatment of drainage water with saturated buffers, filter strips, or constructed wetlands.....

Yes=1	1233
No=3	

e. Treatment of drainage water with a bioreactor.....

Yes=1	1234
No=3	

CONCLUSION

Location of Selected Field

I need to locate the selected field of rice on this map.

1. What county is the selected rice field in?.....

County Name	Office Use State County FIPS Code
	0010 _ _ _ _ _

a. Field location.....

LATITUDE	LONGITUDE
9854 _ _ . _ _ _ _ _ <i>decimal</i>	9855 _ _ _ . _ _ _ _ _ <i>decimal</i>

[Enumerator Action: Use the iPad app to find the coordinates for the center of the selected field. Confirm with the operator using aerial imagery that this is the correct field.]

We will need additional information to complete this study. We will contact you in February or March 2027 to collect it. I will call you then to set up a time that is good for you.

2. Ending time.....

Office Use Only				
Ending Time (Military)		OR	Total Time	
Hours	Minutes		Hours	Minutes
0005		0008		

Records Used

3. [Did respondent use farm/ranch records to report—]

	Code		Code		Code
[fertilizer data].....	Yes=1 No=3	0011	[pesticide data].....	Yes=1 No=3	0012
			[majority of this expense data?].....	Yes=1 No=3	0013

Supplements Used

4. [Record the total number of each type of supplement used to complete this interview.]

	Number		Number		Number
Fertilizer Supplement.....	0041	Pesticide Supplement.....	0042	Field Operations.....	0043

Contact Information

Operator Email:		Operator Phone:	
9929	Check to receive results by email <input type="checkbox"/>	9918 () _____	Check if cell phone <input type="checkbox"/>
Operation Email: (if different from above)		Operation Phone: (if different from above)	
9937	Check to receive results by email <input type="checkbox"/>	9936 () _____	Check if cell phone <input type="checkbox"/>
Respondent Name:		Respondent Phone (if different from above)	
9912	9911 () _____	Check if cell phone <input type="checkbox"/>	9910 MM DD YY Date: ____ ____ ____

This completes the survey. The results will be available on the release date at nass.usda.gov/results
Thank you for your help.

OFFICE USE									
R. Unit	Ptr 1 Str	Ptr 2 Str	Ptr 3 Str	Ptr 4 Str	OPS	SSO 1	ADJ	Optional Use	
9921	9922	9923	9927	9928	923	9907	922	9906	9916
Response		Respondent		Mode		Enum.	POID		
1-Comp 2-R 3-Inac 4-Office Hold	9901	1-Op/Mgr 2-Spouse 3-Acct/Bkpr 4-Partner 9-Other	9902	2-PATI (tel) 3-PAPI (Face-to-Face)	9903	9998	9989		

							Eval.	Change	
							9900	9985	