



**NATIONAL AGRICULTURAL RESOURCE MANAGEMENT STUDY**  
**STATISTICS SERVICE**  
**RICE PRODUCTION PRACTICES and COSTS REPORT**  
**for 2000**

Form Approved  
 O.M.B. Number 0535-0218  
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 Project Code 906  
 Phase II

U.S. Department of Agriculture  
 Rm 5805, South Building  
 1400 Independence Avenue, S.W.  
 Washington, D.C. 20250-2000

VERSION <b>2</b>	ID _____	TRACT <b>01</b>	SUBTRACT _____	T-TYPE <b>0</b>	TABLE <b>000</b>	LINE <b>00</b>
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**CONTACT RECORD**

DATE	TIME	NOTES

R CODES	
3 - COMPLETE	0910
5 - OUT OF SCOPE	
8 - REFUSAL	
9 - INAC./INCOMPL.	
OPTIONAL	0002
OPTIONAL	0003

**INTRODUCTION**  
*[Introduce yourself, and ask for the operator. Rephrase in your own words.]*

We are collecting information on practices and costs to produce rice and need your help to make the information as accurate as possible. Authority for collection of information on the Rice Production Practices and Costs Report is Title 7, Section 2204 of the U.S. Code. This information will be used for economic analysis and to compile and publish estimates for your region and the United States. Response to this survey is confidential and voluntary.

We encourage you to refer to your farm records during the interview.

**BEGINNING TIME** **H H M M**  
 [MILITARY]

**SCREENING BOX**

**[ENUMERATOR NOTE: If Screening box is code 1, complete the Screening Supplement. If Screening box is not coded, begin with Section A.]**

**OFFICE USE**  
 Completion Code   
 3 = ZERO TARGET

[Name, address and partners verified and updated if necessary.]

<b>POID</b> _____	<b>POID</b> _____
<i>PARTNER NAME</i>	<i>PARTNER NAME</i>
<i>ADDRESS</i>	<i>ADDRESS</i>
<i>CITY STATE ZIP PHONE NUMBER</i>	<i>CITY STATE ZIP PHONE NUMBER</i>
<b>POID</b> _____	<b>POID</b> _____
<i>PARTNER NAME</i>	<i>PARTNER NAME</i>
<i>ADDRESS</i>	<i>ADDRESS</i>
<i>CITY STATE ZIP PHONE NUMBER</i>	<i>CITY STATE ZIP PHONE NUMBER</i>

# RICE FIELD SELECTION

**A**

**A**

1. **How many acres of rice did this operation plant for the 2000 crop year?**

[> If no acres planted, review Screening Survey Information Form.  
Make notes, then go to item 4 on back page.]

**TOTAL  
PLANTED ACRES**

0019
------

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

- a. Long grain? .....
- b. Medium grain? .....
- c. Short grain? .....

ACRES	NUMBER OF FIELDS
2000 • _____	2001
2002 • _____	2003
2004 • _____	2005

[Total must equal  
item 1.]

2. **How many of the total [item 1] rice acres were--**

- a. owned by this operation? .....
- b. rented for CASH? .....
- c. SHARE rented? .....
- d. used RENT-FREE? .....

ACRES
2006 • _____
2007 • _____
2008 • _____
2009 • _____

[Total must equal  
item 1.]

3. I will follow a simple procedure to make a random selection from the rice fields planted for the 2000 crop.

**What is the TOTAL number of rice fields that were planted on this operation?** .....

**TOTAL NUMBER OF  
FIELDS PLANTED**

0020
------

[If only 1 field, enter 1  
and go to item 5.]

4. **Please list these fields according to identifying name/number or describe each field. Then I will tell you which field has been selected.**

- > [If there are more than 18 fields make sure item 3 is **TOTAL** fields planted, and list only the 18 fields closest to the operator's permanent residence.
- > If respondent is unable to identify or describe the fields, use the Field Selection Grid Supplement. ]

**FIELD NAME, NUMBER OR DESCRIPTION**

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

6 \_\_\_\_\_

7 \_\_\_\_\_

8 \_\_\_\_\_

9 \_\_\_\_\_

**FIELD NAME, NUMBER OR DESCRIPTION**

10 \_\_\_\_\_

11 \_\_\_\_\_

12 \_\_\_\_\_

13 \_\_\_\_\_

14 \_\_\_\_\_

15 \_\_\_\_\_

16 \_\_\_\_\_

17 \_\_\_\_\_

18 \_\_\_\_\_

# RICE FIELD SELECTION

**APPLY "RANDOM NUMBER" LABEL HERE**

5. **[ENUMERATOR ACTION:**

*Circle the pair of numbers on the above label associated with the last numbered field in item 4.  
 Select the field according to the number you circled on the label, and record the selected number.  
 If only 1 field, enter 1.]* .....

**SELECTED FIELD NUMBER**

0021

6. **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.]*

**B FIELD CHARACTERISTICS---SELECTED FIELD**

1. How many acres of rice did this operation plant in this field for the 2000 crop? ..... **ACRES**  
 2010

2. Were the acres in this field-- .. **CODE**  
 1 owned by this operation?  
 2 rented for CASH?  
 3 SHARE rented?  
 4 used RENT-FREE? ..... 2011

3. [If field is CASH RENTED, ask--] **DOLLARS & CENTS PER ACRE**  
 What was the cash rent paid per acre for this 2000 rice crop? ..... 2012

4. [If field is SHARE RENTED, ask--.] **PERCENT**  
 What was the landlord's share of the crop from this field? ..... 2013

5. What year did you start operating this field? ..... **YEAR**  
 2014

a. Do you EXPECT to be operating this field for the next 5 years (through the 2005 crop year)? ..... **CODE**  
 YES = 1 2015

6. What type of rice was planted on this field? ..... **CODE**  
 1 Long  
 2 Medium  
 3 Short ..... 2016

7. On what date was this field planted? ..... **MM DD YY**  
 2017

10. What was the seeding rate per acre the first time this field was seeded? ..... **POUNDS PER ACRE**  
 2019

a. What method of seeding did you use on this field? ..... **CODE**  
 1 Water seeded (airplane)  
 2 Drilled (dry)  
 3 Airplane (dry)  
 4 Other, Broadcast (dry) ..... 2022

11. How many acres in this field had to be reseeded to rice? ..... **ACRES**  
 (Number of acres times the number of times reseeded.) ..... 2023

12. Was the source of the rice seed-- .. **CODE**  
 1 Purchased?  
 2 Homegrown or traded?  
 3 Both? ..... 2024

**B FIELD CHARACTERISTICS---SELECTED FIELD**

13. [If any seed homegrown or traded (item 12 not equal 1), ask--]  
**How much of the rice seed planted in this field was grown (or received in trade) by this operation?** . . . . .

PERCENT OR 2025	TOTAL POUNDS 2026
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14. **What was the cost per unit for cleaning and treating this seed?** . . . . .  
 (Include landlord's share)

DOLLARS & CENTS PER POUND 2027
--------------------------------------

a. [Note: If no cost for cleaning and treating seed, explain: \_\_\_\_\_]

OFFICE USE 0228
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15. **Seed varieties offer several benefits.**

**Did you choose the rice variety used on this field primarily for--**

- 1 Increased yield?
- 2 Disease resistance?
- 3 Insect resistance?
- 4 Premium Quality Market?
- 6 Not chosen for any of above reasons

CODE 2029
--------------

16. **Was a hybrid rice seed (for example, Ricetec, XL6, etc.) planted in this field?** . . . . . YES = 1

CODE 2030
--------------

17. [If any seed purchased (item 12=1 or 3), ask--]

**What was the total cost per unit (including both your and the landlord's share) of purchased seed for this field?**  
 (Include cost of seed treatment.) . . . . .

DOLLARS & CENTS PER UNIT 2031	UNIT CODE 1=POUNDS 2=CWT 4=BUSHEL 22=ACRE 23=50 LB BAG 2032
-------------------------------------	---

21. **Has harvest of this field been completed?** . . . . . YES = 1

CODE 2037
--------------

22. **Now I need information about the acres harvested (or to be harvested) and the yields from this field.**

	1 ACRES	2 What yield per acre did you get (do you expect to get) for-- UNITS PER ACRE	3 UNIT CODES 1=POUNDS 2=CWT 3=TONS 4=BUSHEL 5=BARRELS
<b>How many acres in the rice field ere (will be)--</b>			
a. harvested for grain, first crop? . . . . .	2038 • ____	2039 • ____	2040
b. harvested for grain, ratoon crop? . . . . .	2041 • ____	2042 • ____	2043
c. harvested for seed for planting? . . . . .	2044 • ____	2045 • ____	2046
d. abandoned? . . . . .	2047 • ____		
e. used for some other purpose? . . . . .	2048 • ____		

**B FIELD CHARACTERISTICS---SELECTED FIELD**

[Read entire list.]

23. If any rice acres were NOT harvested for grain or seed, what was the most important reason for this decision--

- 1 Weather
- 2 Weeds?
- 3 Insects?
- 4 Disease?
- 5 Other?

CODE

2049

CROP CODE LIST for item 26 PREVIOUSLY PLANTED CROP was--			
1 Alfalfa hay	196 Tobacco, flue cured	16 Peanuts	26 Soybeans
11 Hay, all other	193 Tobacco, burley	17 Dry Peas	28 Sugarbeets
190 Barley	281 Cotton, Upland	20 Potatoes	30 Sunflowers
3 Dry Beans	282 Cotton, Pima	21 Rice	142 Vegetables
85 Canola	302 CRP	22 Rye	163 Wheat, durum
310 Clover	311 Grasses other than clover	98 Safflower	164 Wheat, other spring
6 Corn for grain	94 Mustard	25 Sorghum for grain	165 Wheat, winter
5 Corn for silage	15 Oats	24 Sorghum for silage	318 <i>No crop planted during this period</i>
	31 Sweetpotatoes		

26. Next I need to know what crops were previously PLANTED on this field, including cover crops.

1 What crop was PLANTED on this field in--			2 Was this crop irrigated? YES = 1
	CROP NAME	CROP CODE	
a. FALL of 1999? .....		2052	2053
b. SPRING/SUMMER of 1999? ..		2054	2055
c. FALL of 1998? .....		2056	2057
d. SPRING/SUMMER of 1998? ..		2058	2059
e. FALL of 1997? .....		2060	2061
f. SPRING/SUMMER of 1997? ..		2062	2063

30. In 2000, did you receive technical assistance for planning, installing, maintaining, or using conservation practices or systems on this field?

(Include grassed waterways and filter strips or riparian buffers on or adjoining this field. Include assistance from any source whether paid for or free.)

YES = 1

2081

31. In 2000, did you (or will you) receive cost-sharing or incentive payments for conservation practices on this field [Be sure to consider grassed waterways and filter strips or riparian buffers on or adjoining this field.]?

(Include payments received from any source by either the owner or operator. Exclude rental payments for keeping the land in these practices.)

YES = 1

2082

**B FIELD CHARACTERISTICS---SELECTED FIELD**

32. During 2000, did any formal plan of the following types cover this field and, if so, in what year was the plan implemented? <i>("Formal plan" is a written plan prepared in accordance with Federal, State, or Conservation district standards.)</i>	CODE	YEAR IMPLEMENTED
a. Conservation plan specifying practices to reduce soil erosion? . . . YES=1	2083	2084
b. Comprehensive nutrient management plan specifying practices for applying both fertilizer and manure? . . . YES=1	2085	2086
c. Nutrient management plan specifying practices for land application of manure only? . . . YES=1	2087	2088
d. Pest management plan specifying pesticide use and/or other practices for controlling weeds, insects, or plant disease? . . . YES=1	2089	2090
e. Irrigation water management plan specifying practices for applying or conserving irrigation water? . . . YES=1	2091	2092

**33. Was the rice crop on this field covered by Crop Insurance in 2000?**

<input type="checkbox"/> <b>YES</b> - [Enter code 1 and continue.] . . . YES=1	<b>CODE</b> <div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 0 auto;">2093</div>
<input type="checkbox"/> <b>NO</b> - [Go to <b>Section C</b> .]	

If YES, which coverages did you obtain?  
[Enter code for all that apply.]

a. <b>Basic catastrophic insurance</b> (Federal CAT) bought for a flat fee and protects against crop loss greater than 50% of average yield, at 55% of the price. . . YES=1	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 0 auto;">2094</div>
b. <b>Buy-up on Basic Federal CAT</b> for higher levels of yield and price protection (such as 65% of yield and 100% price). . . YES=1	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 0 auto;">2095</div>
c. <b>Federal Revenue insurance</b> include Income Protection (IF), Crop Revenue Coverage (CRC), and Revenue Assurance (RA). . . YES=1	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 0 auto;">2096</div>
d. <b>Other Federal Crop insurance</b> (Group Risk Plan, Adjusted Gross Revenue, Group Risk Income Protection, etc.) . . . YES=1	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 0 auto;">2097</div>
e. <b>Other Private Crop insurance</b> (Hail, wind, freeze, etc.) . . . YES=1	<div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 0 auto;">2098</div>

**C FERTILIZER and NUTRIENT APPLICATIONS---SELECTED FIELD C**

1. Were commercial FERTILIZERS applied to this field for the 2000 rice crop? . . . . . YES=1

CODE	EDIT TABLE
2099	0201

2. [If COMMERCIAL fertilizers were applied, continue, else go to item 7.]

3. How many trips were made across this field to apply commercial fertilizers for the 2000 crop (include applications made by airplanes and commercial applicators)? . . . . .

NUMBER
2100

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

CHECK LIST		
INCLUDE	EXCLUDE	
<input type="checkbox"/> Custom applied fertilizers	<input type="checkbox"/> Micronutrients	
<input type="checkbox"/> Fertilizer applied in the fall of 1999 and those applied earlier if this field was fallow in 1999	<input type="checkbox"/> Unprocessed manure	
<input type="checkbox"/> Commercially prepared manure	<input type="checkbox"/> Fertilizer applied to previous crops in this field	

T-TYPE	TABLE
2	001
LINE 99	OFFICE USE LINES IN TABLE 0213

LINE	2 → → → MATERIALS USED			3 What quantity was applied per acre? <small>[Leave this column blank if actual nutrients were reported.]</small>	4 [Enter material code.]	5 When was this applied?	6 How was this applied?	7 How many acres were treated in this application?  ACRES
	N Nitrogen	P <sub>2</sub> O <sub>5</sub> Phosphate	K <sub>2</sub> O Potash					
01	0205	0206	0207	0208	0209	0210	0211	0212 . ___
02	0205	0206	0207	0208	0209	0210	0211	0212 . ___
03	0205	0206	0207	0208	0209	0210	0211	0212 . ___
04	0205	0206	0207	0208	0209	0210	0211	0212 . ___
05	0205	0206	0207	0208	0209	0210	0211	0212 . ___
06	0205	0206	0207	0208	0209	0210	0211	0212 . ___
07	0205	0206	0207	0208	0209	0210	0211	0212 . ___
08	0205	0206	0207	0208	0209	0210	0211	0212 . ___

T-TYPE 0	TABLE 000	LINE 00
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**C FERTILIZER and NUTRIENT APPLICATIONS---SELECTED FIELD**

T-TYPE <b>0</b>	TABLE <b>000</b>	LINE <b>00</b>
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5. **Not including the cost of fertilizer materials, how much was spent for CUSTOM APPLICATION of fertilizers on this field for the 2000 rice crop?**

*(Include landlord costs.  
Exclude custom application of lime, gypsum & purchased manure.)  
[If material and application costs can't be separated,  
exclude them here and record the total in item 6.]*

DOLLARS & CENTS  
PER ACRE

2101	•	___
------	---	-----

OR TOTAL DOLLARS

2102
------

6. **What was the TOTAL MATERIALS cost for all fertilizer, soil conditioners, micronutrients, etc. applied to this field for the 2000 rice crop?**

*(Include landlord costs.  
Exclude lime, gypsum and purchased manure.  
If custom applied, include the cost of materials ONLY,  
unless materials and application costs cannot be separated.  
Include materials applied to this field if it was fallow in 1999.)*

DOLLARS & CENTS  
PER ACRE

2103	•	___
------	---	-----

OR TOTAL DOLLARS

2104
------

**UNIT CODES**  
1=POUNDS  
2=CWT.  
4=BUSHEL  
5=BARRELS

UNITS PER ACRE

7. **What was your yield goal (or expected yield) for this field?**  
*(Exclude ratoon crop.)*

2106	•	___
------	---	-----

2107
------

a. If you have a ratoon crop, what average yield per acre do you EXPECT from this field?

2108	•	___
------	---	-----

2109
------

8. **Was a soil test for phosphorus performed on this rice field in 1999 or 2000 for the 2000 crop?**

a. *[If phosphorus test done, ask--]*

YES = 1

CODE

2110
------

**How many pounds of phosphorus (per acre) were recommended (by the phosphorus test)?**

POUNDS PER ACRE

2111
------

9. **Was a soil test for nitrogen performed on this rice field in 1999 or 2000 for the 2000 crop?**

a. *[If nitrogen test done, ask--]*

YES = 1

CODE

2112
------

**How many pounds of nitrogen (per acre) were recommended (by the nitrogen test)?**

POUNDS PER ACRE

2113
------

10. **[Enumerator Action: Refer to the Fertilizer Table, column 2.**  
*If nitrogen (N) was applied, complete items 11 and 12.*  
*If NO nitrogen applied, skip to item 13.]*

11. **Was the amount of nitrogen you decided to apply to this field based on--**

a. Routine practice (operator's own determination based on past experience, yield goal, etc.)?

YES = 1

CODE

2114
------

b. Results of a soil or plant tissue test?

YES = 1

2115
------

c. Crop consultant recommendation?

YES = 1

2116
------

d. Fertilizer dealer recommendation?

YES = 1

2117
------

e. Extension Service recommendation?

YES = 1

2118
------

f. Cost of nitrogen and/or expected commodity price?

YES = 1

2119
------

C FERTILIZER and NUTRIENT APPLICATIONS---SELECTED FIELD

12. **Did you use any product to slow the breakdown of nitrogen on this field?** CODE  
*(For example a nitrification inhibitor such as N-Serve or a urease inhibitor such as Agrotain)* . . . . . YES = 1

13. Was a **plant tissue test** performed on this field in 1999 or 2000 for the 2000 rice crop? . . . . . YES = 1

14. *[If soil or plant tissue test done, ask--, else go to item 15.]*

**How much was spent for these soil and plant tissue tests on this field?** DOLLARS & CENTS PER ACRE OR TOTAL DOLLARS  
*[Include landlord's costs.]* . . . . .  . \_\_\_\_

(1) **[Note: If tests were done at no cost, explain:** \_\_\_\_\_ **]** OFFICE USE

15. **Is lime ever applied to this field?** . . . . . YES = 1 CODE

a. *[If no lime applied, go to item 16--else continue.]*  
 On average, how many years are there between applications of **lime** to this field? . . . . . YEARS

b. How many tons of **lime** were applied per acre the last time it was applied to this field? . . . . . TONS PER ACRE  
 . \_\_\_\_

c. *[If rented, ask--]*  
 Considering the last time it was applied, what percent of the total cost of lime and its application was paid by the landlord(s)? . . . . . PERCENT

16. **Was sulfur applied to this field for the 2000 crop?** . . . . . YES = 1 CODE

a. *[If sulfur applied, ask--]*  
 How many pounds of sulfur were applied per acre? . . . . . POUNDS PER ACRE  
 . \_\_\_\_

17. **Was gypsum applied to this field for the 2000 crop?** . . . . . YES = 1 CODE

18. **Were micronutrients applied to this field for the 2000 crop?** . . . . . YES = 1 CODE

a. *[If micronutrients applied, ask--]*  
 Did the micronutrients include **zinc**? . . . . . YES = 1

**Enumerator Notes:**

**D PESTICIDE APPLICATIONS---SELECTED FIELD**

1. Including both custom applications and applications made by this operation, let's list all the chemicals used on this field for the 2000 rice crop.

Were any herbicides, insecticides, fungicides or other chemicals used on the rice field for the 2000 crop? . . . . . YES = 1

[Probe for applications made in the fall of 1999 (and those made earlier if this field was fallow).]  
 [If no pesticides applied, go to Section E.]

<b>CODE</b>	<b>EDIT TABLE</b>
2134	0301

<p><i>Include</i> defoliant, fungicides, herbicides, insecticides and pesticides.  <i>Include</i> biological and botanical pesticides.</p>	<p><i>Exclude</i> fertilizers reported earlier and seed treatments.</p>
--	---

<b>T-TYPE</b>	<b>TABLE</b>
3	001
<b>LINE</b>	<b>OFFICE USE LINES IN TABLE</b>
99	0319

NOTES	LINE	2	3	4	5	6	OR	7	8
		What products were applied to this field? [Show product codes from Respondent Booklet.]	Was this product bought in liquid or dry form? [Enter L or D.]	Was this part of a tank mix? [If tank mix, enter line number of first product in mix.]	When was this applied? 1 BEFORE planting 3 AT planting 4 AFTER planting	How much was applied per acre per application?	What was the total amount applied per application in this field?	[Enter unit code.] 1 Pounds 12 Gallons 13 Quarts 14 Pints 15 Ounces 30 Grams	
	01	0305		0306	0307	0308		0309	0310
	02	0305		0306	0307	0308		0309	0310
	03	0305		0306	0307	0308		0309	0310
	04	0305		0306	0307	0308		0309	0310
	05	0305		0306	0307	0308		0309	0310
	06	0305		0306	0307	0308		0309	0310
	07	0305		0306	0307	0308		0309	0310
	08	0305		0306	0307	0308		0309	0310
	09	0305		0306	0307	0308		0309	0310
	10	0305		0306	0307	0308		0309	0310
	11	0305		0306	0307	0308		0309	0310
	12	0305		0306	0307	0308		0309	0310
	13	0305		0306	0307	0308		0309	0310
	14	0305		0306	0307	0308		0309	0310

2. [For pesticides not listed in Respondent Booklet, specify --]

LINE	Pesticide Type (Herbicide, Insecticide Fungicide, etc.)	EPA No. or Tradename and Formulation	Form Purchased (Liquid or Dry)	Where Purchased [Ask only if EPA No. cannot be reported.]
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

**D PESTICIDE APPLICATIONS---SELECTED FIELD D**

APPLICATION CODES for column 9	
1 Broadcast, ground without incorporation	6 Chisel/injected or knifed in
2 Broadcast, ground with incorporation	7 Banded in or over row
3 Broadcast, by air ( <i>Aerial application</i> )	8 Foliar or directed spray
4 In Seed furrow	9 Spot treatments
5 In Irrigation water	

**[ENUMERATOR NOTE:**  
*Use these columns only if*  
**TOTAL COST**  
*(item ④ on next page)*  
*cannot be provided.]*



LINE	9 How was this product applied? <i>[Enter code from above.]</i>	10 How many acres in this field were treated with this product?  ACRES	11 What was the number of times applied?  NUMBER	12 What was the PRIMARY target pest for this application?  <i>[Show Target Pest codes from Respondent Booklet.]</i>	13 Prior to this application, was this years pest problem--  1 worse than normal? 3 normal? 5 less than normal? 7 unknown? 9 not applicable?	14 Were these applications made by--  1 Operator, Partner or Family member? 2 Custom applicator? 3 Employee / Other?	OPTIONAL ITEM ④ What was the cost per unit of the product?	
							DOLLARS & CENTS PER UNIT	UNIT CODE 1 POUNDS 12 GALLONS 13 QUARTS 14 PINTS 15 OUNCES 30 GRAMS
01	0311	0312 .__	0313	0314	0315	0316	0317 .__	0318
02	0311	0312 .__	0313	0314	0315	0316	0317 .__	0318
03	0311	0312 .__	0313	0314	0315	0316	0317 .__	0318
04	0311	0312 .__	0313	0314	0315	0316	0317 .__	0318
05	0311	0312 .__	0313	0314	0315	0316	0317 .__	0318
06	0311	0312 .__	0313	0314	0315	0316	0317 .__	0318
07	0311	0312 .__	0313	0314	0315	0316	0317 .__	0318
08	0311	0312 .__	0313	0314	0315	0316	0317 .__	0318
09	0311	0312 .__	0313	0314	0315	0316	0317 .__	0318
10	0311	0312 .__	0313	0314	0315	0316	0317 .__	0318
11	0311	0312 .__	0313	0314	0315	0316	0317 .__	0318
12	0311	0312 .__	0313	0314	0315	0316	0317 .__	0318
13	0311	0312 .__	0313	0314	0315	0316	0317 .__	0318
14	0311	0312 .__	0313	0314	0315	0316	0317 .__	0318



T-TYPE	TABLE	LINE
0	000	00

1. Now I have some questions about your pest management decisions and practices used on this field for the 2000 rice crop. By pests, we mean WEEDS, INSECTS and DISEASES.

2. Let's begin with questions about scouting this field for pests.

<p><b>1</b></p> <p><b>Was this rice field scouted for--</b></p>	<p><b>YES=1</b></p>	<p><b>②</b> [If YES, ask--] <b>Who did the majority of the scouting for [column 1]--</b></p> <p>1 Operator, Partner or Family member? 2 An Employee? 3 Farm supply or Chemical dealer? 4 Independent Crop consultant or Commercial scout?</p> <p><b>CODE</b></p>
a. weeds? .....	2139	2140
b. insects? .....	2141	2142
c. diseases? .....	2143	

3. [If scouted by consultant or commercial scout, ask--]

**How much did you pay for the scouting services for this field?**

[Include landlord cost.] .....

**DOLLARS & CENTS PER ACRE**

2144	.	__
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**OR TOTAL DOLLARS**

2145
------

**OFFICE USE**

0333
------

a. [Note: If scouting performed at no cost, explain: \_\_\_\_\_] .....

**PERCENT**

2146
------

b. What percent of this cost was for insect scouting? .....

4. [If scouted by operator, partner, family member, employee, ask--]

**How many hours did [operator(s), partners, family members, or employees] spend scouting this field for pests? .....**

**HOURS**

2147
------

5. [If field SCOUTED, ask--]

**Were written or electronic records kept for this field to track the activity or numbers of weeds, insects or diseases? .....**

YES = 1

**CODE**

2148
------

**E PEST MANAGEMENT PRACTICES--SELECTED FIELD**

6. [Enumerator Action: Were HERBICIDES used (pesticide product codes 4000-4999), Section D, item 1 column 2?]

- YES - [Continue.]       NO - [Go to item 9.]

7. Did you apply herbicides to this rice field BEFORE weeds emerged? ..... YES = 1 

CODE
2149

[If item 7 = YES, ask--]

Did you decide to apply herbicides BEFORE weeds emerged on this rice field based on--

- |   |      |
|---|------|
| a. a routine treatment for weed problems experienced in previous years? ..... YES = 1 | 2150 |
| b. field mapping of previous weed problems? ..... YES = 1                             | 2151 |
| c. recommendations from a <i>chemical dealer</i> ? ..... YES = 1                      | 2152 |
| d. recommendations from an <i>independent crop consultant</i> ? ..... YES = 1         | 2153 |

8. Did you apply herbicides to this rice field AFTER weeds emerged? ..... YES = 1 

CODE
2154

[If item 8 = YES, ask--]

Did you decide to apply herbicides AFTER weeds emerged on the rice field based on--

- |   |      |
|---|------|
| a. a routine treatment? ..... YES = 1   | 2155 |
| b. type and/or density of weed(s) present? ..... YES = 1                      | 2156 |
| c. recommendations from a <i>chemical dealer</i> ? ..... YES = 1              | 2157 |
| d. recommendations from an <i>independent crop consultant</i> ? ..... YES = 1 | 2158 |

9. [Enumerator Action: Were INSECTICIDES used (pesticide product codes 1000-2000), in Section D, item 1 column 2?]

- YES - [Continue.]       NO - [Go to item 11.]

10. Did you decide to apply insecticides to this rice field based on-- 

CODE
------

- |   |      |
|---|------|
| a. a preventative schedule? ..... YES = 1   | 2159 |
| b. scouting data compared to University or Extension guidelines for infestation thresholds? ..... YES = 1                   | 2160 |
| c. standard practices or history of insect problems? ..... YES = 1  | 2161 |
| d. local information (from other farmers, radio, TV, newsletters, etc.) that the pest was or was not present? ..... YES = 1 | 2162 |
| e. your (the operator's) own determination of the infestation level? ..... YES = 1  | 2163 |



**OTHER PEST MANAGEMENT PRACTICES**

- |  | CODE |
|--|------|
| 11. Was protection of beneficial organisms a factor in your pest control decisions for this field? . . . . . YES = 1   | 2164 |
| 12. Did you apply or release any beneficial organisms to control pests in this field? . . . . . YES = 1  | 2165 |
| 13. Did you use water management practices, such as controlled drainage or irrigation scheduling, to control pests in this field? [Exclude chemigation.] . . . . . YES = 1 | 2166 |
| 14. Did you use tilling, chopping, mowing, burning of field edges, lanes, ditches, roadways or fence lines to control pests in this field? . . . . . YES = 1               | 2167 |
| 15. Did you clean equipment and implements after completing field work to reduce the spread of pests from this field? . . . . . YES = 1                                    | 2168 |

- |  | CODE |
|--|------|
| 17. Did you consider pest resistance when selecting which variety to plant in this field? . . . . . YES = 1  | 2171 |
| 18. Did you treat the seed used in this field or purchase seed that was treated for disease control? . . . . . YES = 1   | 2172 |
| 19. Did you adjust planting or harvesting dates to control pests? . . . . . YES = 1  | 2173 |
| 20. Did you use soil analysis to detect the presence of soilborne pests or pathogens in this field? . . . . . YES = 1  | 2174 |
| 21. Did you alternate pesticides (use pesticides with different mechanisms of action) to keep pests from becoming resistant to pesticides in this field? . . . . . YES = 1   | 2175 |
| 23. Did you rotate crops on this field during the past 3 years to control pests? . . . . . YES = 1   | 2177 |
| 24. Did you use biological pest controls on this field?<br><small>[Biological pest controls include beneficial insects, floral lures, attractants or repellants applied to the field, pheromones and pheromone traps.]</small> . . . . . YES = 1 | 2178 |

a. [If YES, ask-] What were the TOTAL materials and application costs for all biological pest controls for this field? <small>[Include landlord's share.]</small> . . . . .	<b>DOLLARS &amp; CENTS PER ACRE</b>	OR	<b>TOTAL DOLLARS</b>
	2179		2180

27. Did you use any non-chemical controls for blackbirds on this rice field? . . . . . YES = 1	<b>DOLLARS &amp; CENTS PER ACRE</b>	OR	<b>TOTAL DOLLARS</b>
a. [If YES, ask-] What was the cost of all non-chemical blackbird control used on this field in 2000? <small>[Include guns, shotgun shells, propane, etc.]</small> . . . . .	2182		2183

28. Did you do any other type(s) of pest management to control pests in this field? ..... YES = 1

a. [If YES, ask--]

What did you do? [List other activities.]

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2185
2186
2187

PEST MANAGEMENT INFORMATION

29. [Show Pest Management Information Sources code List.]

What was your primary outside source of information on pest management recommendations for the 2000 rice crop?

PEST MANAGEMENT INFORMATION SOURCES  
CODE LIST [Choose one.]

- 1 Extension Advisor, Publications or Demonstrations (County, Cooperative or University)
- 2 Farm Supply or Chemical Dealer
- 3 Commercial Scouting Service
- 4 Independent Crop Consultant or Pest Control Advisor
- 5 Other Growers or Producers
- 6 Producer Associations, Newsletters or Trade Magazines
- 7 Electronic Information Services (DTN, Internet, World Wide Web, etc.)
- 8 Other - (Specify \_\_\_\_\_ )
- 9 None - Operator used no **outside** information source.

[Choose one source and enter code.]

.....

PEST MANAGEMENT TRAINING

30. Have you (the operator) attended any training session on pest identification and management since October 1, 1999? ..... YES = 1

CODE

OFFICE USE

**Enumerator Notes:**

**FIELD OPERATIONS --- SELECTED FIELD**

1. Now I need to list all tractors and self-propelled harvesters used to produce rice on this selected field.

CHECK LIST	
Include	Exclude
<input type="checkbox"/> Tractors owned, rented, leased or borrowed	<input type="checkbox"/> Tractors & self propelled harvesters provided by custom operators
<input type="checkbox"/> Self propelled harvesters & combines owned, rented, leased or borrowed	<input type="checkbox"/> Harvesters & combines that are not self propelled

1	2 What tractors and self-propelled harvesters were used on this field?  MAKE and MODEL	3 What was the model year? (Example: 2000)  YEAR	4 Is this vehicle a -- 2 2-wheel drive tractor? 3 2-wheel drive tractor with front wheel assist? 4 4-wheel drive tractor? 5 crawler or other tracked-tractor? 6 other tractor? 7 self-propelled harvester?  CODE	[If TRACTOR, ask--]	
				5 What is its PTO horsepower?  PTO HORSEPOWER	6 Is it-- 1 diesel? 2 gasoline? 3 LP gas 9 other?  CODE
1		0120 __ __ __ __	0121	0122	0123
2		0124 __ __ __ __	0125	0126	0127
3		0128 __ __ __ __	0129	0130	0131
4		0132 __ __ __ __	0133	0134	0135
5		0136 __ __ __ __	0137	0138	0139
6		0140 __ __ __ __	0141	0142	0143
7		0144 __ __ __ __	0145	0146	0147
8		0148 __ __ __ __	0149	0150	0151
9		0152 __ __ __ __	0153	0154	0155
10		0156 __ __ __ __	0157	0158	0159
11		0160 __ __ __ __	0161	0162	0163
12		0164 __ __ __ __	0165	0166	0167
13		0168 __ __ __ __	0169	0170	0171
14		0172 __ __ __ __	0173	0174	0175
15		0176 __ __ __ __	0177	0178	0179
16		0180 __ __ __ __	0181	0182	0183
17		0184 __ __ __ __	0185	0186	0187
18		0188 __ __ __ __	0189	0190	0191
19		0192 __ __ __ __	0193	0194	0195
20		0196 __ __ __ __	0197	0198	0199

**F FIELD OPERATIONS --- SELECTED FIELD**

2. Including custom operations, I need to list field work performed by machines on this field for the 2000 rice crop. Please...

- ▶ Begin with the first field operation after harvest of previous crop, (If fallow during 1999, list operations starting with fall 1998.)
- ▶ 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.

**CODES FOR COLUMN 5**

1 You (The Operator)?  
 2 Partner?  
 3 Unpaid Worker?  
 4 Paid Part-time or Seasonal Worker?  
 5 Paid Full-time Worker?  
 6 Custom Applicator? --[Go to Column 11.]

**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 applications



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 CUSTOM (column 5 = code 6), skip columns 6-10.]					11 In what month was this operation done? MM YY
				6 What was the size or swath of the [machine] used?	7 [Record size code.] 1 Feet 2 Row 3 Moldboard (bottoms) Hauling 4 Pounds 5 Bushels 6 Tons CODE	8 Which tractor/or self-propelled harvester was used? [Record line number from item 1.] 66 Animal Drawn 77 Pick-Up 88 Other Trucks 99 Self-Propelled	9 How many acres were covered? 1/ ACRES	10 How many acres were covered per hour? ACRES PER HOUR	
0351		0352	0353	0354	0355	0356	0357	0358	0359
0361		0362	0363	0364	0365	0366	0367	0368	0369
0371		0372	0373	0374	0375	0376	0377	0378	0379
0381		0382	0383	0384	0385	0386	0387	0388	0389
0391		0392	0393	0394	0395	0396	0397	0398	0399
0401		0402	0403	0404	0405	0406	0407	0408	0409
0411		0412	0413	0414	0415	0416	0417	0418	0419
0421		0422	0423	0424	0425	0426	0427	0428	0429
0431		0432	0433	0434	0435	0436	0437	0438	0439
0441		0442	0443	0444	0445	0446	0447	0448	0449
0451		0452	0453	0454	0455	0456	0457	0458	0459
0461		0462	0463	0464	0465	0466	0467	0468	0469
0471		0472	0473	0474	0475	0476	0477	0478	0479
0481		0482	0483	0484	0485	0486	0487	0488	0489
0491		0492	0493	0494	0495	0496	0497	0498	0499
0501		0502	0503	0504	0505	0506	0507	0508	0509
0511		0512	0513	0514	0515	0516	0517	0518	0519
0521		0522	0523	0524	0525	0526	0527	0528	0529

1/ For backhoes, disk border maker, ditch closer, ditcher, levee-plow disk, quarter drain machine and rear mounted blade and hauling operations, enter total HOURS, and leave column 10 blank.

**OFFICE USE**

0032

3. I need some additional information about the labor used on this field.  
Please list all workers, paid and unpaid, that worked on this field to produce the 2000 rice crop.

**Include** ▶ workers who worked on the field during the Fall of 1999 and earlier if field was left fallow during 1999.

**Exclude** ▶ contract and custom workers.

[ENUMERATOR INSTRUCTIONS: You may list individuals or groups of workers.  
If workers are grouped, indicate type and number.]

1 <b>LIST WORKERS</b>  [Include machine and non-machine workers. Exclude contract and custom workers.]	2 [Enter number of workers.]  NUMBER	3 <b>Was (worker)--</b> 1 PAID 2 UNPAID  CODE	[If PAID, ask--]		[If PAID or UNPAID, ask--]
			4 <b>Was (worker)--</b> 1 FULL TIME 2 PART TIME 3 SEASONAL  CODE	5 <b>What was the average hourly cash wage rate paid (per person) for ALL of (worker's) work on this field?</b>  DOLLARS & CENTS PER HOUR	6 <b>Other than the hours just reported operating machines, what were the total hours (worker) worked on activities for this field?</b>  (Include time spent loading materials into equipment, scouting, irrigating, burning, drying, repairing machinery, manual weeding, thinning, rock picking, and management activities.)  TOTAL HOURS
<input type="checkbox"/> You (the operator)					2190
<input type="checkbox"/> Partners	2191				2192
<input type="checkbox"/> Spouse		2193	2194	2195	2196
	2197	2198	2199	2200	2201
	2202	2203	2204	2205	2206
	2207	2208	2209	2210	2211
	2212	2213	2214	2215	2216
	2217	2218	2219	2220	2221
	2222	2223	2224	2225	2226
	2227	2228	2229	2230	2231
	2232	2233	2234	2235	2236
	2237	2238	2239	2240	2241
	2242	2243	2244	2245	2246

4. [If UNPAID labor was reported, ask--]

What percent of the total hours worked on this field by UNPAID workers was worked by children under 16 years old? .....

PERCENT

2249
------

5. Now I need some information on how much was spent for custom and technical services used on this field for the 2000 rice crop.

1	2
CUSTOM or TECHNICAL SERVICE	Including landlord's cost, how much was spent for [column 1] on this field for the 2000 rice crop?
Which of these services were done for the 2000 rice crop on this field?	DOLLARS & CENTS PER ACRE
✓ [Check ✓ box for each service performed; refer to item F2 if necessary.]	
<input type="checkbox"/> a. custom land preparation, shaping and/or leveling? . . . . .	2250 . __ __
<input type="checkbox"/> b. custom cultivating? . . . . .	2251 . __ __
<input type="checkbox"/> c. custom planting and/or reseeded? . . . . .	2252 . __ __
<input type="checkbox"/> e. custom harvesting? . . . . .	2254 . __ __
<input type="checkbox"/> f. 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.)	2255 . __ __
<input type="checkbox"/> h. other custom and/or technical services? (specify _____) (Exclude custom fertilizer and chemical applications and custom crop drying.) . . . . .	2257 . __ __

8. Was there (will there be) a yield monitor on the equipment used to harvest this rice field? . . . . . YES = 1 CODE  
2258

a. [If YES, ask--]

Was (will there be) a yield map produced from this harvest using information from the yield monitor? . . . . . YES = 1 2259

(1) [If item 8a is YES, ask--]

Was a custom service/consultant hired for this activity? . . . . . YES = 1 2260

9. Regardless of when done, have the soil properties of this field been mapped (by grid or otherwise)?  
[Mapped is intended to mean that a GPS unit was used to geo-reference the location of different soil properties.] . . . . . YES = 1 2261

10. Was this field remotely sensed (by airplane or satellite) and an image produced either before or during the 2000 growing season? . . . . . YES = 1 2262

a. [If YES, ask--]

Was a custom service/consultant hired for this activity? . . . . . YES = 1 2263

(1) [If YES, ask--]  
What was the total cost of this service? . . . . . DOLLARS & CENTS PER ACRE  
2264 . \_\_ \_\_

11. Was variable rate technology (VRT) used for--  
a. fertilization or liming? . . . . . YES = 1 CODE

**FIELD OPERATIONS --- SELECTED FIELD**

2265

(1) [If YES, ask--]

Was a custom service/consultant hired for this activity? ..... YES = 1

2266

(a) [If YES, ask--]

**DOLLARS & CENTS  
PER ACRE**

What was the total cost of this service? .....

2267

b. seeding? ..... YES = 1

2268

(1) [If YES, ask--]

Was a custom service/consultant hired for this activity? ..... YES = 1

2269

(a) [If YES, ask--]

**DOLLARS & CENTS  
PER ACRE**

What was the total cost of this service? .....

2270

c. pesticide applications? ..... YES = 1

2271

(1) [If YES, ask--]

Was a custom service/consultant hired for this activity? ..... YES = 1

2272

(a) [If YES, ask--]

**DOLLARS & CENTS  
PER ACRE**

What was the total cost of this service? .....

2273



# G IRRIGATION --- SELECTED FIELD

G

2. Now, I have some questions about irrigation systems and water used on this field for the 2000 rice crop.

↓	UNIT	SYSTEM
a. What type(s) of irrigation system were used to irrigate this field? [Ask Respondent to look at <b>System Type Codes</b> in the Respondent Booklet. Enter <b>System Type Code</b> for system covering the most field acres.] . . . . .	<b>SYSTEM TYPE CODE</b>	2275
b. What was the <b>total</b> quantity of water applied to this field during the entire growing season? [Include ALL water used from both on-farm and off-farm sources.] . . . . .	<b>INCHES PER ACRE OR TOTAL ACRE- FEET</b>	2277 2279
[If operator <b>cannot provide item 2b</b> , ask (1) & (2)--] (1) What is the <b>total</b> number of <b>hours</b> this system was used to apply water to this field during the rice growing season? . . . . .	<b>TOTAL HOURS</b>	2281
(2) How many gallons per minute were applied? . . . . .	<b>GALLONS PER MINUTE</b>	2283
c. What percent of the water used to irrigate this field through this system came from surface water sources? . . . . .	<b>PERCENT</b>	2285
d. What was the number of times this system was used to apply water to this field during the rice growing season? [Include any pre-plant irrigation and record continuous irrigation as "1".]	<b>NUMBER OF IRRIGATIONS</b>	2287
e. Was the pump type-- [Enter code for most common pump type.] (If more than one pump in the system, enter type for pump closest to water source.)	1 <b>TURBINE?</b> 2 <b>SUBMERSIBLE?</b> 3 <b>CENTRIFUGAL?</b> 4 <b>BOOSTER?</b> 5 <b>SIPHON?</b> 99 <b>NO PUMP-?</b> [If code 99, go to item j.]	<b>CODE</b>  2289
f. What was the average pumping rate? . . . . .	<b>GALLONS PER MINUTE</b>	2291
g. [If item 2a is code 1-9 ( <b>PRESSURE SYSTEM</b> ), ask--] What was the system operating pressure? . . . . .	<b>POUNDS PER SQUARE INCH</b>	2293
h. What was the motor type?	1 <b>DIESEL</b> 2 <b>GASOLINE</b> 3 <b>LP GAS</b> 4 <b>NATURAL GAS</b> 5 <b>ELECTRICITY</b> 6 <b>SOLAR POWER</b>	<b>CODE</b>  2295
i. What was the average motor size? . . . . .	<b>HORSE- POWER</b>	2297
j. [If <b>NO PUMP</b> was used, ask-- (item e is code 99); What was the average flow rate? . . . . .	<b>GALLONS PER MINUTE</b>	2299
k. How many <b>other</b> acres on this operation were irrigated using this field's irrigation system during the 2000 growing season? [Exclude this field.] . . . . .	<b>ACRES</b>	2301  . ____

**G IRRIGATION --- SELECTED FIELD**

3. Was any water purchased to irrigate this field?  
*(Include landlord's share and purchases from all sources.)*

**YES** - [Enter code 1 and continue.]       **NO** - [Go to item 4.]

**CODE**  
 2303

a. What percent of the water used on this field was purchased?

**PERCENT**  
 2304

b. What was the total cost for the water purchased for this field during the 2000 growing season?  
*[Include landlord's costs and ditch maintenance costs.]*

**DOLLARS & CENTS PER ACRE**      OR      **TOTAL DOLLARS**  
 2305      2306

4. What was the total number of levee gates (or boxes) used in this field?

**NUMBER**  
 2307

a. Were levee gates (or boxes) used as part of the irrigation system to cascade water through levees from one level/contour/bay to the next?  
*[Do not consider the use of levee gates for drainage or removing water]*      YES = 1

**NUMBER**  
 2308

5. What type of levee was used to divide the field--

1	STRAIGHT?
2	CONTOUR?
3	NONE?

**CODE**  
 2309

6. *[If SIPHON TUBES were used (item 2a = 10 or 11), ask--]*  
 What would be the total cost to replace all the siphon tubes used on this field?

**TOTAL DOLLARS**  
 2310

7. *[If POLY PIPE system was used (item 2a = 14), ask--]*  
 What was the total amount spent for poly pipe used on this field during the 2000 growing season?

**TOTAL DOLLARS**  
 2311

8. *[If GATED PIPE system was used (item 2a = 15 or 16), ask--]*

a. What was the average diameter of gated pipe used to irrigate this field?

**INCHES**  
 2312

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

**FEET**  
 2313

9. Were wells used to supply irrigation water for this field?

**YES** - [Enter code 1 and continue.]       **NO** - [Go to item 10.]

**CODE**  
 2314

a. How many wells were used to irrigate this field?

**NUMBER**  
 2315

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

**INCHES**  
 2316

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

**FEET**  
 2317

d. *[If same well(s) used to irrigate other fields, ask--]*  
 How many other acres on this operation were irrigated using the same wells during the 2000 growing season?

**ACRES**  
 2318

**G** IRRIGATION --- SELECTED FIELD

10. Other than pipe that is part of the system, was any additional mainline or lateral pipe used to carry water from the source to this field? (*Include underground pipe.*)

- YES** - [Continue.]       **NO** - [Go to item 11.]

a. What was the most common type of additional pipe used? .....

PIPE TYPE CODES	
1	ALUMINUM - (NON-HI-PRESSURE)
2	ALUMINUM - (HI-PRESSURE)
3	STEEL
4	PLASTIC
5	OTHER (SPECIFY: _____)

**CODE**

2319
------

b. What was the average diameter (*in inches*) of the most common type of this additional pipe used? .....

**INCHES**

2320
------

c. How many feet of this additional pipe were used to bring water to this field? .....

**FEET**

2321
------

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

RUN-OFF CODES	
1	retained at the end of the field?
2	re-used to irrigate on the farm?
3	collected in evaporation ponds on the farm?
4	drained from the farm?
5	There is no runoff

**CODE**

2322
------

**H DRYING and STORAGE--SELECTED FIELD**

**H**

1. Was (or will) most of the rice crop from this field--  
[Include landlords share.]

- |   |  |
|---|--|
| 1 | Custom dried - <i>Continue.</i>                      |
| 2 | Dried other than custom dried - <i>Go to item 3.</i> |
| 3 | Not dried - <i>Go to item 4.</i>                     |

CODE

2323

2. [If CUSTOM DRIED, ask--]

What was (will be) the cost of custom drying the rice from this field? [Include landlord's share.]

CENTS PER CWT OR TOTAL DOLLARS

2324

2325

CODE

2326

a. Are storage costs included in this (item 2) cost? YES = 1

OFFICE USE

0105

b. [If no drying cost, explain \_\_\_\_\_]

3. [If DRIED OTHER THAN CUSTOM, ask--]

a. Was the main fuel type used to dry rice from this field--

- |   |             |
|---|-------------|
| 1 | Diesel      |
| 2 | Gasoline    |
| 3 | LP gas      |
| 4 | Natural gas |
| 5 | Electricity |
| 6 | Other       |

CODE

2327

b. On average, how many percentage points of moisture were (will be) removed from the grain from this field?

PERCENTAGE POINTS

2328

**Example:** Harvested grain at 13.1 percent moisture  
Dried grain to 12.0 percent moisture  
1.1 points removed, enter in cell 0107

4. How much of the rice harvested from this field was--

- a. sold at harvest? +
- b. NOT sold but hauled to ON-FARM storage? +
- c. NOT sold but hauled to OFF-FARM storage? +

PERCENT OR

2329

2331

2333

100%

POUNDS

2330

2332

2334

=

UNIT CODE

- 2=CWT.
- 3=TON
- 4=BUSHEL
- 5=BARRELS

DOLLARS & CENTS PER UNIT

2335

2336

What was the average monthly storage charge per unit?

# LANDLORD COSTS

1. [If selected field RENTED, ask--; else go to Conclusion.]  
**Did your landlord for this selected rice field contribute to the cost of any of these production expense items for the 2000 crop?**

[Show Landlord Cost items in the Respondent Booklet.]

**CODE**

2337
------

**YES** - [Enter 1 and continue.]       **NO** - [Enter 3 and go to Conclusion.] . . . . .

1	2	
Which items? [Check ✓ all that are YES.]	[For each item checked in column 1, ask--] <b>How much did your landlord spend for</b> [column 1 item] <b>for this field?</b>	
	PERCENT	OR TOTAL DOLLARS
✓ <b>Seed Costs</b>		
<input type="checkbox"/> a. Purchased seed . . . . .	2338	2339
<input type="checkbox"/> b. Seed cleaning and treating . . . . .	2340	2341
✓ <b>Fertilizer Costs [Exclude Lime and Gypsum]</b>		
<input type="checkbox"/> c. Fertilizer custom applications . . . . .	2342	2343
<input type="checkbox"/> d. Fertilizer materials . . . . .	2344	2345
✓ <b>Chemicals/Pesticides Costs</b>		
<input type="checkbox"/> e. Chemical/pesticides custom applications . . . . .	2346	2347
<input type="checkbox"/> f. Chemical/pesticides materials . . . . .	2348	2349
✓ <b>Technical Services</b>		
<input type="checkbox"/> g. Soil tests or plant tissue tests . . . . .	2350	2351
<input type="checkbox"/> h. Scouting services . . . . .	2352	2353
<input type="checkbox"/> i. Biological pest controls and their application . . . . .	2354	2355
<input type="checkbox"/> j. Non-chemical blackbird control . . . . .	2356	2357
✓ <b>Custom Field Operations and Services</b>		
<input type="checkbox"/> k. Custom land preparation, shaping, and/or leveling . . . . .	2358	2359
<input type="checkbox"/> l. Custom cultivating . . . . .	2360	2361
<input type="checkbox"/> m. Custom planting and/or reseeding . . . . .	2362	2363
<input type="checkbox"/> n. Custom harvesting . . . . .	2364	2365
<input type="checkbox"/> o. Custom hauling . . . . .	2366	2367
<input type="checkbox"/> p. Custom drying . . . . .	2368	2369
<input type="checkbox"/> s. Other custom services . . . . .	2374	2375
✓ <b>Irrigation and Water Management Costs</b>		
<input type="checkbox"/> t. Purchased irrigation water . . . . .	2376	2377
<input type="checkbox"/> u. Fuel, lubrication and electricity for irrigation . . . . .	2378	2379

# CONCLUSION

## LOCATION OF SELECTED FIELD

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

COUNTY NAME

OFFICE USE  
COUNTY FIPS CODE

What county is the selected rice field in?

	0010
--	------

Field description .....

--

2. [ENUMERATOR ACTION:

*Mark map to indicate where the selected rice field is located.  
Be sure the "X" marked on map is in county identified above.]*

3. We will need additional information to complete this study. We will re-contact you in February or March, 2001, to collect it. I'll call you than to set up a time that's good for you.

4. Would you like to receive a copy of the results of this survey in the mail?

(Results will also be available on the Internet at <http://www.usda.gov/nass/>) ..... YES = 1

CODE

0099
------

## RECORDS USE

5. [Did respondent use farm/ranch records to report--]

CODE

- a. [fertilizer data?] ..... YES = 1
- b. [pesticide data?] ..... YES = 1
- c. [majority of this expense data?] ..... YES = 1

0011
0012
0013

## SUPPLEMENTS USED

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

NUMBER

FERTILIZER APPLICATIONS  
PESTICIDE APPLICATIONS  
FIELD OPERATIONS

0041
0042
0043

## RESPONDENT

- |   |                          |
|---|--------------------------|
| 1 | OPERATOR/MANAGER/PARTNER |
| 2 | SPOUSE                   |
| 3 | ACCOUNTANT/BOOKKEEPER    |
| 4 | OTHER                    |

CODE

0101
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Respondent's name .....

Phone .....

(    )
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MILITARY TIME  
H H M M

ENDING TIME [MILITARY] .....

0005
_ _ _ _

MM DD YY

DATE: .....

0007
_ _ _ _ 00

ENUMERATOR ID

ENUMERATOR NAME .....

0098
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EVALUATION

0100
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