

AGRICULTURAL RESOURCE MANAGEMENT STUDY COTTON PRODUCTION PRACTICES REPORT for 1996

U.S. Department of Agriculture
Rm 5809, South Building
Washington, D.C. 20250
202-720-7017

VERSION	STRATUM	ID/SEGMENT	TRACT	SUBTRACT	T-TYPE	TABLE	LINE
08	_____	_____	_____	_____	0	000	00

CONTACT RECORD		
DATE	TIME	NOTES

R CODES	
3 - COMPLETED	
4 - SCREENOUT	0001
5 - NO TARGET COMMODITY	
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 production practices for field crops and need your help to make the information as accurate as possible. Authority for collection of information on the Cotton Production Practices 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 state 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 [MILITARY]

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

[ENUMERATOR NOTE: For NRCS samples, complete the items on page 2. If box is code 1, complete the Screening Supplement. If box is not coded, begin with Section C.]

SCREENING BOX

PARTNERS:				LSF ID _____				LSF ID _____			
PARTNER NAME				PARTNER NAME				PARTNER NAME			
ADDRESS				ADDRESS				ADDRESS			
CITY	STATE	ZIP	PHONE NUMBER	CITY	STATE	ZIP	PHONE NUMBER	CITY	STATE	ZIP	PHONE NUMBER
LSF ID _____				LSF ID _____				LSF ID _____			
PARTNER NAME				PARTNER NAME				PARTNER NAME			
ADDRESS				ADDRESS				ADDRESS			
CITY	STATE	ZIP	PHONE NUMBER	CITY	STATE	ZIP	PHONE NUMBER	CITY	STATE	ZIP	PHONE NUMBER

PARTNERS' STRATUM 182

<input type="text" value="0006"/>	<input type="text" value="0007"/>	<input type="text" value="0008"/>	<input type="text" value="0009"/>
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OFFICE USE FOR LSF

<input type="text" value="0010"/>

NRCS SAMPLES ONLY

[Show aerial photograph to respondent, and identify sample point.]

1. Do you make any of the day-to-day decisions for the field containing this point?

CODE

0011

- YES** - [Enter code 1 and continue.]
- NO** - [Conclude the interview and ask for Respondent's assistance in locating correct operator.]

2. What crop was planted for harvest in 1996 in the field containing this point?

(If no crop was grown for harvest, identify 1996 land use. **Include** cover crop, perennial crop, fallow/idle, or any other use. If more than one crop was harvested in 1996, identify the first crop harvested.)

OFFICE USE

0012

[ENUMERATOR ACTION: *If item 2 crop is **cotton**, ask Respondent to identify the boundaries of the field containing the sample point. Draw these boundaries. Then go to Section **D**, page 5, and begin the interview. For any other land uses, go to item 2 of Conclusion, back page.]*

C * COTTON * FIELD SELECTION C

APPLY "RANDOM NUMBER" LABEL HERE

3. I will follow a simple procedure to make a random selection from the cotton fields planted for the 1996 crop.

What is the total number of cotton fields that were planted on this operation?
 [If only 1 field, go to item 5.]

NUMBER
0050

4. Please list these fields according to identifying numbers/names or describe each field. Then I will tell you which field has been selected.
 (If there are more than 18 fields, list only the 18 fields closest to your permanent residence.)
 [If respondent is unable to identify or describe the fields, use the Field Selection Supplement on page 4.]

- FIELD NUMBER, NAME OR DESCRIPTION**
- 1 _____
 - 2 _____
 - 3 _____
 - 4 _____
 - 5 _____
 - 6 _____
 - 7 _____
 - 8 _____
 - 9 _____

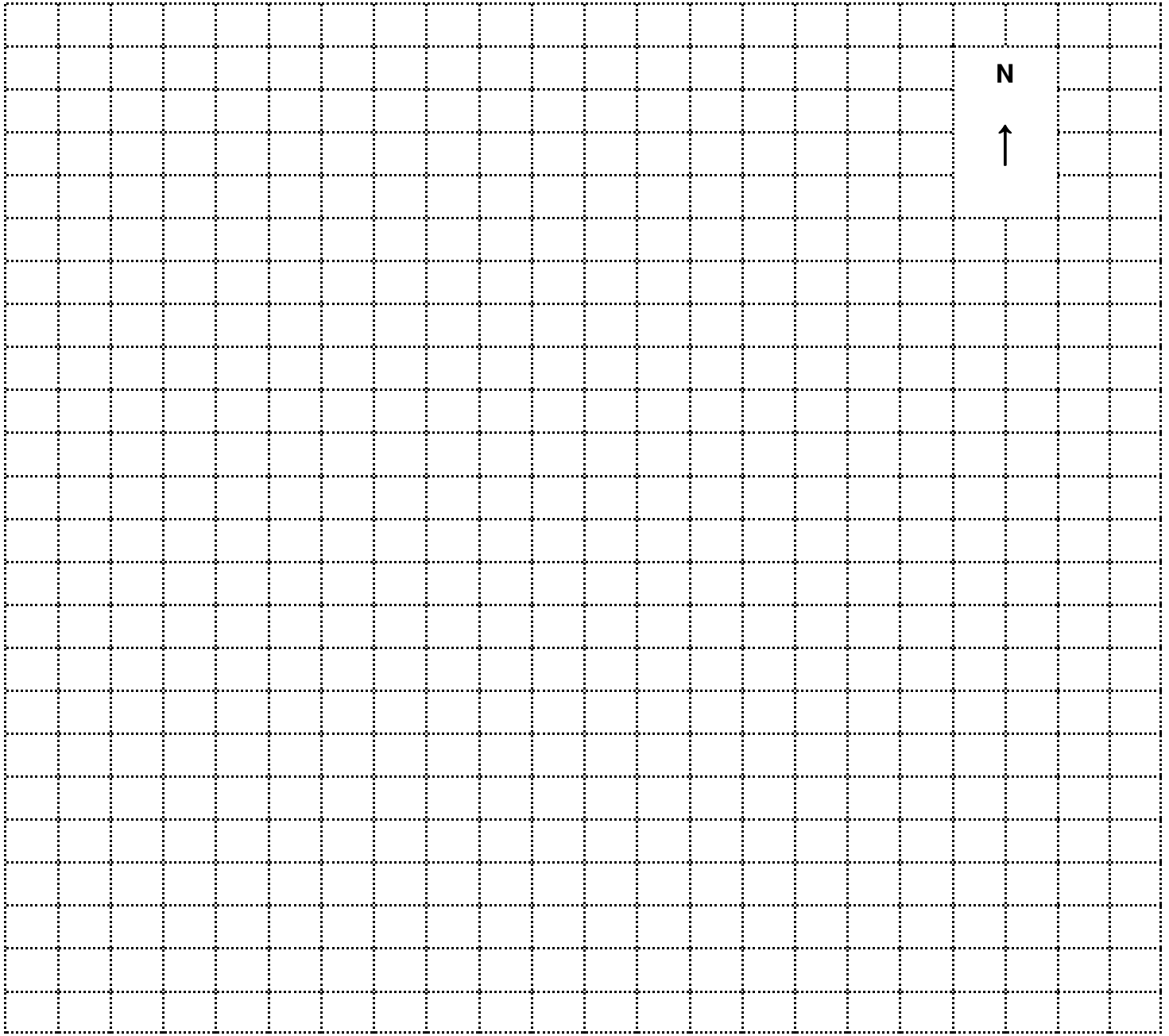
- FIELD NUMBER, NAME OR DESCRIPTION**
- 10 _____
 - 11 _____
 - 12 _____
 - 13 _____
 - 14 _____
 - 15 _____
 - 16 _____
 - 17 _____
 - 18 _____

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.]*

RECORD SELECTED NUMBER HERE
0051

6. The field selected is (*field number/name/description*).
 During this interview, most of my questions will be about **this selected cotton field only**.
 [Be sure the operator can identify the selected field.]

FIELD SELECTION SUPPLEMENT



D FIELD CHARACTERISTICS---SELECTED FIELD**D**

	ACRES
1. How many acres of cotton did this operation plant in the selected field in 1996?	1231
2. Was this field--	
1 OWNED BY THIS OPERATION? 2 RENTED FOR CASH ? 3 SHARE RENTED? 4 USED RENT-FREE ?	CODE 1232
5. On what date was this cotton field planted?	MM DD YY 1233 ____ 96
	UNIT CODE 1=SEEDS 2=POUNDS 3=BUSHEL 4=CWT.
8. What was the seeding rate per acre the first time this field was seeded?	RATE PER ACRE 1234 . ____ 1235
9. Was one of these pest resistant varieties of seed used in this field-- [Show respondent Seed Variety Code List in Respondent Booklet. Choose one and enter code.]	
1 an herbicide resistant hybrid or variety <i>(such as BXN57, BXN58)?</i> 2 Bt variety for insect resistance <i>(such as Bollgard, Deltapine 33B or 35B)?</i> 5 None of these?	CODE 1236
10. Was the cotton seed treated (<i>by the seed company or the operator</i>) with an insecticide and/or a fungicide?	1237
	YES = 1
11. Was the source of the cotton seed--	
1 HOME GROWN OR TRADED 2 PURCHASED 3 BOTH	1238
13. [If any seed was PURCHASED (item 11 is code 2 or 3), continue; else go to item 14.] What was the cost per unit of the purchased seed for this field? (Include landlord's cost.)	UNIT CODE 2=POUNDS 3=50 POUND BAG 4=BUSHEL 5=CWT.
	DOLLARS AND CENTS PER UNIT 1239 . ____ ____ 1240

D FIELD CHARACTERISTICS---SELECTED FIELD**D**

CODE

1241

14. Has harvest of this cotton field been completed? YES = 1

15. Now I need information about the acres harvested (or to be harvested) and the yield from this cotton field.

1	2 How many acres in the cotton field were (will be) harvested for-- [column 1] ACRES	3 What yield per acre did you get (do you expect to get) for-- POUNDS PER ACRE
d. cotton lint?	0077 · ___	0085
e. cotton seed for planting (and lint)?	0078 · ___	0086
i. abandoned?	0098 · ___	
i. other use?	0099 · ___	

PARTIAL CROP CODE LIST FOR ITEM 17

1 Alfalfa hay	5 Corn for silage	16 Peanuts	26 Soybeans
190 Barley	8 Cotton	22 Rye	142 Vegetables
3 Dry Beans	302 CRP	98 Safflower	165 Wheat, winter
310 Clover	311 Grasses other than clover	25 Sorghum for grain	318 Fallow or Idle (diverted)
6 Corn for grain	15 Oats	24 Sorghum for silage	

17. Next I need to know what crops were previously planted on this field, **including cover crops**.
[If no crop was planted during the period, use code 318. If crop isn't listed in the code table, record the crop name beside the cell and leave the cell blank.]

1	2 What crop was planted on this field-- [column 1] CODE	3 Was this crop irrigated on this field? YES=1
a. in FALL of 1995?	0103	0108
b. in SPRING/SUMMER of 1995?	0104	0109
c. in FALL of 1994?	0105	0110
d. in SPRING/SUMMER of 1994?	0106	0111
e. in SPRING/SUMMER of 1993?	0107	0112

D FIELD CHARACTERISTICS---SELECTED FIELD**D**

18. [If the most recent crop in item 17 was a **SMALL GRAIN**,
such as barley, oats or wheat ask--]
Was crop residue removed from this field
by baling or removing straw, burning, etc.? **YES = 1**
- | CODE |
|------|
| 1242 |
19. Was a no-till system used to prepare and plant this cotton field?
- YES** - [Enter code 1 and continue.] **NO** - [Go to item 20.]
- | |
|------|
| 1243 |
|------|
- a. How many consecutive years has **no-till** been used on this
field (regardless of which crop was planted or grown)?
[Enter 1 if current year only.]
- | YEARS |
|-------|
| 1244 |
20. Did your land-use practices for this field include--
- | | CODE |
|--|------|
| a. grassed waterways? YES = 1 | 1245 |
| b. terraces? YES = 1 | 1246 |
| c. contour farming? YES = 1 | 1247 |
| d. strip cropping? YES = 1 | 1248 |
| e. underground outlets such as tile drainage? YES = 1 | 1249 |
| f. other drainage channels or diversions? YES = 1 | 1250 |
21. Has the Natural Resource Conservation Service or NRCS
(formerly called the Soil Conservation Service or SCS)
classified this field as "Highly Erodible"? **YES = 1**
- | |
|------|
| 1251 |
|------|
22. Has the NRCS (former SCS) notified you that this field contains a wetland? **YES = 1**
- | |
|------|
| 1252 |
|------|
23. Was this field covered by crop insurance for the 1996 cotton crop? **YES = 1**
- | |
|------|
| 1253 |
|------|

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

1. What FERTILIZERS were applied to this field for the 1996 cotton crop? [If none, go to item 3.]
 (Include chemical fertilizers. Include custom applied fertilizers. Include fertilizer applied in the fall of 1995 and those applied earlier if this field was fallow. Exclude micro-nutrients.)

EDIT TABLE

0201

T-TYPE 2	TABLE 001
-------------	--------------

LINE	2 → → → MATERIALS USED [Enter percentage analysis or actual pounds of plant nutrients applied per acre.]			3 What quantity was applied per acre? [Leave this column blank if actual nutrients were reported.]	4 [Enter material unit code.] 1 POUNDS 12 GALLONS 19 POUNDS of ACTUAL NUTRIENTS	5 When was this applied? [Show respondent CALENDAR showcard.] MM DD YY	6 How was this applied? 1 Broadcast, ground without incorporation 2 Broadcast, ground with incorporation 3 Broadcast, by air 4 In Seed furrow 5 In irrigation water 6 Chisel, Injected or Knifed in 7 Banded in or Over Row 8 Foliar or Directed Spray 9 Spot treatments	7 How many acres were treated in this application? ACRES
	N Nitrogen	P ₂ O ₅ Phosphate	K ₂ 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 . _____
99	OFFICE USE NUMBER OF LINES IN TABLE							0213

E FERTILIZER and NUTRIENT APPLICATIONS---SELECTED FIELD E

T-TYPE	TABLE	LINE
0	000	00

3. Was a soil test or plant tissue test performed on this field in 1995 or 1996 for the 1996 cotton crop?

YES - [Enter code 1 and continue.] **NO** - [Go to item 5.]

CODE
1254

4. Was a Nitrogen test performed?

YES - [Enter code 1 and continue.] **NO** - [Go to item 5.]

1255

a. Was the amount of Nitrogen applied to this field more than, less than, or exactly the amount recommended by the Nitrogen test?

1	MORE THAN THE AMOUNT RECOMMENDED
2	LESS THAN THE AMOUNT RECOMMENDED
3	EXACTLY THE AMOUNT RECOMMENDED

1256

5. Is lime ever applied to this field?

YES - [Enter code 1 and continue.] **NO** - [Go to Section F.]

CODE
1257

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

YEARS
1258

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

TONS PER ACRE
1259

F PESTICIDE APPLICATIONS---SELECTED FIELD F

EDIT TABLE

0301

1. Were any herbicides, insecticides, fungicides or other chemicals used on this field for the 1996 cotton crop?
 (Include applications made in the fall of 1995 and those made earlier if this field was fallow. Include custom applied materials. Exclude seed treatment.)

T-TYPE 3	TABLE 001
--------------------	---------------------

YES - [Continue.] NO - [Go to Section G, page 14.]

NOTES	LINE	2 What products were applied to this field? [Use product codes from Respondent Booklet.]	3 Was this product bought in liquid or dry form? [Enter L or D.]	4 Was this part of a tank mix? [If tank mix, enter line number of first product in tank mix.]	5 When was this applied? [Show respondent CALENDAR showcard.] MM DD YY	6 OR 7		8 [Enter unit code.] 1 POUNDS 12 GALLONS 13 QUARTS 14 PINTS 15 OUNCES 30 GRAMS
						How much was applied per acre per application?	What was the total amount applied per application in this field?	
	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

[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.]
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

F PESTICIDE APPLICATIONS---SELECTED FIELD**F****APPLICATION CODES for column 9**

1 Broadcast, ground without incorporation	7 Banded in or Over Row
2 Broadcast, ground with incorporation	8 Foliar or Directed spray
3 Broadcast, by air	9 Spot treatments
4 In Seed Furrow	
5 In Irrigation water	
6 Chisel/Injected or Knifed in	



LINE	9 How was this product applied?	10 How many acres in this field were treated with this product? ACRES	11 Were these applications made by-- 1 Operator, Partner, Family member? 2 Custom applicator? 3 Employee/Other?	12 What was the PRIMARY target pest for this application? [Use Pest codes from showcard.]
	01	0311	0312 . _____	0313
02	0311	0312 . _____	0313	0314
03	0311	0312 . _____	0313	0314
04	0311	0312 . _____	0313	0314
05	0311	0312 . _____	0313	0314
06	0311	0312 . _____	0313	0314
07	0311	0312 . _____	0313	0314
08	0311	0312 . _____	0313	0314
09	0311	0312 . _____	0313	0314
10	0311	0312 . _____	0313	0314
11	0311	0312 . _____	0313	0314
12	0311	0312 . _____	0313	0314
13	0311	0312 . _____	0313	0314
14	0311	0312 . _____	0313	0314

F PESTICIDE APPLICATIONS---SELECTED FIELD F

1. [Pesticide applications, continued--]

NOTES	LINE	2 What products were applied to this field? [Use product codes from Respondent Booklet.]	3 Was this product bought in liquid or dry form? [Enter L or D.]	4 Was this part of a tank mix? [If tank mix, enter line number of first product in tank mix.]	5 When was this applied? [Show respondent CALENDAR showcard.] MM DD YY	6 OR 7		8 [Enter unit code.] 1 POUNDS 12 GALLONS 13 QUARTS 14 PINTS 15 OUNCES 30 GRAMS
						How much was applied per acre per application?	What was the total amount applied per application in this field?	
	15	0305		0306	0307 _ _ _ _ _	0308 . _ _	0309	0310
	16	0305		0306	0307 _ _ _ _ _	0308 . _ _	0309	0310
	17	0305		0306	0307 _ _ _ _ _	0308 . _ _	0309	0310
	18	0305		0306	0307 _ _ _ _ _	0308 . _ _	0309	0310
	19	0305		0306	0307 _ _ _ _ _	0308 . _ _	0309	0310
	20	0305		0306	0307 _ _ _ _ _	0308 . _ _	0309	0310
	21	0305		0306	0307 _ _ _ _ _	0308 . _ _	0309	0310
	22	0305		0306	0307 _ _ _ _ _	0308 . _ _	0309	0310
	23	0305		0306	0307 _ _ _ _ _	0308 . _ _	0309	0310
	24	0305		0306	0307 _ _ _ _ _	0308 . _ _	0309	0310
	25	0305		0306	0307 _ _ _ _ _	0308 . _ _	0309	0310
	26	0305		0306	0307 _ _ _ _ _	0308 . _ _	0309	0310
99	OFFICE USE NUMBER OF LINES IN TABLE							0319

[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.]
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

F PESTICIDE APPLICATIONS---SELECTED FIELD F

APPLICATION CODES for column 9	
1 Broadcast, ground without incorporation	7 Banded in or
2 Broadcast, ground with incorporation	Over Row
3 Broadcast, by air	8 Foliar or
4 In Seed Furrow	Directed spray
5 In Irrigation water	9 Spot treatments
6 Chisel/Injected or Knifed in	



LINE	9	10	11	12
	How was this product applied?	How many acres in this field were treated with this product? ACRES	Were these applications made by-- 1 Operator, Partner, Family member? 2 Custom applicator? 3 Employee/Other?	What was the PRIMARY target pest for this application? [Use Pest codes from showcard.]
15	0311	0312 . _____	0313	0314
16	0311	0312 . _____	0313	0314
17	0311	0312 . _____	0313	0314
18	0311	0312 . _____	0313	0314
19	0311	0312 . _____	0313	0314
20	0311	0312 . _____	0313	0314
21	0311	0312 . _____	0313	0314
22	0311	0312 . _____	0313	0314
23	0311	0312 . _____	0313	0314
24	0311	0312 . _____	0313	0314
25	0311	0312 . _____	0313	0314
26	0311	0312 . _____	0313	0314

T-TYPE	TABLE	LINE
0	000	00

2. [If application code in column 9 is 1, 2, 7, 8 or 9, ask-]
 What was the boom height of the sprayer the first time it was used to apply pesticides on the cotton field?

INCHES

1260

G PEST MANAGEMENT PRACTICES--SELECTED FIELD

G

1. Now I have some questions about your pest management decisions and practices used on this field for the 1996 cotton crop. **By pests, we mean WEEDS, INSECTS and DISEASES.**
2. Let's begin with questions about scouting this field for pests.

1	2 Was the cotton field scouted for-- [column 1] YES=1	3 [For rows with YES =1, ask--] Was most of the scouting for [column 1] done by-- 1 Operator, Partner or Family member? 2 an Employee? 3 Farm supply or Chemical dealer? 4 Crop consultant or Commercial scout? CODE
a. weeds	0226	0229
b. insects	0227	0230
c. diseases	0228	

3. [Ask only if column 3 of item 2 is code 4; else go to item 5.]
How much did you pay for the scouting services for this field? [**Include** landlord cost.]

DOLLARS AND CENTS PER ACRE	OR	TOTAL DOLLARS
1261 . ____		1262

5. [Ask only if field was SCOUTED (column 2 of item 2 is code 1); else go to item 6.]
Were written or electronic records kept for this field to track the **activity or numbers** of--

- | | | |
|---------------------------|---------|--|
| a. broadleaf weeds? | YES = 1 | |
| b. grass weeds? | YES = 1 | |
| c. insects? | YES = 1 | |

CODE
1263
1264
1265

6. [Ask only if HERBICIDES (pesticide codes 4000 - 4999) were entered in Section F, item 1, column 2; else go to item 12.]
Did you apply herbicides to this field BEFORE weeds emerged?

- YES** - [Enter code 1 and continue.] **NO** - [Go to item 8.]

1266

7. Did you decide to use **pre-emergence** herbicides based on--

- | | | |
|---|---------|--|
| a. a routine treatment for weed problems experienced in previous years? | YES = 1 | |
| b. field mapping of previous weed problems? | YES = 1 | |
| c. a computerized decision model? | YES = 1 | |
| d. recommendations from an independent crop consultant? | YES = 1 | |

1267
1268
1269
1270

G PEST MANAGEMENT PRACTICES--SELECTED FIELD

G

8. Did you apply herbicides to this field AFTER weeds emerged?

- YES** - [Enter code 1 and continue.] **NO** - [Go to item 12.]

CODE
1271

9. Did you decide to use **post-emergence** herbicides based on--

- a. a routine treatment? **YES = 1**
- b. type and/or density of weed(s) present? **YES = 1**
- c. a computerized decision model? **YES = 1**
- d. recommendations from an independent crop consultant? **YES = 1**

1272
1273
1274
1275

12. Did you decide **to apply OR not apply** insecticides to the cotton field based on--

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

1276
1277
1278
1279

13. Was this cotton field cultivated for weed control during the growing season?

- YES** - [Enter code 1 and continue.] **NO** - [Go to item 15.]

1280

- a. When was this cotton field cultivated? [Show respondent CALENDAR showcard and enter first 3 cultivation dates.]

MM DD YY
1281 ____ _
1282 ____ _
1283 ____ _

15. Did you--

- a. reduce (or help control) pests by adjusting planting or harvesting dates on this cotton field? **YES = 1**
- b. control pest resistance by alternating pesticides on this field from year to year? (Use pesticides with different active ingredients.) **YES = 1**

CODE
1284
1285

16. Did you--

- a. have a biological soil analysis done on this field to detect the presence of soil pests, such as insects, diseases or nematodes? **YES = 1**
- b. consider beneficial insects in selecting and using pesticides on this field? **YES = 1**

1286
1287

H FIELD OPERATIONS--SELECTED FIELD

H

17. Did you--

- a. purchase and release beneficial insects in this cotton field? YES = 1 CODE
1288

- d. use pheromone lures in this field to--
 - (1) monitor pests by trapping? YES = 1 1289
 - (2) control pests by disrupting mating? YES = 1 1290

19. What was your primary outside source of information on pest management recommendations for the 1996 cotton crop?
 [Ask the respondent to look at Pest Management Information Sources Code List in Respondent Booklet. Choose one and enter code.]

**PEST MANAGEMENT INFORMATION SOURCES
CODE LIST**

- 1 Extension Advisor, Publications or Demonstrations
(County, Cooperative or University)
- 2 Farm Supply or Chemical Dealer
- 3 Commercial Scouting Service
- 4 Crop Consultant or Pest Control Advisor
- 5 Other Growers or Producers
- 6 Producer Associations, Newsletters or Trade Magazines
- 7 Television or Radio Programs, Newspapers
- 8 Electronic Information Services (World Wide Web, DTN, etc.)
- 9 Other
- 10 None

CODE
1291

21. Have you (the operator) completed courses leading to certification for applying "Restricted Use" pesticides? YES = 1 0286

OFFICE USE
0015

[ENUMERATOR NOTE: This Section begins with item 9.]

9. Did you use a moldboard plow on the selected cotton field? CODE

H **FIELD OPERATIONS--SELECTED FIELD**

H

1292

MM DD YY

a. When was the cotton field plowed?
[Show respondent CALENDAR showcard.]

1293
-- -- -- --

10. Was a stale-seedbed system used to prepare and plant this cotton field?

CODE

YES - [Enter code 1 and go to Section I.]

1294

NO - [Go to Section I.]

IRRIGATION--SELECTED FIELD

<p>1. How many acres in the cotton field were irrigated for the 1996 crop? <i>[If none, go to Conclusion, back page.]</i></p>	<p>ACRES</p> <div style="border: 1px solid black; padding: 2px;">1295</div>
<p>2. b. What was the total number of inches of water applied per acre to this field during the entire growing season? <i>(Include ALL water used from both on-farm and off-farm sources.)</i></p>	<p>INCHES PER ACRE</p> <div style="border: 1px solid black; padding: 2px;">1296</div>
<p>c. <i>[Ask only if operator cannot provide item b; else go to item 2d.]</i> What is the total number of hours that water was applied to this field during the growing season?</p>	<p>TOTAL HOURS</p> <div style="border: 1px solid black; padding: 2px;">1297</div>
<p>(1) How many gallons per minute were applied?</p>	<p>GALLONS PER</p> <div style="border: 1px solid black; padding: 2px;">1298</div>
<p>d. What percentage of ALL water applied to this field was applied after planting?</p>	<p>PERCENT</p> <div style="border: 1px solid black; padding: 2px;">1299</div>
<p>e. What percentage of ALL water applied to this field came from surface water sources?</p>	<p>PERCENT</p> <div style="border: 1px solid black; padding: 2px;">1300</div>
<p>f. What was the number of times this field was irrigated during the growing season?</p>	<p>NUMBER</p> <div style="border: 1px solid black; padding: 2px;">1301</div>
<p>(1) How many of these irrigations occurred after planting?</p>	<div style="border: 1px solid black; padding: 2px;">1302</div>
<p>3. Was any water purchased to irrigate this field? <i>(Include landlord's share. Include purchases from all sources.)</i></p> <p><input type="checkbox"/> YES - <i>[Enter code 1 and continue.]</i> <input type="checkbox"/> NO - <i>[Go to item 7.]</i></p>	<p>CODE</p> <div style="border: 1px solid black; padding: 2px;">1303</div>
<p>a. What percentage of the water used on this field was purchased?</p>	<p>PERCENT</p> <div style="border: 1px solid black; padding: 2px;">1304</div>
<p>b. What was the total cost for the water purchased for this field during the 1996 growing season? <i>(Include landlord's cost.)</i></p>	<p>DOLLARS</p> <div style="border: 1px solid black; padding: 2px;">1305</div>
<p>7. Were wells used to supply irrigation water for this field?</p> <p><input type="checkbox"/> YES - <i>[Enter code 1 and continue.]</i> <input type="checkbox"/> NO - <i>[Go to Conclusion, back page.]</i></p>	<p>CODE</p> <div style="border: 1px solid black; padding: 2px;">1306</div>
<p>d. What was the total cost for fuel and power used to pump irrigation water from wells for this field in 1996? <i>(Include landlord's cost.)</i></p>	<p>TOTAL DOLLARS</p> <div style="border: 1px solid black; padding: 2px;">1307</div>

NOTES and CALCULATIONS:

CONCLUSION

LOCATION OF SELECTED FIELDS

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

OFFICE USE-- COUNTY FIPS CODE
0021

What county is the selected cotton field in? _____

[ENUMERATOR ACTION: *Mark the map to indicate where the selected cotton field is located. Be sure the "X" you mark on the map is in this county.]*

2. Reporting the operator's Social Security and Federal or State Employer Identification number is voluntary. The authority to request them is Title 7, Section 2204 of the U.S. Code. These numbers will be used only within the National Agricultural Statistics Service for identification.

0022	OPERATOR'S SSN
_____ - _____ - _____	

0023	OPERATION EIN
_____ - _____ - _____	

0024	OPERATION STATE EIN
_____ - _____ - _____	

[Offer survey results or other Agency publications. Thank the respondent, then review this questionnaire.]

RESPONDENT	1 OPERATOR/MANAGER/PARTNER 2 SPOUSE 3 ACCOUNTANT/BOOKKEEPER 4 OTHER	CODE 0025
Respondent's name [if code 3 or 4]	_____	
Phone	(_____) _____	
 RECORDS USE		
Did the respondent use farm/ranch records to report fertilizer data?	YES = 1	0027
Did the respondent use farm/ranch records to report chemical data?	YES = 1	0028
 SUPPLEMENTS USED		
Record the total number of each type of supplement used to complete this interview.	FERTILIZER APPLICATIONS CHEMICAL APPLICATIONS	NUMBER 0033 0034
ENDING TIME [MILITARY]		0037
DATE:		MM DD YY 0038
ENUMERATOR		ENUMERATOR ID 0039
		EVALUATION 0040