NATIONAL AGRICULTURAL STATISTICS SERVICE
U.S. Department of Agriculture
Rm 5805, South Building
1400 Independence Avenue, S.W.
Washington, D.C. 20250-2000
202-720-7017

AGRICULTURAL RESOURCE MANAGEMENT STUDY
PEANUT PRODUCTION PRACTICES REPORT
for 1999

Form Approved
O.M.B. Number 0535-0218
Approval Expires 10/31/00
Project Code 906
Phase II

VERSION	POID	TRACT	SUBTRACT	T-TYPE	TABLE	LINE
12	_ _ _ _ _ _ _ _ _ _	00	____ ____	0	000	00

CONTACT RECORD		
DATE	TIME	NOTES

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

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

We are collecting information on practices to produce peanuts and need your help to make the information as accurate as possible. Authority for collection of information on the Peanut 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 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.

1735

H H M M

BEGINNING TIME [*MILITARY*] 0004 **P4**

SCREENING BOX 0006 **P6**

[***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 0008

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

POID _ _ _ _ _ _ _ _ _ _	**POID** _ _ _ _ _ _ _ _ _ _
PARTNER NAME	*PARTNER NAME*
ADDRESS	*ADDRESS*
CITY STATE ZIP PHONE NUMBER	*CITY STATE ZIP PHONE NUMBER*
POID _ _ _ _ _ _ _ _ _ _	**POID** _ _ _ _ _ _ _ _ _ _
PARTNER NAME	*PARTNER NAME*
ADDRESS	*ADDRESS*
CITY STATE ZIP PHONE NUMBER	*CITY STATE ZIP PHONE NUMBER*

A PEANUT FIELD SELECTION A

1. **How many acres of peanuts did this operation plant for the 1999 crop year?**
   [< *If no acres planted, review Phase Information Form. Make notes, then go to item 3 on back page.*] . . . . . .

TOTAL PLANTED ACRES
0019 **A0100**

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

TOTAL NUMBER OF FIELDS PLANTED
0020 **A0200**

[*If only 1 field, go to item 4.*]

3. I will follow a simple procedure to make a random selection from the (*item 2*) peanut fields planted for the 1999 crop.

   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 2 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.*]

FIELD NAME, NUMBER OR DESCRIPTION	FIELD NAME, NUMBER OR DESCRIPTION
1	10
2	11
3	12
4	13
5	14
6	15
7	16
8	17
9	18

APPLY "RANDOM NUMBER" LABEL HERE

4. [**ENUMERATOR ACTION:**
   Circle the pair of numbers on the above label associated with the last numbered field in item 3. Select the field according to the number you circled on the label, and record the selected number. If only 1 field, enter 1.] . . . . . .

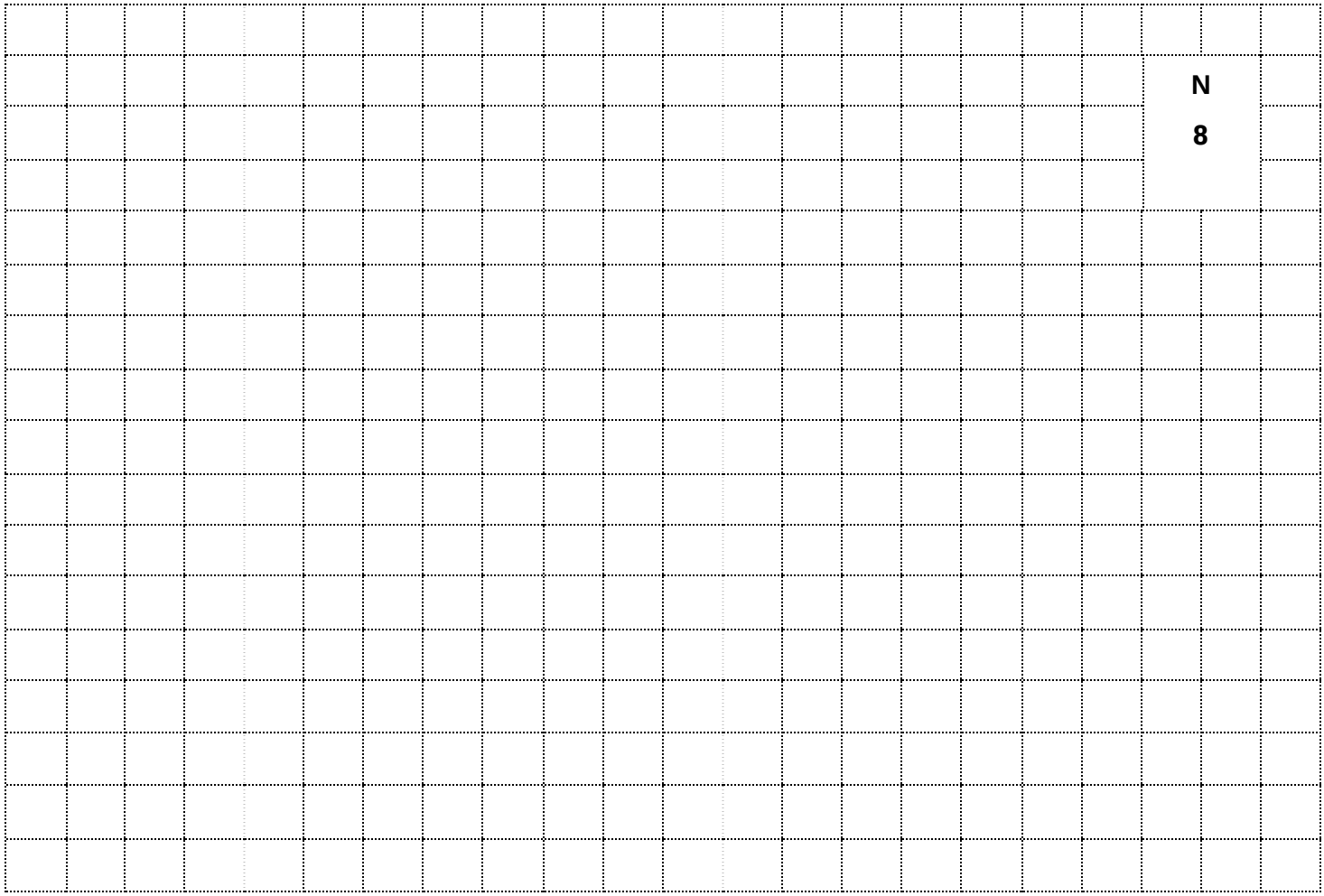
SELECTED FIELD NUMBER
0021 **A0400**

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

OFFICE USE
OY Field Substituted
0022 **A0500**

A PEANUT FIELD SELECTION A

Field Selection Grid



B FIELD CHARACTERISTICS---SELECTED FIELD B

1. **How many acres of peanuts did this operation plant in this field for the 1999 crop?** . . . . . | ACRES | 1735 B0100 |

2. **How many acres in this field were--**

	ACRES
a. owned by this operation?	1736 B02A0
b. rented for CASH?	1737 B02B0
c. SHARE rented?	1738 B02C0
d. used RENT-FREE?	1739 B02D0

3. **What year did you start operating this field?** . . . . . | YEAR | 1740 B0300 |

a. Do you EXPECT to be operating this field for the next 5 years (through the 2004 crop year)? . . . . . **YES = 1** | CODE | 1741 B03A0 |

4. **On what date was this field planted?** . . . . . | YYYYMMDD | 1742 B0400 |

UNIT CODES for Seeding Rate
1=POUNDS
2=CWT.
4=BUSHELS
25=KERNELS/SEEDS

6. **What was the seeding rate per acre the first time this field was seeded?** . . . . .

UNITS PER ACRE	
1744 B0601	1745 B0602

7. **Was the source of the peanut seed--**

1 Purchased?
2 Homegrown or traded?
3 Both?

. . . . . | CODE | 1748 B0700 |

B FIELD CHARACTERISTICS---SELECTED FIELD B

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

CODE
1752 **B1000**

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

1		2	3
How many acres in the peanut field were (will be)--	**ACRES**	**What yield per acre did you get** (do you expect to get) **for--** **UNITS PER ACRE**	**UNIT CODES** 1=POUNDS 2=CWT 3=TONS 4=BUSHELS
a. harvested for peanuts?	1753 **B11A1**	1754 **B11A2**	1755 **B11A3**
d. abandoned?	1761 **B11D0**		
e. used for some other purpose?	1762 **B11E0**		

CROP CODE LIST *for item 12* **PREVIOUSLY PLANTED CROP was--**			
1 Alfalfa hay	281 Cotton, Upland	16 Peanuts	26 Soybeans
190 Barley	282 Cotton, Pima	17 Dry Peas	28 Sugarbeets
3 Dry Beans	302 CRP	20 Potatoes	30 Sunflowers
85 Canola	311 Grasses other than clover	21 Rice	142 Vegetables
310 Clover	11 Hay, all other	22 Rye	163 Wheat, durum
6 Corn for grain	94 Mustard	98 Safflower	164 Wheat, other spring
5 Corn for silage	15 Oats	25 Sorghum for grain	165 Wheat, winter
		24 Sorghum for silage	318 ***No crop planted*** *during this period*

12. **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?**
	CROP NAME	**CROP CODE**	**YES = 1**
a. **FALL** of 1998?		1764 **B12a1**	1765 **B12A2**
b. **SPRING/SUMMER** of 1998? .		1766 **B12B1**	1767 **B12B2**
c. **FALL** of 1997?		1768 **B12C1**	1769 **B12C2**
d. **SPRING/SUMMER** of 1997? .		1770 **B12D1**	1771 **B12D2**
e. **FALL** of 1996?		1772 **B12E1**	1773 **B12E2**
f. **SPRING/SUMMER** of 1996? .		1774 **B12F1**	1775 **B12F2**

13. **Was crop residue** (*from the previous crop planted*) **removed from this field by baling or removing straw or stalks, burning, etc.?** . . . . . **YES = 1**

CODE
1776 **B1300**

B FIELD CHARACTERISTICS---SELECTED FIELD B

1		2		3
14. **Did your land-use practices for this field include--**	**CODE**	**In what year were the** (*column 1*) **established in this field?** **YEAR**	[*If* (*column 1*) *were established before operator began operating this field, enter* ***code 1*** *and skip column 3.*]	**Excluding government cost sharing payments, how much of the cost of building the** (*column 1*) **was paid directly by you?** **PERCENT**
a. terraces? . . . . . **YES = 1**	1777 **B14A0**	1778 **B14A1**	1779 **B14A2**	1780 **B14AX**
b. temporary or permanent levees? . **YES = 1**	1781 **B14B0**	1782 **B14B1**	1783 **B14B2**	1784 **B14BX**
c. grassed waterways? . . . . . **YES = 1**	1785 **B14C0**	1786 **B14C1**	1787 **B14C2**	1788 **B14CX**
d. filter strips or riparian buffers on or adjoining the field? . . . . . **YES = 1**	1789 **B14D0**	1790 **B14D1**	1791 **B14D2**	1792 **B14DX**
e. contour farming? . . . . . **YES = 1**	1793 **B14E0**			
f. strip cropping? . . . . . **YES = 1**	1794 **B14F0**			
g. underground outlets such as tile drainage? . . . . . **YES = 1**	1795 **B14G0**			
h. other drainage channels or diversions? . . . . . **YES = 1**	1796 **B14H0**			

15. **Has the Natural Resource Conservation Service or NRCS classified any part of this field as "Highly Erodible"?** . . . . . **YES = 1** — CODE 1797 **B1500**

16. **Have you been notified by NRCS that this field contains a wetland?** . . . . . **YES = 1** — 1798 **B1600**

17. **Have you received assistance from NRCS in 1999 for planning or installation of conservation practices or systems?** . . . . . **YES = 1** — 1799 **B1700**

18. **Have you received financial cost-sharing assistance from the Farm Service Agency (*formerly ASCS*) in 1999 for installation of conservation practices or systems?** . . . . . **YES = 1** — 1800 **B1800**

C FERTILIZER and NUTRIENT APPLICATIONS---SELECTED FIELD C

1. **Were commercial FERTILIZERS applied to this field for the 1999 peanut crop?** . . . . . YES=1

CODE	EDIT TABLE
1801 **C0100**	0201

2. [*If COMMERCIAL fertilizer applied, continue, else go to item 5.*]

3. **How many trips were made across this field to apply commercial fertilizer for the 1999 crop** (*include applications made by airplanes and commercial applicators*)**?** . . .

NUMBER
1802 **C0300**

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

CHECK LIST

INCLUDE	EXCLUDE
☐ Custom applied fertilizers	☐ Micronutrients
☐ Fertilizer applied in the fall of 1998 and those applied earlier if this field was fallow in 1998	☐ Unprocessed manure
☐ Commercially prepared manure	☐ Fertilizer applied to previous crops in this field

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

LINE	2 o o o MATERIALS USED [*Enter percentage analysis or actual pounds of plant nutrients applied per acre.*] [*Show Common Fertilizers in Respondent Booklet.*] N Nitrogen	P_2O_5 Phosphate	K_2O Potash	3 What quantity was applied per acre? [*Leave this column blank if actual nutrients were reported.*]	4 [*Enter material code.*] 1 Pounds 12 Gallons 19 Pounds of actual nutrients	5 When was this applied? 1 Before seeding (fall) 2 Before seeding (spring) 3 At seeding 4 After seeding	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/Sidedressed in or over row 8 Foliar or directed spray 9 Spot treatments	7 How many acres were treated in this application? ACRES
01	0205 **P205**	0206 **P206**	0207 **P207**	0208 **P208**	0209 **P209**	0210 **P210**	0211 **P211**	0212 **P212**
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	TABLE	LINE
0	**000**	**00**

C FERTILIZER and NUTRIENT APPLICATIONS---SELECTED FIELD C

T-TYPE	TABLE	LINE
0	000	00

CODE

5. **Was a nitrogen soil test performed on this field?** . . . . . **YES = 1** 1803 **C0500**

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

   POUNDS PER ACRE

   How many pounds of nitrogen (*per acre*) **were recommended** (*by the nitrogen test*)**?** 1804 **C05A0**

6. [***Enumerator Action: Refer to the Fertilizer Table, column 2.***
   If nitrogen (N) *was applied, complete items 7 and 8.*
   If NO nitrogen applied, skip to item 9.]

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

   CODE

   a. Routine practice (*operator's own determination based on past experience, yield goal*, *etc*.)? . . . . . **YES = 1** 1805 **C07A0**

   b. Results of a soil or plant tissue test? . . . . . **YES = 1** 1806 **C07B0**

   c. Crop consultant recommendation? . . . . . **YES = 1** 1807 **C07C0**

   d. Fertilizer dealer recommendation? . . . . . **YES = 1** 1808 **C07D0**

   e. Extension Service recommendation? . . . . . **YES = 1** 1809 **C07E0**

   f. Cost of nitrogen and/or expected commodity price? . . . . . **YES = 1** 1810 **C07F0**

8. **Did you use any product to slow the breakdown of nitrogen on this field?** (*For example a nitrification inhibitor such as N-Serve or a urease inhibitor such as Agrotain*) . . . **YES = 1** 1811 **C0800**

9. Was a **soil test** performed on this field in 1998 or 1999 for the 1999 peanut crop? . . . . . **YES = 1** 1812 **C0900**

10. Was a **plant tissue test** performed on this field in 1998 or 1999 for the 1999 peanut crop? . . . . . **YES = 1** 1813 **C1000**

11. **Is lime ever applied to this field?** . . . . . **YES = 1** 1814 **C1100**

    a. [*If lime applied, ask--*]

    YEARS

    On average, how many years are there between applications of **lime** to this field? 1815 **C11A0**

    b. [*If lime applied, ask--*]

    TONS PER ACRE

    How many tons of **lime** were applied per acre the last time it was applied to this field? 1816 **C11B0**

    CODE

12. **Was sulfur applied to this field for the 1999 crop?** . . . . . **YES = 1** 1817 **C1200**

    a. [*If sulfur applied, ask--*]

    POUNDS PER ACRE

    How many pounds of sulfur were applied per acre? 1818 **C12A0**

C FERTILIZER and NUTRIENT APPLICATIONS---SELECTED FIELD C

CODE

13. **Was gypsum applied to this field for the 1999 crop?** . . . . . **YES = 1** | 1819 **C1300**

14. **Were micronutrients applied to this field for the 1999 crop?** . . . . . **YES = 1** | 1820 **C1400**

a. [*If micronutrients applied, ask--*]

Did the micronutrients include **zinc**? . . . . . **YES = 1** | 1821 **C14A0**

15. **Was manure applied to this field for the 1999 peanut crop?**
(***Exclude*** *commercially prepared manure.*)

CODE

☐ **YES** - [*Enter code 1 and continue.*] . . . . . | 1822 **C1500**

☐ **NO** - [*Go to* ***Section*** **D**.]

ACRES

a. How many acres was manure applied to? . . . . . | 1823 **C15A0**

	TOTAL TONS	OR	TOTAL GALLONS
b. What was the total amount of manure applied to this field?	1824 **C15B1**		1825 **C15B2**

c. Was the manure--

1 Dry Broadcast *without* incorporation?
2 Dry Broadcast *with* incorporation?
3 Liquid Broadcast *without* incorporation?
4 Liquid Broadcast *with* incorporation?
5 Injected/knifed in?

. . . . . | CODE 1826 **C15C0**

d. Was the major source of the manure from–

1 Beef cattle?
2 Dairy cattle?
3 Hogs?
4 Sheep?
5 Poultry?
6 Equine?
7 Biosolids (*municipal sludge,food waste, etc.*)?
8 Other (*Specify*_____)?

. . . . . | CODE 1827 **C15D0**

e. Was the manure--

1 Produced on this operation?
2 Purchased?
3 Obtained at no cost off this operation?

. . . . . | CODE 1828 **C15E0**

D PESTICIDE APPLICATIONS---SELECTED FIELD D

1. **Including both custom applications and applications made by this operation, let's list all the chemicals used on this field for the 1999 peanut crop.**

Were any herbicides, insecticides, fungicides or other chemicals used on the peanut field for the 1999 crop?. . . . . . **YES = 1**

CODE	EDIT TABLE
1830 **D0100**	0301

[*Probe for applications made in the fall of 1998* (*and those made earlier if this field was fallow*).]
[*If none, go to Section* **E**.]

CHECK LIST

INCLUDE		EXCLUDE
☐ Defoliants	☐ Insecticides	☐ Fertilizers reported earlier
☐ Fungicides	☐ All other pesticides	☐ Seed treatments
☐ Herbicides		

	T-TYPE	TABLE
	3	001
LINE 99	OFFICE USE LINES IN TABLE	0319

NOTES	LINE	2 What products were applied to this field? [*Show 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 mix.*]	5 When was this applied? 1 BEFORE planting 3 AT planting 4 AFTER planting 5 Defoliation prior to harvest	6 How much was applied per acre per application? OR	7 What was the total amount applied per application in this field?	8 [*Enter unit code.*] 1 Pounds 12 Gallons 13 Quarts 14 Pints 15 Ounces 30 Grams
	01	0305		0306	0307	0308 C	0309 C	0310
	02	0305		0306	0307	0308 C	0309 C	0310
	03	0305		0306	0307	0308 C	0309 C	0310
	04	0305		0306	0307	0308 C	0309 C	0310
	05	0305		0306	0307	0308 C	0309 C	0310
	06	0305		0306	0307	0308 C	0309 C	0310
	07	0305		0306	0307	0308 C	0309 C	0310
	08	0305		0306	0307	0308 C	0309 C	0310
	09	0305		0306	0307	0308 C	0309 C	0310
	10	0305		0306	0307	0308 C	0309 C	0310
	11	0305		0306	0307	0308 C	0309 C	0310
	12	0305		0306	0307	0308 C	0309 C	0310
	13	0305		0306	0307	0308 C	0309 C	0310
	14	0305		0306	0307	0308 C	0309 C	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 (*Aerial application*)	8 Foliar or directed spray
4 In seed furrow	9 Spot treatment
5 In Irrigation water	

9

LINE	9 How was this product applied? [*Enter code from above.*]	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? [*Show Target Pest codes from Respondent Booklet.*]	13 This year, was the problem of this pest-- 1 worse than normal? 3 normal? 5 less than normal? 7 unknown? 9 not applicable?	14 Were these applications made by-- 1 Operator, Partner, Family member? 2 Custom applicator? 3 Employee / Other?
01	0311	0312 c__	0313	0314	0315	0316
02	0311	0312 c__	0313	0314	0315	0316
03	0311	0312 c__	0313	0314	0315	0316
04	0311	0312 c__	0313	0314	0315	0316
05	0311	0312 c__	0313	0314	0315	0316
06	0311	0312 c__	0313	0314	0315	0316
07	0311	0312 c__	0313	0314	0315	0316
08	0311	0312 c__	0313	0314	0315	0316
09	0311	0312 c__	0313	0314	0315	0316
10	0311	0312 c__	0313	0314	0315	0316
11	0311	0312 c__	0313	0314	0315	0316
12	0311	0312 c__	0313	0314	0315	0316
13	0311	0312 c__	0313	0314	0315	0316
14	0311	0312 c__	0313	0314	0315	0316

T-TYPE	TABLE	LINE
0	000	00

E PEST MANAGEMENT PRACTICES--SELECTED FIELD E

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 1999 peanut crop. By pests, we mean WEEDS, INSECTS and DISEASES.**

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

1 **Was this peanut field scouted for--**	**YES=1**	**ï** [*If* **YES**, *ask*--] **Who did the majority of the scouting for** [*column 1*]**--** 1 Operator, Partner or Family member? 2 an Employee? 3 Farm supply or Chemical dealer? 4 Independent Crop consultant or Commercial scout? **CODE**
a. weeds?	1831 **E02A1**	1832 **E02A2**
b. insects?	1833 **E02B1**	1834 **E02B2**
c. diseases?	1835 **E02C1**	1836 **E02C2**

3. [*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

1837 **B0300**

E PEST MANAGEMENT PRACTICES--SELECTED FIELD E

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

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

5. **Did you apply herbicides to this peanut field BEFORE weeds emerged?** . . . . . **YES = 1**

CODE: 1838 **E0500**

a. **[Enumerator Action: *Were* PRE-EMERGENT HERBICIDES *used*?]**

☐ **YES** - [*Continue.*] ☐ **NO** - [*Go to item 7.*]

6. **Did you decide to apply herbicides BEFORE weeds emerged on this peanut field based on--**

a. a routine treatment for weed problems experienced in previous years? . . . . . **YES = 1** — 1839 **E06A0**

b. field mapping of previous weed problems? . . . . . **YES = 1** — 1840 **E06B0**

c. recommendations from a *chemical dealer*? . . . . . **YES = 1** — 1841 **E06C0**

d. recommendations from an *independent crop consultant ?* . . . . . **YES = 1** — 1842 **E06D0**

7. **Did you apply herbicides to this peanut field AFTER weeds emerged?** . . . . . **YES = 1** — 1843 **E0700**

a. **[Enumerator Action: *Were* POST-EMERGENT HERBICIDES *used*?]**

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

8. **Did you decide to apply herbicides AFTER weeds emerged on the peanut field based on--**

a. a routine treatment? . . . . . **YES = 1** — 1844 **E08A0**

b. type and/or density of weed(s) present? . . . . . **YES = 1** — 1845 **E08B0**

c. recommendations from a *chemical dealer*? . . . . . **YES = 1** — 1846 **E08C0**

d. recommendations from an *independent crop consultant ?* . . . . . **YES = 1** — 1847 **E08D0**

9. **[Enumerator Action: *Were* INSECTICIDES *used* (*pesticide product codes 1000-1999*), *in Section* D, *item 1 column 2*?]**

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

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

a. a preventative schedule? . . . . . **YES = 1** — 1848 **E10A0**

b. scouting data compared to University or Extension guidelines for infestation thresholds? . . . . . **YES = 1** — 1849 **E10B0**

c. standard practices or history of insect problems? . . . . . **YES = 1** — 1850 **E10C0**

d. local information (*from other farmers, radio, TV, newsletters, etc.*) that the pest was or was not present? . . . . . **YES = 1** — 1851 **E10D0**

e. your (the operator's) own determination of the infestation level? . . . . . **YES = 1** — 1852 **E10E0**

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

E PEST MANAGEMENT PRACTICES--SELECTED FIELD E

OTHER PEST MANAGEMENT PRACTICES

CODE

11. **Was protection of beneficial organisms a factor in your pest control decisions for this field?** . . . . . **YES = 1** | 1853 **E1100**

12. **Did you use any beneficial organisms to control pests in this field?** . . . . . **YES = 1** | 1854 **E1200**

13. **Did you use water management practices, such as controlled drainage or irrigation scheduling to control pests in this field?** [***Exclude*** *chemigation*.] . . . **YES = 1** | 1855 **E1300**

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** | 1856 **E1400**

15. **Did you clean equipment and implements after completing field work to reduce the spread of pests from this field?** . . . . . **YES = 1** | 1857 **E1500**

16. **Did you cultivate this field for weed control during the growing season?** . . . **YES = 1** | 1858 **E1600**

17. **Did you consider pest resistance when selecting which variety to plant in this field?** . . . . . **YES = 1** | 1859 **E1700**

18. **Did you treat the seed used in this field for disease control?** . . . . . **YES = 1** | 1860 **E1800**

19. **Did you adjust planting or harvesting dates to control pests?** . . . . . **YES = 1** | 1861 **E1900**

20. **Did you use soil analysis to detect the presence of soilborne pests or pathogens in this field?** . . . . . **YES = 1** | 1862 **E2000**

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** | 1863 **E2100**

22. **Did you adjust row spacing or plant density to control pests in this field?** . . . **YES = 1** | 1864 **E2200**

23. **Did you rotate crops on this field during the past 3 years to control pests?** . . **YES = 1** | 1865 **E2300**

26. **Did you do any other type(s) of pest management to control pests in this field?** . . . . . **YES = 1** | 1869 **E2600**

a. [*If* ***YES****, ask*--]

What did you do? [*List other activities*.]

_____ . . . . . | 1870 **E26A1**

_____ . . . . . | 1871 **E26A2**

_____ . . . . . | 1872 **E26A3**

E PEST MANAGEMENT PRACTICES--SELECTED FIELD E

PEST MANAGEMENT INFORMATION

27. [*Show Pest Management Information Sources code List.*]

What was your primary outside source of information on pest management recommendations for the 1999 peanut 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	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.*]

1873 **E2700**

PEST MANAGEMENT TRAINING

28. **Have you (the operator) attended any training session on pest identification and management since October 1, 1998?** . . . . . **YES = 1**

CODE

0028 **E2800**

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

CODE

0029 **E2900**

OFFICE USE

0030

F FIELD OPERATIONS --- SELECTED FIELD F

1. **Including custom operations, I need to list field work performed by machines on this field for the 1999 peanut crop. Please...**
   - < Begin with the first field operation after harvest of previous crop, (If fallow during 1998, list operations starting with fall 1997.)
   - < List the operations in order through seeding, 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 Operator?

CHECK LIST
Include all field work using machines for--
- ☐ Land Forming
- ☐ Tillage
- ☐ Preparing for Irrigation before seeding
- ☐ Planting

Exclude
- ☐ Lime & Gypsum applications
- ☐ Fertilizers & Pesticides applications
- ☐ Operations that occur after planting
- ☐ Harvesting **&** Hauling

9

2 SEQUENCE N0.	3 What operation or equipment was used on this field?	4 [*Record machine code from Respondent Booklet.*] CODE	5 Who was the machine operator-- [*Enter code from above.*]	[*If CUSTOM (column 5 is code 6) skip columns 6 & 7.*] 6 How many acres were covered? 1/ ACRES	7 How many acres were covered per hour? ACRES PER HOUR	8 In what month was this operation done? YYYYMM
0321 T401		0322 T402	0323 T403	0324 T40	0325 T408	0326 T409
0328		0329	0330	0331 .	0332 .	0333
0335		0336	0337	0338 .	0339 .	0340
0342		0343	0344	0345 .	0346 .	0347
0349		0350	0351	0352 .	0353 .	0354
0356		0357	0358	0359 .	0360 .	0361
0363		0364	0365	0366 .	0367 .	0368
0370		0371	0372	0373 .	0374 .	0375
0377		0378	0379	0380 .	0381 .	0382
0384		0385	0386	0387 .	0388 .	0389
0391		0392	0393	0394 .	0395 .	0396
0398		0399	0400	0401 .	0402 .	0403
0405		0406	0407	0408 .	0409 .	0410
0412		0413	0414	0415 .	0416 .	0417
0419		0420	0421	0422 .	0423 .	0424

1/ *For backhoes, disk border maker, ditch closer, ditcher, levee-plow disk, quarter drain machine and rear mounted blade, enter total HOURS, not acres. Then leave column 7 blank.*

OFFICE USE
0032

F FIELD OPERATIONS --- SELECTED FIELD F

			CODE
4.	**Was there (will there be) a yield monitor on the equipment used to harvest this peanut field?**	**YES = 1**	1877 **F0400**
	a. [*If YES, ask*--] Was (will there be) a yield map produced from this harvest using information from the yield monitor?	**YES = 1**	1878 **F04A0**
5.	**Regardless of when done, has this field been soil grid-sampled and grid-mapped?**	**YES = 1**	1879 **F0500**
6.	**Was this field remotely sensed** (*by airplane or satellite*) **and an image produced either before or during the 1999 growing season?**	**YES = 1**	1880 **F0600**
7.	**Was variable rate technology (VRT) used for--**		
	a. fertilization or liming?	**YES = 1**	1881 **F07A0**
	b. seeding?	**YES = 1**	1882 **F07B0**
	c. pesticide applications?	**YES = 1**	1883 **F07C0**

G IRRIGATION --- SELECTED FIELD G

1. **How many acres in this field were irrigated for the 1999 peanut crop?** . . . . . ACRES 1884 G0100

[*If field irrigated, continue. If NOT irrigated, go to Section* H.]

2. **Now, I have some questions about the irrigation of this field for the 1999 peanut crop.**

a. What type of irrigation system was used to irrigate this field?

[*Show* ***System Type Codes****. If more than 1 system used, enter Sytem Type Code for system covering the most field acres.*] . . . . . SYSTEM TYPE CODE 1885 G02A0

b. What was the total number of inches of water per acre applied to this field during the entire growing season? (***Include*** *ALL water used from both on-farm and off-farm sources.*) . . . . . INCHES PER ACRE 1886 G02B0

[***If operator cannot provide item 2b, ask--***]

(1) What is the total number of hours that water was applied to this field during the growing season? . . . . . TOTAL HOURS 1887 G02B1

(2) How many gallons per minute were applied? . . . . . GALLONS PER MINUTE 1888 G02B2

c. What percent of ALL water used to irrigate this field came from surface water sources? . . . . . PERCENT 1889 G02C0

d. What was the number of times this field was irrigated during the growing season? . . . . . NUMBER 1890 G0200

3. **Was any water purchased to irrigate this field?** (***Include*** *landlord's share and purchases from all sources.*) . . . . . **YES = 1** CODE 1891 G0300

a. [*If water purchased, ask--*]

What percent of the water used on this field was purchased? . . . . . PERCENT 1892 G03A0

4. **Were wells used to supply irrigation water for this field?** . . . . . **YES = 1** CODE 1893 G0400

5. **Is the runoff from this field primarily--** . . . . . CODE 1894 G0500

RUNOFF CODES

1 re-used to irrigate on the farm?
2 retained at the end of the field with no re-use?
3 collected in evaporation ponds on the farm?
4 drains from the farm?
5 there is no runoff?

H OPERATOR and OPERATION CHARACTERISTICS H

1. In 1999, was this operation's LEGAL STATUS--

1 Individual (*Sole/family Proprietorship*)?
2 A legal Partnership?
3 A Family-held Corporation?
4 A Non-family Corporation?
5 Other, *Including estates, trusts and cooperatives*?
(*Describe* _____)

ENTER CODE
0035 **H0100**

2. In 1999, what was your (*the operator's*) **major occupation?**

1 Farm or ranch work
2 Hired manager
3 Something else
4 Retired

CODE
0036 **H0200**

3. What is the *highest* level of formal education you (*the operator*) **have completed?**

1 Less than high school
2 High school diploma or equivalency (GED)
3 Some college
4 Completed 4 year degree (BA or BS)
5 Graduate school

CODE
0037 **H0300**

4.Now I would like to classify the total acres operated in terms of total gross value of sales.

Considering-- **!** all crops sold,
! all livestock, poultry (*including commercial broilers*), and products (*milk, eggs, etc.*) sold,
! all sales of crops, livestock or poultry, produced under contract,
! all sales of any miscellaneous agricultural products,
! all government payments received,
! landlord's share of government payments and crops sold in 1999;

What code represents the total gross value of sales for this operation in 1999?

☐ 1	Less than $1,000				
☐ 2	$	1,000 --	$	2,499	
☐ 3	$	2,500 --	$	4,999	
☐ 4	$	5,000 --	$	9,999	
☐ 5	$	10,000 --	$	19,999	
☐ 6	$	20,000 --	$	24,999	
☐ 7	$	25,000 --	$	39,999	
☐ 8	$	40,000 --	$	49,999	
☐ 9	$	50,000 --	$	99,999	
☐ 10	$	100,000 --	$	249,999	
☐ 11	$	250,000 --	$	499,999	
☐ 12	$	500,000 and over			

CODE
0038 **H0400**

5. **Of the farm income reported, which of these categories represents the largest portion of the gross income from the operation?**

FARM TYPE CODE
0039 **H0500**

FARM TYPE CODES

1 GRAINS and OILSEEDS	8 BEEF CATTLE
2 TOBACCO	9 DAIRY
3 COTTON	10 HOGS
4 VEGETABLES and MELONS	11 SHEEP, GOATS, WOOL and MOHAIR
5 FRUIT, TREE NUTS and BERRIES	12 EQUINE
6 NURSERY, GREENHOUSE and FLORICULTURE	13 POULTRY and EGGS
7 OTHER CROPS	14 AQUACULTURE
	15 OTHER ANIMALS

OFFICE USE
0040

LOCATION OF SELECTED FIELD

CONCLUSION

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

   What county is the selected peanut field in? . . . . . .

COUNTY NAME	OFFICE USE-- COUNTY FIPS CODE
COUNTY	COUNTY

2. [**ENUMERATOR ACTION:**
   Mark map to indicate where the selected peanut field is located. Be sure the "X" marked on map is in county identified above.]

3. **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 **Z0300**

RECORDS USE

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

		CODE
a.	[***fertilizer*** *data?*] . . . . . **YES = 1**	0011 **Z04A0**
b.	[***pesticide*** *data?*] . . . . . **YES = 1**	0012 **Z04B0**

SUPPLEMENTS USED

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

	NUMBER
FERTILIZER APPLICATIONS	0041 **Z0501**
PESTICIDE APPLICATIONS	0042 **Z0502**
FIELD OPERATIONS	0043 **Z0503**

RESPONDENT

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

. . . . . CODE: 0101 **P101**

Respondent's name [*if code 3 or 4*] . . . . . _____

Phone . . . . . (_____) _____

ENDING TIME [*MILITARY*] . . . . . MILITARY TIME H H M M: 0005 **P5**

DATE: . . . . . MM DD YY: 0007 **P7**

ENUMERATOR NAME _____ . . . . . ENUMERATOR ID: 0098 P98

EVALUATION: 0100 P100