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| SURVEY_LOGO_1:nass symbol black.jpg | **NATIONAL AGRICULTURAL STATISTICS**  **SERVICE** | | AGRICULTURAL RESOURCE MANAGEMENT SURVEY | | | | | | |  | Form Approved  OMB Number 0535-0218  Approval Expires 1/31/07  Project code 906  Phase II | | |
| **PEANUT PRODUCTION PRACTICES AND COSTS REPORT** | | | | | | |
| **for 2004** | | | | | | |
| U.S. Department of Agriculture  Rm 5829, South Building  1400 Independence Avenue, S.W.  Washington, D.C. 20250-2000  1-800-727-9540  Fax: 202-690-2090  E-mail: nass-dc@nass.usda.gov | | |  | | | | | | | | | | |
| **VERSION** | **ID** | **TRACT** | | **SUBTRACT** | | | **T-TYPE** | | **TABLE** | **LINE** |
| **2** | \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | **01** | | \_\_\_\_ \_\_\_\_ | | | **0** | | **000** | **00** |
|  | | |  | | | | | | | | | | |
| **CONTACT RECORD** | | |  | | **R CODES** | | | |  | |
| **DATE** | | **TIME** | NOTES | | |  | | | 3 – COMPLETE  5 – OUT OF SCOPE  8 – REFUSAL  9 – INAC./INCOMPL. | | | 0910 | |
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|  | |  |  | | | OPTIONAL | | | 0002 | |
|  | |  |  | | | OPTIONAL | | | 0003 | |

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| **INTRODUCTION:**  [*Introduce yourself, and ask for the operator. Rephrase in your own words*.]  We are collecting information on practices and costs 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 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. | | | | |
|  | | | | **H H M M** |
|  | | **BEGINNING TIME**  [*MILITARY*] | | 0004  \_\_ \_\_ \_\_ \_\_ |
|  | | | | **SCREENING BOX** |
|  | | | | 0006 |
|  | **[*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 |

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| *[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 |  | PHONE |
| **POID**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | | | | **POID**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | | | |
| PARTNER NAME | | | | PARTNER NAME | | | |
| ADDRESS | | | | ADDRESS | | | |
| CITY | STATE | ZIP | PHONE NUMBER | CITY | STATE | ZIP | PHONE NUMBER |

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| **A** | **PEANUT FIELD SELECTION** | **A** |

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| 1. **How many acres of peanuts did this operation plant**  **for the 2004 crop year?** | **TOTAL PLANTED ACRES** |
| ► [*If no acres planted, review Screening Survey Information Form.*  *Make notes, then go to item 4 on back page***.** | 0050  .\_\_\_\_ |
|  | |
| 2. I will follow a simple procedure to make a random selection from the peanut fields  planted for the 2004 crop. | **TOTAL NUMBER OF FIELDS PLANTED** |
| **What is the TOTAL number of peanut fields that were planted on this**  **operation?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 0020 |
|  | *[If only 1 field, enter 1 and go to item 5.]* |
|  | |
| 3**. 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,*  a*nd 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.]*  ▶ *If peanuts are planted for more than one purpose in a field, treat each purpose as a separate field.*  *(i.e., if acres planted for peanuts and for a commercial seed contract are in the same field, treat as*  *two separate fields).* | |

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|  |  |  |
| **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 |

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| **APPLY “RANDOM NUMBER’ LABEL HERE** |  | | |
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|  | | | |
| 4. **[ENUMERATOR ACTION:** | | | **SELECTED FIELD**  **NUMBER** |
| *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*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | 0021 |
|  | | |  |
| 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.]* | | | |
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|  | | **OFFICE USE**  **OY Field Substituted** | |
|  | | 0022 | |

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

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|  | | | | | | **ACRES** | |
| 1. **How many acres of peanuts did this operation plant in this field for the**  **2004 crop?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | 1301 | .\_\_\_\_ |
|  | | | | | | **CODE** | |
| 2. **Were the acres in this field--** | 1. owned by this operation? 2. rented for CASH with the payment being a fixed cash amount? 3. rented for CASH with the payment being a flexible cash amount? | | | |  | 1302 | |
|  | 1. rented for a SHARE of the crop? 2. rented for some combination of CASH and SHARE of the crop? 3. used RENT FREE? | | | |  |  | |
|  | | | | | | **DOLLARS & CENTS PER ACRE** | |
| 3. [*If field is CASH RENTED (item 2 = 2, 3 or 5), ask*--]  **What was the cash rent paid per acre for this 2004 peanut field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | 1303  .\_\_\_ \_\_\_ | |
|  | | | | | | **PERCENT** | |
| 4. [*If field is SHARE RENTED (item 2 = 4 or 5), ask*--]  **What was the landlord’s share of the crop from this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | 1304 | |
|  | | | | | | **YEAR** | |
| 5. **What year did you** ( *the operator listed on the label*) **start operating this field?**. . . . . . . . . . . . . . . . . . . . . . | | | | | | 1307  \_\_\_ \_\_\_ \_\_\_ \_\_\_ | |
|  | | | | | | **CODE** | |
| 6. **What type of peanuts were planted on this field?**. . . . . . . . . . . . . . | | 1 Runner  2 Spanish | . . . . . . . . . . . . . . . . . . . | | | 1305 | |
|  | | 3 Virginia  4 Valencia |  | | |  | |
|  | | | | | | **MM DD YY** | |
| 7. **On what date was this field planted?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | 1308  \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | |
|  | | | | | |  | |
| 8. **Were the peanuts in this field planted with the intention of**  **being harvested as organic peanuts?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | **YES = 1** | | 1306 | |
|  | | | | | |  | |
|  | | | |  | | **INCHES** | |
| 9. **What was the average peanut row width?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | 1312 | |

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|  | | | **UNIT CODES**  **for Seeding Rate** |
|  | **UNITS** | | 1 = POUNDS  38 = SEEDS PER FOOT |
| 10. **What was the seeding rate per acre the first time this field**  **was planted?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 1310 | **.\_\_\_\_** | 1311 |

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|  | | | | | | | | **ACRES** | |
| 11. **How many acres in this field had to be replanted to peanuts?**  (*Number of acres times the number of times replanted*.). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | | | 1318  **.\_\_\_\_** |
|  | | | | | | | | | **CODE** |
| 12. **Was the source of the peanut seed--**. . . . . . . . . . . . . . . . . . | 1. Purchased? 2. Homegrown or traded? 3. Both? | | | . . . . . . . . . . . . . . | | | | | 1319 |
|  | | | | | | | | | **CODE** |
| a. Were inoculants used on the seed planted in this field?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | YES = 1 | | | | 1313 |
| (1) *If YES, ask---* | | **DOLLARS PER ACRE** | | | | **OR** | | **TOTAL DOLLARS** | |
| What was the cost for the inoculants used on the seed  planted in this field?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | 1314 | **.\_\_\_\_ \_\_\_\_** | | |  | | | 1315 |
| b. *[If item 12 = 2 or 3, ask--]* | | | | | | | | | **PERCENT** |
| How much of the peanut seed planted in this field was grown  (*or received in trade*) by this operation?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | | | 1320 |
|  | | | | | | | | | |
|  | | | | | | | **DOLLARS & CENTS PER POUND** | | |
| (1) What was the cost per pound for cleaning and treating this seed?. . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | 1321  **.\_\_\_\_ \_\_\_\_** | | |

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| 13. [*If any seed purchased (item 12 = 1 or 3), ask --]* | | | **UNIT CODES** |
|  | **DOLLARS & CENTS**  **PER UNIT** | | 1 = POUNDS  2 = CWT  3 = TONS  4 = BUSHEL  22 = ACRE  23 = 50 LB BAGS |
| **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****. Exclude*** *inoculants.*). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 1429 | **.\_\_\_ \_\_\_** | 1430 |

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|  | | **CODE** |
| 16. **Has harvest of this field been completed?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1343 |

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| 17. **Now I need information about the acres harvested (or to be harvested) and the yields from this field.** | | | |
| **How many acres in the peanut field**  **were (**will be)-- | **ACRES** | **1**  **What yield per acre did you get**  (do you expect  to get)  **for—**  **UNITS PER ACRE** | **2**  **UNIT CODES**  1= POUNDS  2= CWT  3= TONS  4= BUSHELS  **UNIT CODES** |
| a. harvested for peanuts?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 1346  **.\_\_\_\_** | 1347  **.\_\_\_\_** | 1348 |
| c. harvested for commercial seed contract?. . . . . . . . . . . . . . . . . . . . . . . . . | 1431  **.\_\_\_\_** | 1432  **.\_\_\_\_** | 1433 |
| d. abandoned?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 1351  **.\_\_\_\_** |  |  |

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| 18. **Was any peanut hay harvested from this field?** | | | | | | | | | | | | | | | | | | | | **CODE** |
| **YES** - [*Enter code 1 and continue.*] | | | | | | | | | **NO** - [*Go to item 21*.]. . . . . . . . . . . . . . . . . . . . . . . | | | | | | | | | | | 1354 |
|  | | | | | | | | | | | | | | | | | | | | **ACRES** |
| 19. **How many acres of peanut hay were harvested from this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | | | | | | | | | | | | | | 1355  **.\_\_\_\_** |
| a. How many **tons** of peanut hay were harvested from  this (*item 19*) acres? | | | | | | | | | | | | | | | |  | |  | **TOTAL TONS** | |
| \_\_\_\_\_\_\_**.\_\_\_**  Tons per Acre | X | \_\_\_\_\_\_  Acres | = | \_\_\_\_\_\_\_\_\_  Total Tons | **OR** | \_\_\_\_\_\_  Bales | X | \_\_\_\_\_\_\_\_\_\_\_\_\_  Lbs per Bales | | ÷ | 2000  Lbs per Ton | = | \_\_\_\_\_\_\_\_\_\_\_\_\_\_  Total Tons | | | . . . . . . . . . . . . . | | | 1356 | |
|  | | | | | | | | | | | | | | **PERCENT** | | | | **OR** | **TONS** | |
| b. Of the total peanut hay harvested from this field (item 19a),  what was the landlord’s share of the peanut hay?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | | | | | | | | 1357 | | | **.\_\_ \_\_** |  | 1358 | |
|  | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | |  | | |  | **TOTAL DOLLARS** | |
| c. What was the total cost of baler twine/wire used to bale the peanut hay  from this field? (***Include*** *landlord’s share*.). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | | | | | | | | | | | | | 1359 | |
|  | | | | | | | | | | | | | | | | | | | | |
| d. [*If any peanut hay was sold, ask---*] | | | | | | | | | | | | | | |  | | |  | **DOLLARS & CENTS**  **PER TON** | |
| What was the price received per ton for all peanut hay (*item 19a*) sold from this field?. . . . . . . . . . . . . | | | | | | | | | | | | | | | | | | | 1360 | |

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| **CROP CODE LIST for item 21**  **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 **No crop planted** during this period |
|  | 31 Sweetpotatoes |  |  |

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| 21. **Next, I need to know what crops were previously PLANTED on the majority of this field, including cover crops.** | | | | |
| **1**  **What crop was PLANTED on this field in---** | | | **2**  **Was this crop irrigated** | **3**  **Was this crop no-tilled ?**  **1/** |
|  | **CROP NAME** | **CROP CODE** | **YES = 1** | **YES = 1** |
| a. **FALL of 2003**?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . |  | 1366 | 1367 | 1368 |
| b. **SPRING/SUMMER of 2003**?. . . . . . . . . . . . . . . . . . . . . . . |  | 1369 | 1370 | 1371 |
| c. **FALL of 2002**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . |  | 1372 | 1373 | 1374 |
| d. **SPRING/SUMMER of 2002**?. . . . . . . . . . . . . . . . . . . . . . . |  | 1375 | 1376 | 1377 |
| e. **FALL of 2001**?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . |  | 1378 | 1379 | 1380 |
| f. **SPRING/SUMMER of 2001**?. . . . . . . . . . . . . . . . . . . . . . . . |  | 1381 | 1382 | 1383 |
| 1/ *Soil and previous crop residue left undisturbed from harvest to planting.* | | | | |

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| 22. **In 2004, did your land-use practices**  **for this field include---** | | **CODE** |
| a. terraces?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1384 |
| b. temporary or permanent levees?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1388 |
| c. grassed waterways?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1392 |
| d. filter strips or riparian buffers on or adjoining the field?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1396 |
| e. contour farming?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1400 |
| f. strip cropping?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1401 |
| g. underground outlets such as tile drainage?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1402 |
| h. other drainage channels or diversions?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1403 |

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|  | | **CODE** |
| 23. **Has the Natural Resource Conservation Service** (NRCS) **classified any**  **part of this field as “Highly Erodible”?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1404 |
| 24. **Have you been notified by NRCS that this field contains a wetland?**. . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1405 |
| 25. **In 2004, 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** | 1406 |
| 26. **In 2004, 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** | 1407 |

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| 27. **During 2004, did any written plan of the following types cover this field and if so, in what year was the plan implemented?**  (*A “written plan" is a plan prepared in accordance with Federal, State, or district standards.)* | | **CODE** | **YEAR IMPLEMENTED** |
| a. Conservation plan specifying practices to reduce soil erosion?. . . . . . . . . . . . . . . | **YES = 1** | 1408 | 1409  **\_\_\_ \_\_\_ \_\_\_ \_\_\_** |
| b. Comprehensive nutrient management plan specifying practices for  applying both fertilizer and manure?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1410 | 1411  **\_\_\_ \_\_\_ \_\_\_ \_\_\_** |
| c. Nutrient management plan specifying for land application  of manure only?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1412 | 1413  **\_\_\_ \_\_\_ \_\_\_ \_\_\_** |
| d. Pest management plan specifying pesticide use and/or other  practices controlling weeds, insects, or plant disease?. . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1414 | 1415  **\_\_\_ \_\_\_ \_\_\_ \_\_\_** |
| e. Irrigation water management plan specifying practices for applying  or conserving irrigation water?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1416 | 1417  **\_\_\_ \_\_\_ \_\_\_ \_\_\_** |

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| [*If items 27a, b, c, d or e = YES, ask---]* | | | **CODE** |
| 28. **During 2004, did you pay any technical service provider or consultant to develop or**  **write any of these plans which included this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | **YES = 1** | 1418 |
| a. [*If YES, ask---*] | **DOLLARS & CENTS**  **PER ACRE** | **OR** | **TOTAL DOLLARS** |
| What was the cost for developing these plans for this field?  (***Include*** *landlord’s/contractor’s share.*  *(****Exclude*** *cost of construction or materials*.). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 1419  **.\_\_\_\_ \_\_\_\_** |  | 1420 |

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| 29.**Was the peanut crop on this field covered by Crop Insurance in 2004?** | | **CODE** |
| **YES** - [*Enter code 1 and continue*.]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  **NO** - [*Go to* ***Section C***.] | **YES = 1** | 1421 |
| *If YES*, which coverages did you obtain?  [*Enter code for all that apply*.] | | |
| a. **Basic catastrophic insurance** (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** | 1422 |
| b. **Buy-up on Basic Federal CAT** for higher levels of yield and price protection  (such as 65% of yield and 100% price, multi peril crop insurance).. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1423 |
| c. **Revenue Insurance** include income Protection (IP),  Crop Revenue Coverage (CRC), and Revenue Assurance(RA). . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1424 |
| d. **Other Federal Crop Insurance**  (Group Risk Plan, Adjusted Gross Revenue, Group Risk Income Protection, etc.). . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1425 |
| e. **Other Private Crop Insurance**  (Hail, wind, freeze, etc.). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1426 |

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| **C** | **FERTILIZER and NUTRIENT ALPPLICATIONS---**SELECTED FIELD | **C** |

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|  | | **CODE** | **EDIT TABLE** |
| 1. **Were commercial FERTILIZERS applied to this field for the 2004**  **peanut crop?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0202 | 0201 |
| 2. [*If COMMERCIAL fertilizer applied, continue, else go to item 5.]* | | | |
|  | | | **NUMBER** |
| 3. **How many commercial fertilizer applications were made to this field for the 2004 crop?**  (***Include*** *applications made by airplanes and commercial applicators*). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | 0203 |

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| 4. **Now I need to record information for each application** | | | | |
| **CHECKLIST** | |  | | |
| **INCLUDE** | **EXCLUDE** |  | | |
| Custom applied fertilizers | Micronutrients |  | **T-TYPE** | **TABLE** |
| Fertilizers applied in the fall of  2003 and those applied earlier  if this field was fallow in 2003. | Unprocessed manure  Fertilizer applied to previous  crops in this field |  | **2** | **001** |
| Commercially prepared manure | Lime and Gypsum/landplaster | **Line**  **99** | **Office Use**  **Lines in Table** | 0213 |

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| **L**  **I**  **N**  **E** | **2**  **MATERIALS USED**  [*Enter percentage analysis or actual pounds of plant nutrients applied per acre*.]  [*Show Common Fertilizers in Respondent Booklet*.] | | | **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 In the fall  Before seeding  2 In the spring  Before seeding  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 | | | **7**  **How many**  **Acres were**  **Treated**  **In this**  **Application?**  **ACRES** | |
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|
| **N**  Nitrogen | **P2O5**  Phosphate | **K2O**  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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|  | | | | | **CODE** |
| 5. **Was sulfur applied to this field for the 2004 peanut crop?**  **(*Include*** *direct applications and sulfur applied as a component of a fertilizer applications*.). . . . . . . . . . . . . . . | | | **YES = 1** | | 0216 |
| a. [*If sulfur applied, ask--]* | | | | | **POUNDS PER ACRE** |
| How many pounds of sulfur were applied per acre?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | 0217  **.\_\_\_\_** |
|  | | | | | **CODE** |
| 6. **Was gypsum/landplaster applied to this field for the 2004 peanut crop**?. . . . . . . . . . . . . . . | | | **YES = 1** | | 0218 |
|  | | | | | **POUNDS** |
| a. *If YES, ask*---How many pounds of gypsum/landplaster were applied per acre?. . . . . . . . . . . . . . . . . | | | | | 0264 |
|  | **DOLLARS & CENTS**  **PER ACRE** | | | **OR** | **TOTAL DOLLARS** |
| b. What was the cost for the gypsum/landplaster applied to this field? | 0265 | **.\_\_\_ \_\_\_** | |  | 0266 |
|  | | | | | **CODE** |
| c. Was the source of most of the gypsum/landplaster used on this field  phosphogypsum (a by-product of phosphate mining)?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | **YES = 1** | | 0267 |

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| 7. **Were any fertilizers applied by custom applicators?** | | | | | | |
| **YES** - [*Continue*.] | **NO** - [*Go to item 8*.] | | | | | |
| a. Are you able to report the cost of fertilizer materials and custom application  separately? | | | | | **OFFICE USE** | |
| **YES** - [*Continue*.] | **NO** - [*Go to item 8*.] | | | | 0215 | |
| b. Excluding the cost of the fertilizer materials, how much was spent for custom  application of fertilizers on this field? | | | | | | |
| **(*Include landlord and contractor costs*.** | | **DOLLARS & CENTS**  **PER ACRE** | | **OR** | | **TOTAL DOLLARS** |
| ***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 8.]*. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | 0219 | **.\_\_\_\_ \_\_\_\_** | 0220 |
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|  | **DOLLARS & CENTS**  **PER ACRE** | | **OR** | **TOTAL DOLLARS** |
| 8. **What was the TOTAL COST of all fertilizer products applied to**  **this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 0221 | **.\_\_\_\_ \_\_\_\_** | 0222 |
| (***Include landlord and contractor costs*.** | | | | |
| ***Exclude*** *lime, gypsum, & 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 2003*.*]* | | | | |

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|  | | | | **POUNDS**  **PER ACRE** |
| 9. **What was your yield** **goal at planting for this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | 0223 |
|  | | | |  |
| 10. **Was a soil or plant tissue test performed on this peanut field in 2003**  **or 2004 for the 2004 crop?** | | | |  |
| **YES** [*Continue*.] | **NO** - [*Go to item 15*.] | | |  |
|  | | | | **CODE** |
| 11. **Was a soil test for phosphorus performed on this peanut field in 2003**  **or 2004 for the 2004 crop?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | **YES = 1** | | 0225 |
| a. [*If phosphorus test done, ask*---] | | | | **POUNDS**  **PER ACRE** |
| **How many pounds of phosphorus (***per acre*) **were recommended**  (*by the phosphorus test*)**?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | 0226 |
|  | | | | **CODE** |
| 12. **Was a soil test for nitrogen performed on this peanut field in 2003**  **or 2004 for the 2004 crop?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | **YES = 1** | | 0227 |
| a. [*If nitrogen test done, ask---]* | | | | **POUNDS**  **PER ACRE** |
| **How many pounds of nitrogen (***per acre*) **were recommended**  (*by the nitrogen test*)**?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | 0228 |
|  | | | **CODE** | |
| 13. **Was a plant tissue test for nutrient deficiency performed on this field in 2003**  **or 2004 for the 2004 peanut crop?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | **YES = 1** | | 0229 |

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|  | | **DOLLARS & CENTS PER ACRE** | | **OR** | **TOTAL DOLLARS** |
| 14. **How much was spent for these soil and plant tissue tests**  **on this field?** *[****Include*** *landlord and contractor costs.]*. . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | 0230 | **.\_\_\_\_ \_\_\_\_** | 0231 |
|  | | | | | |
| a. If tests were done at no cost explain--- | 1. Soil/plant tissue test provided free of charge by dealer, crop consultant, or extension service. 2. Soil/plant tissue test costs were included in the total fertilizer costs reported in item 8. 3. Some other reason. | | |  | **CODE** |
|  | …… | 0232 |
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| 15. [***Enumerator Action: Refer to the Fertilizer Table, column 2.***  *If nitrogen (N) was applied, complete items 16 and 17.*  *If NO nitrogen applied, go to item 18.*] | | |
|  | | |
| 16. **Was the amount of nitrogen you decided to apply to this field based on---**  [*Enter code for all that apply.*] | | |
|  | | **CODE** |
| a. Results of a soil or plant tissue test?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0233 |
| b. Crop consultant recommendation?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0234 |
| c. Fertilizer dealer recommendation?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0235 |
| d. Extension Service Recommendation?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0236 |
| e. Cost of nitrogen and/or expected commodity price?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0237 |
| f. Contractor recommendation?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0238 |
| g. Routine practice (operator’s own determination based on past  experience, yield goal, etc.)?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0239 |
|  | | **CODE** |
| 17. **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** | 0241 |
|  | | **CODE** |
| 18. **Is lime ever applied to this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0242 |
| a. [*If no lime applied, go to item 19---else continue*.] | | **YEARS** |
| On average, how many years are there between applications of **lime** to this field?. . . . . . . . . . . . . . . . . | | 0243 |
|  | | **TONS PER ACRE** |
| b. How many tons of **lime** were applied per acre the last time it was applied to  this field?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | 0244  .\_\_\_\_ \_\_\_\_ |
| c. [*If rented, ask---]* | | **PERCENT** |
| Considering the last time it was applied, what percent of the total cost of lime and  its application was paid by the landlord(s)?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | 0245 |

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| 19. **Was manure applied to this field for the 2004 peanut crop?**  (***Exclude*** *commercially prepared manure*.) | | | | | | | | | | | | | | | **CODE** |
| **YES** - [*Enter code 1 and continue.]* | | | **NO** - [*Go to* ***Section D***.]. . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | | | | | | 0246 |
|  | | | | | | | | | | | | | | | **ACRES** |
| a. How many acres was manure applied to?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | | | | | | | | | 0247  **.\_\_\_\_** |
| b. What was the amount of manure applied  to this field?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | 1 TONS  2 GALLONS | |  | **CODE** | | **AND** | | **UNITS PER ACRE** | | | | | **OR** | **TOTAL UNITS** |
|  | | 3 BUSHELS | | …... | 0248 | | 0249 | | | | | 0250  **.\_\_\_\_ \_\_\_\_** |
|  | | | | | | | | | | | | | | | **MILES** |
| c. What is the distance between the manure storage/production location and  the manured field?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | | | | | | | | | 0251  **.\_\_\_\_** |
|  | | | | 1 TONS  2 GALLONS | | | | . . . . . . . . | | **CODE** | | | **AND** | | **TOTAL UNITS** |
| d. What was the capacity of the manure spreader used to  apply manure to this field?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | 3 BUSHELS | | | | 0252 | | | 0253  **.\_\_\_\_ \_\_\_\_** |
| e. What was the percent of manure applied--- | | | | | | | | | | | | | | | **PERCENT** |
| (1) in the fall before planting?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | | | | | | | | **+** | 0254 |
| (2) in the spring before planting?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | | | | | | | | **+** | 0255 |
| (3) after planting?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | | | | | | | | **+** | 0256 |
|  | | | | | | | | | | | | | | | **100%** |
| f. Was the manure--- | 1 Lagoon liquid?  2 Slurry liquid? | | | | |  | | | | | | | | | **CODE** |
|  | 3 Semi – dry or dry? | | | | | . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | | | 0257 |
|  | | | | | | | | | | | | | | | |
| g. Was the manure---- | 1 Broadcast or sprayed *without* incorporation?  2 Broadcast or sprayed *with* incorporation? | | | | | | | | | |  | | | | **CODE** |
|  | 3 Injected/knifed in?  4 Sprayed using irrigation systems? | | | | | | | | | | . . . . . . . . . . . | | | | 0258 |
|  | | | | | | | | | | | | | | | |
| h. Was the major source of the  manure from--- | 1 Beef cattle?  2 Dairy cattle? | | | | | | | | | | |  | | | **CODE** |
|  | 3 Hogs?  4 Sheep?  5 Poultry? | | | | | | | | | | | . . . . . . . . . . | | | 0259 |
|  | 6 Equine?  7 Biosolids (municipal sludge, food waste, etc.)?  8 Other (Specify) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_? | | | | | | | | | | |  | | |  |
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| i. Was the manure--- | 1 Produced on this operation?  2 Purchased? | | | | | | | | | | |  | | | **CODE** |
|  | 3 Obtained at no cost off this operation?  4 Obtained with compensation? | | | | | | | | | | | . . . . . . . . . . | | | 0260 |

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|  | | **CODE** |
| 20. **Were the manure APPLICATION RATES to this field influenced by**  **State or local restrictions?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0261 |
| a. [*If item 20 is YES, ask---]*  What basis was used to determine these manure application rate restrictions-- | | |
| (1) Nitrogen requirement of the crop?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0262 |
| (2) Phosphorus requirement of the crop?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0263 |

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| **NOTES** |
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| **D** | **PESTICIDE APPLICATIONS---**SELECTED FIELD | **D** |

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| **Now I have some questions about all the pesticides used on this field**  **for the 2004 peanut crop including both custom applications**  **and applications made by this operation.** | | | |
|  | | **CODE** | **EDIT TABLE** |
| 1. **Were any herbicides, insecticides, fungicides or other chemicals**  **used on the peanut field for the 2004 crop?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0302 | 0301 |

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| [*Probe for applications made in the fall of 2003 (and those made earlier if this field was fallow*).]  [If *no pesticides applied, go to* ***Section E****.]* | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | |  | | **T - TYPE** | | | | | **TABLE** | |
| **Include** defoliants, fungicides, herbicides,  insecticides, and pesticides | | | | | | **Exclude** fertilizers reported earlier and  seed treatments. | | | | | | |  | | **3** | | | | | **001** | |
| **Include** biological and botanical pesticides. | | | | | |  | | | | | | | **LINE**  **99** | | **OFFICE USE**  **LINE IN TABLE** | | | | | 0319 | |
|  | | | | | | | | | | | | | | | | | | | | | |
| **CHEMICAL**  **PRODUCT**  **NAME** |  | | **2** | **3** | | | | **4** | **5** | | | **6 OR 7** | | | | | | | | | **8** |
| **L**  **I**  **N**  **E** | | **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 Liquid Ounces  28 Dry 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 Trade name**  **And Formulation** | | |  | **Form Purchased**  (Liquid or Dry) | | | | |  | | **Where Purchased**  [ASK only if EPA No.  cannot be reported.] | | | |
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| **APPLICATIONS CODES for column 9** | | | | | | |  |  | | | |  | |
| 1 Broadcast, ground without incorporation  2 Broadcast, ground with incorporation | | | | 6 Chisel/Injected or Knifed in  7 Banded in or over row | | |  | [**ENUMERATOR NOTE**:  Use these columns only if | | | |  | |
| 3 Broadcast, by air (*Aerial application*)  4 In Seed furrow  5 In Irrigation water | | | | 8 Foliar or directed spray  9 Spot treatments | | |  | TOTAL COST  (item 4 on next page)  cannot be provided.] | | | |  | |
| **↓** | | | |  | | |  |  | | | |  | |
| [*If column 9 = 9, then column 6 and column 10 must be blank*] | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | |
|  | **9** | **10** | | **11** | | **12** | | | **OPTIONAL ITEM 4** | | | | |
|  |  |  | |  | |  | | | **What was the cost per unit of the product?** | | | | |
|  |  |  | |  |  | | | |  | | **UNIT CODE** | | |
| **L**  **I**  **N**  **E** | **How**  **was**  **this**  **product**  **applied?**  [*Enter code*  *from above*.] | **How many**  **acres in this**  **field were**  **treated with**  **this product?**  **ACRES** | | **How many**  **times was it**  **applied?**  **NUMBER** | **Were these**  **applications**  **made by—**  1 Operator, Partner or family member?  2 Custom applicator?  3 Employee/Other? | | | | **DOLLARS**  **and**  **CENTS**  **PER UNIT** | | 1 Pounds  12 Gallons  13 Quarts  14 Pints | | 15 Liquid Ounces  28 Dry Ounces  30 Grams |
| **01** | 0311 | 0312 | **.\_\_\_\_** | 0313 | 0316 | | | | 0317 | **.\_\_\_\_ \_\_\_\_** | 0318 | | |
| **02** | 0311 | 0312 | **.\_\_\_\_** | 0313 | 0316 | | | | 0317 | **.\_\_\_\_ \_\_\_\_** | 0318 | | |
| **03** | 0311 | 0312 | **.\_\_\_\_** | 0313 | 0316 | | | | 0317 | **.\_\_\_\_ \_\_\_\_** | 0318 | | |
| **04** | 0311 | 0312 | **.\_\_\_\_** | 0313 | 0316 | | | | 0317 | **.\_\_\_\_ \_\_\_\_** | 0318 | | |
| **05** | 0311 | 0312 | **.\_\_\_\_** | 0313 | 0316 | | | | 0317 | **.\_\_\_\_ \_\_\_\_** | 0318 | | |
| **06** | 0311 | 0312 | **.\_\_\_\_** | 0313 | 0316 | | | | 0317 | **.\_\_\_\_ \_\_\_\_** | 0318 | | |
| **07** | 0311 | 0312 | **.\_\_\_\_** | 0313 | 0316 | | | | 0317 | **.\_\_\_\_ \_\_\_\_** | 0318 | | |
| **08** | 0311 | 0312 | **.\_\_\_\_** | 0313 | 0316 | | | | 0317 | **.\_\_\_\_ \_\_\_\_** | 0318 | | |
| **09** | 0311 | 0312 | **.\_\_\_\_** | 0313 | 0316 | | | | 0317 | **.\_\_\_\_ \_\_\_\_** | 0318 | | |
| **10** | 0311 | 0312 | **.\_\_\_\_** | 0313 | 0316 | | | | 0317 | **.\_\_\_\_ \_\_\_\_** | 0318 | | |
| **11** | 0311 | 0312 | **.\_\_\_\_** | 0313 | 0316 | | | | 0317 | **.\_\_\_\_ \_\_\_\_** | 0318 | | |
| **12** | 0311 | 0312 | **.\_\_\_\_** | 0313 | 0316 | | | | 0317 | **.\_\_\_\_ \_\_\_\_** | 0318 | | |
| **13** | 0311 | 0312 | **.\_\_\_\_** | 0313 | 0316 | | | | 0317 | **.\_\_\_\_ \_\_\_\_** | 0318 | | |
| **14** | 0311 | 0312 | **.\_\_\_\_** | 0313 | 0316 | | | | 0317 | **.\_\_\_\_ \_\_\_\_** | 0318 | | |

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| 3. **Were any chemicals or pesticides applied by custom applicators?** | | | | | | | |
| **YES** – [*Continue.*] | | **NO** - [*Go to item 4*.] | | | | | |
|  | | | | | | | **OFFICE USE** |
| a. Are you able to report the cost of chemical product and custom application  separately? | | | | | | | 0324 |
| **YES** – [*Continue.*] | | NO - [*Go to item 4*.] | | | | | |
| b. Excluding the cost of the chemical product, how much was spent for | | | **DOLLAR & CENTS**  **PER ACRE** | | | **OR** | **TOTAL DOLLARS** |
| custom application of chemicals and pesticides on this field?  (***Include*** *operator and landlord cost.)*. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | 0331 | **.\_\_\_\_ \_\_\_\_** | |  | 0332 |
|  | | | **DOLLAR & CENTS**  **PER ACRE** | | | **OR** | **TOTAL DOLLARS** |
| 4. **What was the TOTAL COST of all chemical products applied to**  **this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | 0334 | **.\_\_\_\_ \_\_\_\_** | |  | 0335 |
| **Include** *operator and landlord cost, defoliants, herbicides, insecticides, fungicides,*  *surfactants, wetting agents, growth regulators, and materials applied before planting*  *and during 2003 fallow period.* | | | | | | | |
| **Exclude** *seed treatments* | | | | | | | |
|  | **NOTE 1**: *If respondent cannot report TOTAL COST, itemize cost for each product in*  *optional columns in Pesticide Table, item D1.* | | | |  | | |
|  | **NOTE 2**: *For custom applications. If respondent cannot report cost of chemical*  *product separately from application costs, report both in item 4*. | | | |  | | |

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

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| **Now I have some questions about your pest management decisions and practices**  **used on this field for the 2004 peanut crop.**  **By pests, we mean WEEDS, INSECTS, and DISEASES.** | | | | | **T-TYPE**  **0** | **TABLE**  **000** | **LINE**  **00** |
|  | | | | | | | |
| 1. **[Enumerator Action: Were PESTICIDE APPLICATIONS reported in Section D?]** | | | | | | | |
| **YES** - [*Continue*.] | **NO** - [*Go to item 10.*] | | | | | | |
|  | | | | | | **CODE** | |
| 2. **Was weather data used to assist in determining either the need or when to make**  **pesticide applications?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | **YES = 1** | 0800 | |
| 3. **Were any biological pesticides such as Bt** (*Bacillus thuringiensis)***, insect growth**  **regulators neem or other natural/biological based products sprayed or applied to**  **manage pests in this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | **YES = 1** | 0801 | |
| 4. **Were pesticides with different mechanisms of action rotated or tank mixed for the**  **primary purpose of keeping pests from becoming resistant to pesticides?**. . . . . . . . . . . . . . . . | | | | | **YES = 1** | 802 | |
|  | | | | | | | |
| 5. [***Enumeration Action: Were HERBICIDES used (pesticide product codes 4000-4999*),**  ***Section D, item 1, column 2*?]** | | | | | | | |
| **YES** - [*Continue*.] | **NO** - [*Go to item 8.*] | | | | | | |
|  | | | | | | **CODE** | |
| 6. **Were herbicides applied to this peanut field BEFORE weeds emerged?**  [*If item 6 = YES, ask---]*. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | **YES = 1** | 0803 | |
|  | | | | |  | **CODE** | |
| 1. Were the herbicides applied BEFORE   weeds emerged on this peanut | | 1 routine treatments of what **weeds** are usually present? | . . . . . . . . . . . . . . . . | | | 0804 | |
| field based primarily on--- | | **OR**  2 weed scouting from the previous year? |  | |  |  | |
|  | | | | | | **CODE** | |
| 7. **Were herbicides applied to this peanut field AFTER weeds emerged?**  [*If item 7 = YES, ask---*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | **YES = 1** | 0805 | |
| a. Were the herbicides applied AFTER  weeds emerged on this peanut | | 1 routine treatments of what **weeds** are usually present? |  | |  | **CODE** | |
| field based primarily on--- | | **OR**  2 weed scouting from the current year? | . . . . . . . . . . . . . . . . | | | 0806 | |
|  | | | | | | | |
| 8. **[*Enumeration Action: Were INSECTICIDES used (pesticide product codes 1000 – 1999*),**  ***in Section D, item 1, column 2*?]** | | | | | | | |
| **YES** - [*Continue*.] | **NO** - [*Go to item 10.*] | | | | | | |
|  | | | | | | **CODE** | |
| 9. **Were the insecticides applied to this peanut**  **field based primarily on---** | | 1 routine treatments of what **insects** are usually present? | | . . . . . . . . . . . . . . . | | 0807 | |
|  | | **OR**  2 scouting for insect infestation? | |  |  |  | |

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|  | | | | | | **CODE** |
| 10. **In 2004, how was this field primarily scouted for insects, weeds,** | 1 By conducting general observations while performing routine tasks? *[Enter code 1 and go to item 13*.] | . . . . . . . . . . . . | | | | 0808 |
| **diseases, and/or beneficial organisms---** | 2 By deliberately going to the field specifically for scouting activities? *[Enter code 2 and go to item 11.]* |  | | | |  |
|  | 3 This field was not scouted.  [*Enter code 3 and go to item 18.*] |  | | | |  |
|  | | | | | | **CODE** |
| 11. **Was an established scouting process used** (*systematic sampling, recording counts, etc*.)  **or were insect traps used in this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | **YES = 1** | | 0809 |
|  | | | | | | |
| 12. **Was scouting for pests done in this field due to---** | | | | | **CODE** | |
| a. a pest advisory warning?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | **YES = 1** | | | 0810 |
| b. a pest development model?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | **YES = 1** | | | 0811 |

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| 1 | | 2 | 3 |
| 13. **Was this peanut field scouted for--** | **YES = 1** | [*If* ***YES****, ask---]*  **Was the**  **infestation level for** [*column 1*]—  1 Worse than normal  2 Normal  3 Less than normal  **CODE** | [*If column 1 =* ***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?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 0812 | 0813 | 0814 |
| b. insects. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 0815 | 0816 | 0817 |
| c. diseases?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 0818 | 0819 | 0820 |
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| 14. [*If scouted by crop consultant or commercial scout, ask---]*  *else go to item 15.]* | **DOLLARS & CENTS**  **PER ACRE** | | **OR** | **TOTAL DOLLARS** |
| **How much did you pay for the scouting services for this field?**  [***Include*** *landlord and contractor cost*.]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 0821 | **.\_\_\_ \_\_\_** |  | 0822 |
|  | | | | **OFFICE USE** |
| a. [***Note:*** *If scouting performed at no cost, explain*: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_]….. | | | | 0333 |

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|  | | **CODE** |
| 15. **Were written or electronic records kept for this field to track the**  **activity or numbers of weeds, insects or diseases?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0823 |
| 16. **Was scouting data compared to published information on infestation**  **thresholds to determine when to take measures to manage pests in field?**. . . . . . . . . . . . . . . | **YES = 1** | 0824 |
| 17. **Was field mapping data used for making weed management decisions**  **on this field**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0825 |

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| --- | --- | --- |
| 18. **Were the services of a diagnostic laboratory used for pest identification**  **or soil plant tissue pest analysis for this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0826 |
| a. Was this test done specifically to test for nematodes?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0827 |

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| 19. **Were crop residues plowed down or removed in this field to manage pests?**. . . . . . . . . . . . | **YES = 1** | 0828 |
|  | | |
| 20. **Were crops rotated in this field during the past 3 years for the purpose of**  **managing pest problems?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0829 |
|  | |  |
| 21. **Were ground covers, mulches or other physical barriers maintained**  **for this field to manage pest problems?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0830 |
|  | | |
| 22. **Was a crop variety chosen to plant in this field because it had resistance**  **to a specific pest?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0831 |
|  | |  |
| 23. **Was no-till or minimum till used to manage pests in this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0832 |
|  | | |
| 24. **Were planting locations planned to avoid cross infestation of pests?**. . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0833 |
|  | |  |
| 25. **Were planting or harvesting dates adjusted for this field to**  **manage pests?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0834 |

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| 26. **Was row spacing or plant density adjusted in this field to manage pests?**. . . . . . . . . . . . . . . | **YES = 1** | 0835 |
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| --- | --- | --- |
| 27. **Was a trap crop grown to help manage insects in this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0836 |
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| 28. **Were any beneficial organisms** (*insects, nematodes, fungi*)  **applied or released in this field to manage pests?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | **YES = 1** | | 0837 |
|  | | | | | |
| 29. **Were floral lures, attractants, repellants, pheromone traps or other**  **biological pest controls used on this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | **YES = 1** | | 0838 |
| a. [*If item 28 or 29 = YES, ask*---] | | | | | |
| What were the TOTAL materials and application costs for all  biological pests controls for this field? | **DOLLARS & CENTS**  **PER ACRE** | | | **OR** | **TOTAL DOLLARS** |
| [**I*nclude*** *landlord’s and contractor’s share.*  ***Exclude*** *biological pesticides and BWEP traps.]*. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 0839 | **.\_\_\_\_ \_\_\_\_** | |  | 0840 |

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| 30. **Was this field cultivated for weed control during the growing season**. . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0841 |
| a. [*If YES, ask*---] | | **NUMBER** |
| How many times did you cultivate this field for weed control during the growing season? | | 0842 |

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| --- | --- | --- |
| 31. **Were field edges, lanes, ditches, roadways or fence lines**  **chopped, mowed**, **plowed, or burned to manage pests for this field?**. . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0843 |
|  | | |
| 32. **Were equipment and implements cleaned after completing field work**  **to reduce the spread of pests?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 0844 |

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| **PEST MANAGEMENT INFORMATION** | | | | | | |
| 33. [ *Show Pest Management Information Sources Code List from Respondent Booklet*.] | | | | | | |
| **Which outside sources of information on pest management practices and products were**  **used for the 2004 peanut crop?** | | | | | | |
| (*Starting with the most influential in determining the pest management practices used on this*  *operation, enter code(s) for up to 3 sources.)* | | | | | | |
| **PEST MANAGEMENT INFORMATION SOURCES CODE LIST** | | | | | | |
| 1 County, Cooperative, or university Extension Advisor,  Publications or demonstrations |  | | | | [Enter up to 3 source codes.] | |
| 2 Farm Supply or Chemical Dealer |  | | |  | | |
| 3 Commercial Scouting Service |  | | | **FIRST** | | |
| 4 Independent Crop Consultant or  Pest Control Advisor/Custom Applicator | . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | 0845 | | |
| 5 Other Growers or Producers |  | | |  | | |
| 6 Producer Associations, Newsletters or Trade Magazines |  | | | **SECOND** | | |
| 7 Electronic Information Services  (*DTN, Internet, World Wide Web, etc*.) |  | | | 0846 | | |
| 8 Employee Pest Advisor |  | | |  | | |
| 9 Other – (Specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_) |  | | | **THIRD** | | |
| 10 None – Operator used no **outside** information source |  | | | 0847 | | |
|  | | | | **CODE** | | |
| 34. **Other than pesticide applicator training, have you (***the operator***) attended any**  **training session on pest identification and management since October 1, 2003?**. . . . . . . . | | | **YES = 1** | 0848 | | |
|  | | | | | | |
|  | | **Completion Code for Pest Management Data** | | | | |
|  | | 1- Incomplete/Refusal | | | | 0340 |

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

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| 1. **Now I need to list all tractors used to produce**  **peanuts on this selected field.** | | | | | **CHECK LIST** | | | | | |
|  | | | | | **Include** | | **Exclude** | | | |
|  | | | | | Tractors owned, rented,  leased or borrowed | | Tractors provided by custom  operators | | | |
|  | | | | | | | | | | |
| **1** | **2** | **3** | | **4** | | **5** | | | **6** | |
|  | **What tractors**  **were used on this field**  **MAKE and MODEL** | **What was the**  **model year**  (Example: 2004)  **YEAR** | | **Is this vehicle a---**   1. 2-wheel drive tractor 2. 2-wheel drive tractor with   front wheel assist   1. 4 -wheel drive tractor 2. crawler or other tracked-tractor 3. other tractor   **CODE** | | **What is its**  **PTO**  **Horsepower**  **PTO**  **HORSEPOWER** | | | **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 | |
| **\_\_\_ \_\_\_ \_\_\_ \_\_\_** | |
|  | | | | | | | | | | |
| 2. **Was a self-propelled harvester used to harvest the peanuts from this field?** | | | | | | | | | | |
| **YES** - [*Continue.]* | | | **NO** - [*Go to item* 3*.]* | | | | | | | |
| [*If item 2 = YES, ask---]* | | | | | | | | **YEAR** | | |
| a. What is the model year of the self-propelled harvester(s) used to harvest peanuts  from this field? (*Report the average year if more than one was used*.). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | | 0849 | | **\_\_\_ \_\_\_ \_\_\_ \_\_\_** |

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| 3. **Including custom operations, I need to list field work performed**  **by machines on this field for the 2004**  **peanut crop. Please…** | | | **CHECK LIST**  **Include** all field work using machines for--- |
| ► Begin with the first field operation after harvest of previous crop,  (*If fallow during 2003, list operations starting with fall 2002*.) | | | Land Forming/Levee Building |
| ► List the operations in order through harvest and hauling of this  crop to storage or first point of sale, and | | | Tillage |
| ► Maintain the order of tandem hook-ups. | | | Preparing for Irrigation |
|  | **CODES FOR COLUMN 5** |  | Planting |
|  | 1. You (The Operator)?   2 Partner? |  | Fertilizer & Pesticide applications  Harvesting & Hauling peanuts and peanut hay to storage or first point of sale |
|  | 1. Unpaid Worker?   4 Paid Part-time or Seasonal Worker? |  | **Exclude**  Lime & Gypsum\landplaster applications |
|  | 1. Paid Full-time Worker   6 Custom Applicator?---[*Go to Column 11*.] |  |  |
|  | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2** | **3** | **4** | **5** | **[IF CUSTOM(*column 5 = code 6* ), *skip columns 6-10*]** | | | | | | | **11** |
|  |  |  |  | **6** | **7** | **8** | **9** | | **10** | |  |
| **S**  **E**  **Q**  **U**  **E**  **N**  **C**  **E**  **No.** | **What**  **operation**  **or**  **equipment**  **was used?** | [*Record machine*  *code*  *from*  *Respondent*  *Booklet.]*  **CODE** | **Who was**  **the machine**  **operator-**  [*Enter*  *code*  *from*  *above*.]  **CODE** | **What**  **was the**  **size or**  **swath**  **of the**  [*machine*]  **used?** | [*Record size code*.]  1 Feet  2 Row  3 Moldboard (*bottoms*)  Hauling  4 Pounds  5 Bushels  6 Tons  **CODE** | **Which tractor**  **Was used?**  *[*Record line number from item 1.]  66 Animal Drawn  77 Pick up  99 Self-Propelled  **1/** | **How**  **many**  **acres**  **were**  **covered?**  **2/**  **ACRES** | | **How many**  **acres were**  **covered per**  **hour?**  **ACRES PER**  **HOUR** | | **In what**  **month**  **and**  **year**  **was this**  **operation**  **done?**  **MM YY** |
| 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 | 0483 | 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/ *If trucks other than pick-ups are used as the power source, use truck codes in Respondent Booklet* | | | | | | | | | | **OFFICE USE** | |
| 2/ *For backhoes, disk border maker, ditch closer, ditcher, levee-plow disk, quarter drain machine, rear mounted*  *blade, and hauling operations, enter* ***TOTAL HOURS****, and leave column 10 blank.* | | | | | | | | | | 0032 | |

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| --- | --- | --- | --- |
| 4. **I need some information about the additional labor, other than the labor just reported operating**  **machines, that worked on this field.** | | | |
| **Please report the paid and unpaid labor that worked on this field to produce the 2004 peanut crop.** | | | |
|  | **1**  **How many hours did (***type of worker)* **spend on this field---** | | |
| **TYPE OF WORKERS** | **a.**  **scouting for**  **weeds and**  **insects?**  **HOURS** | **b.**  **irrigating**  **HOURS** | **c.**  **for overhead activities**  (*moving and loading inputs, manual*  *operations, overseeing hired labor,*  *bookkeeping and other management activities)*  **HOURS** |
| Operator, partners, family members and  other unpaid workers. . . . . . . . . . . . . . . . . . . . . | 1100 | 1101 | 1103 |
| Full-time hired workers  (***Exclude*** *custom and contract labor*). . . . . . . . . . . . | 1105 | 1106 | 1108 |
| Part-time or seasonal hired workers  (***Exclude*** *custom and contract labor*). . . . . . . . . . . . | 1110 | 1111 | 1113 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | | **DOLLARS & CENTS**  **PER HOUR** | |
| 5. **What was the average hourly wage rate paid to full-time hired workers?**  (***Exclude*** *custom and contract workers, payroll taxes and benefits.*). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | 1114 | **.\_\_\_\_ \_\_\_\_** |
|  | | **DOLLARS & CENTS**  **PER HOUR** | |
| 6. **What was the average hourly wage rate paid to part-time or seasonal hired workers?**  (***Exclude*** *custom and contract workers, payroll taxes and benefits.*). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | 1115 | **.\_\_\_\_ \_\_\_\_** |
|  | | **CODE** | |
| 7. **Was any contract labor used on this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1116 | |
|  | | **DOLLARS & CENTS**  **PER ACRE** | |
| a. *If YES, ask* – What was the average cost per acre for this contract labor?  (***Include*** *landlord and contractor costs*.). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | 1117 | **.\_\_\_\_ \_\_\_\_** |
|  | | **PERCENT** | |
| 8. **What percent of the total hours worked on this field by UNPAID workers**  **was worked by children under 16 years old?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | 1118 | |

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| 9. **Now I need some information on how much was spent for custom services used on this**  **field for the 2004 peanut crop.** | | | |
|  | | | |
| √ | 1  **CUSTOM SERVICE**  **Which of these services were done for the 2004 peanut**  **crop on this field?**  [*Check √ box for each service performed; refer to item F3 if necessary*.] | 2  **Including**  **landlord’s/contractor’s**  **cost,**  **how much was spent**  **for**  *[column 1*] **on**  **this field for the 2004**  **peanut crop?**  **DOLLARS & CENTS**  **PER ACRE** | |
|  | a. custom land preparation, shaping and/or leveling?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 1119 | **.\_\_\_ \_\_\_** |
|  | b. custom cultivating?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 1120 | **.\_\_\_ \_\_\_** |
|  | c. custom planting and/or reseeding?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 1121 | **.\_\_\_ \_\_\_** |
|  | d. custom harvesting?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 1122 | **.\_\_\_ \_\_\_** |
|  | 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.) | 1126 | **.\_\_\_ \_\_\_** |
|  | 1. harvesting and hauling from field to storage or point of first sale?. . . . . . . . . . . . . . . . . . . . . . . . .   (\_\_ \_\_**.\_\_** **\_\_** X\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**÷\_\_\_\_\_\_\_\_\_\_\_\_= \_\_ \_\_.\_\_ \_\_**  Dollars & Cents per unit x Total units hauled from field ÷ Acres harvested in field = Dollars & Cents per acre.) | 1127 | **.\_\_\_ \_\_\_** |
|  | 1. custom raking, baling, and hauling the hay from this field?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .   (\_\_ \_\_**.\_\_** **\_\_** X\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**÷\_\_\_\_\_\_\_\_\_\_\_\_= \_\_ \_\_.\_\_ \_\_**  Dollars & Cents per unit x Total units hauled from field ÷ Acres harvested in field = Dollars & Cents per acre.) | 1128 | **.\_\_\_ \_\_\_** |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10. **Did you hire any technical or consultant services to make recommendations for this**  **field?** (*such as for nutrient, pest control, irrigation, or precision farming recommendations*) | | | | | | | | |
| **YES** - [*Continue.*] | **NO** - [Go to item 12.] | | | | | | **CODE** | |
| a. Nutrient recommendations/management service?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | **YES = 1** | | 1129 | |
| b. Collect soil or tissue samples?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | **YES = 1** | | 1130 | |
| c. Pest control recommendations/management service?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | **YES = 1** | | 1131 | |
| d. Pest scouting?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | **YES = 1** | | 1132 | |
| e. Irrigation management service (*i.e.. irrigation scheduling*)?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | **YES = 1** | | 1133 | |
| f. Yield map or remote sensing map development/interpretation?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | **YES = 1** | | 1134 | |
| g. Other custom or technical service (Specify: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_) | | | | | **YES = 1** | | 1135 | |
|  | | | | | | | | |
| 11. **If YES to any of these services, what was the cost for all of these services?** | | | | | | | | |
| *(****Include*** *landlord/contractor cost.*  ***Exclude*** *cost of soil/tissue tests or scouting cost reported earlier*. | | **DOLLARS & CENTS**  **PER ACRE** | | | | **OR** | **TOTAL DOLLARS** | |
| *Do not report costs for any of these services if they were reported as part*  *of the costs of materials and/or application costs previously.)*. . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | 1136 | **.\_\_\_ \_\_\_** | |  | 1137 |  |

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|  | | | **CODE** |
| 12. **Was there** (will there be) **a yield monitor on the equipment used to harvest**  **this peanut field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | | 1138 |
| [*f YES, continue; else go to item 13.]* | | | |
| 1. Was there (will there be) a yield map produced from this harvest using information from the yield monitor?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1139 | |
| 1. Did you use the yield monitor information to---   [*Enter code for all that apply.]* |  |  | |
| (1) monitor crop moisture content to determine need for crop drying?. . . . . . . . . . . . . . . . . . . . | **YES = 1** | | 1140 |
| (2) add/improve tile drainage?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | | 1141 |
| (3) add/improve irrigation equipment/irrigation water application?. . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | | 1142 |
| 1. conduct in-field experiments (*e.g., compare fertilizer applications*,   *seed varieties, herbicides, pesticides, etc*)?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | | 1143 |
| (5) negotiate new crop leases?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | | 1144 |
| (6) document yields for crop insurance, real estate tax, or farm  program purposes?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | | 1145 |
| (7) accurately divide crop production among partners and/or for  landlord crop shares?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | | 1146 |
| (8) other uses [specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_] | **YES = 1** | | 1147 |

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| --- | --- | --- |
|  | | **CODE** |
| 13. **During 2003 or 2004, was a GPS** (*Global Positioning System*) **device used**  **to geo-reference and/or produce a map of the soil properties of this field?**  (*such as soil nitrate levels, PH, etc*.). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1148 |
| [*f item 13 = YES. Ask 13a and 13b; else go to item 14.]* | | |
| a. Was a map (*or will a map be*) produced based on soil tests from this field?. . . . . . . . . . . . . . . . | **YES = 1** | 1149 |
| b. Was a map (*or will a map be*) produced based on a machine that measured  electrical conductivity of the soil (*e.g. Veris machine*)?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1150 |

|  |  |  |
| --- | --- | --- |
|  | | **CODE** |
| 14. **Did you have an airplane or satellite provide an image or photograph of this**  **field either at the start or during the 2004 growing season?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1151 |

|  |  |  |  |
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| 15. **Was a variable rate applicator** (*i.e., variable rate technology or VRT*)  **used on this field for---** | | | |
| a. fertilization or liming?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1152 | |
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| (1) *If YES, ask*---Did you use a variable rate applicator for---  [*Enter code for all that apply*.] | | | |
| a. nitrogen applications?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | | 1153 |
| b. phosphorus applications?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | | 1154 |
| c. potash applications?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | | 1155 |
| d. lime applications?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | | 1156 |
| e. manure applications?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | | 1157 |
| b. seeding?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | | 1158 |
| c. pesticide applications?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | | 1159 |

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| 16. **Was a guidance or parallel swathing system** (*connected to G.P.S*.) **usedwith**  **any machine operation on this field** (*e.g. light bar)?*. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **YES = 1** | 1212 |

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| **G** | **IRRIGATION** | **G** |

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|  | **ACRES** | |
| 1. **How many acres in this field were irrigated for the 2004 peanut crop?**  [*If none, go to Section* ***H***.]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 1160 | **.\_\_\_\_** |
| 2. **Now, I have some questions about irrigation systems and water used on this field**  **for the 2004 peanut crop.** | | |

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| **↓** | | **UNIT** | **SYSTEM 1** | | **SYSTEM 2** | |
| a. What type(s) of irrigation system(s) was used to irrigate  this field?  [*Show* ***System Type Codes*** *in the Respondent Booklet. Enter* ***System***  ***Type Code*** *for up to two systems covering the most field acres*.] | | **SYSTEM**  **TYPE**  **CODE** | 1161 | | 1175 | |
| b. What was the total quantity of water applied to this field during | | **INCHES PER**  **ACRE**  **OR** | 1162 | | 1176 | |
| the entire growing season?  [***Include*** *ALL water used from both on-farm and off-farm sources*.]. . . . . . . . . . . . . | | **TOTAL**  **ACRE -FEET** | 1163 | | 1177 | |
| [*If operator* ***cannot provide item 2b****, ask* (1) & (2)---]  (1) What is the **total** number of **hours** this system was used to  apply water to this field during the peanut growing  season?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | **TOTAL**  **HOURS** | 1164 | | 1178 | |
| (2) How many gallons per minute were applied?. . . . . . . . . . . . . . . . . . . . . . | | **GALLONS**  **PER MINUTE** | 1165 | | 1179 | |
| c. What percent of the water used to irrigate this field through this  system came from surface water sources?. . . . . . . . . . . . . . . . . . . . . . . . . . . . | | **PERCENT** | 1166 | | 1180 | |
| d. What was the number of times this field was irrigated during the  peanut growing season using this system?  [***Include*** *any pre-plant irrigation*.] | | **NUMBER OF**  **IRRIGATIONS** | 1167 | | 1181 | |
| 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. **TURBINE?** 2. **SUBMERSIBLE?** 3. **CENTRIFUGAL?** 4. **BOOSTER?** 5. **SIPHON?** 6. **NO PUMP?**   [*If code 99, go to item* j.] | **CODE** | 1168 | | 1182 | |
| f. What was the average pumping rate?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | **GALLONS**  **PER MINUTE** | 1169 | | 1183 | |
| g*. [If item 2a = code 1-9 (PRESSURE SYSTEM), ask---]*  What was the system operating pressure?. . . . . . . . . . . . . . . . . . . . . . . . . . . . | | **POUNDS**  **PER**  **SQUARE INCH** | 1170 | | 1184 | |
| h. What was the primary motor type used  to pump the water? | 1. **DIESEL** 2. **GASOLINE** 3. **LP GAS** 4. **NATURAL GAS** 5. **ELECTRICITY** 6. **SOLAR POWER** | **CODE** | 1171 | | 1185 | |
| I. What was the average motor size?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | **HORSEPOWER** | 1172 | | 1186 | |
| j. [*If NO PUMP was used (item e = 99), ask*---]  What was the average flow rate?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | **GALLONS**  **PER MINUTE** | 1173 | | 1187 | |
| k. How many other acres on this operation were irrigated using  this field’s irrigation system during the 2004 growing season?  *[****Exclude*** *this field.*] | | **ACRES** | 1174 | **.\_\_\_\_** | 1188 | **.**\_\_\_\_ |

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| 3. **Was any water purchased to irrigate this field?**  (***Include*** *landlord's share and purchases from all sources*.) | | | | | | | **CODE** | |
| **YES** - [*Enter code 1 and continue*.] | **NO** - [*Go to item 4.*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | 1189 | |
|  | | | | | | | **PERCENT** | |
| a. What percent of the water used on this field was purchased?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | 1190 | |
|  | | | **DOLLARS & CENTS**  **PER ACRE** | | | **OR** | **TOTAL DOLLARS** | |
| b. What was the total cost for the water purchased for  this field during the 2004 growing season?  (***Include*** *landlord and contractor costs and ditch maintenance costs*.) | | | 1191 | **.\_\_\_ \_\_\_** | |  | 1192 | |
| 4. [*If SIPHON TUBES were used (line a of item 2 = 10 or 11), ask*---] | | | | | | | **TOTAL DOLLARS** | |
| **What would be the total cost to replace all the siphon tubes used on this field?**. . . . . . . . . . . . . . . . . . | | | | | | | 1193 | |
| 5. [*If POLY PIPE system were used (line a of item 2 = 14*) *ask*---] | | | | | | | **TOTAL DOLLARS** | |
| **What was the total amount spent for poly pipe used on this field during**  **the 2004 growing season?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | 1194 | |
| 6. [*If GATED PIPE system were used (line a of item 2 = 15 or 16)*, *ask*---] | | | | | | | **INCHES** | |
| a. What was the average diameter of gated pipe used to irrigate this field?. . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | 1195 | |
|  | | | | | | | **FEET** | |
| b. What was the total length of gated pipe used?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | 1196 | |
| 7. **Were wells used to supply irrigation water for this field?** | | | | | | | **CODE** | |
| **YES** - [*Enter code 1 and continue*.] | | **NO** - [*Go to item 8*.]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | 1197 | |
|  | | | | | | | **NUMBER** | |
| a. How many wells were used to irrigate this field?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | 1198 | |
|  | | | | | | | **INCHES** | |
| b. What was the average diameter of the outer well casing?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | 1199 | |
|  | | | | | | | **FEET** | |
| c. What was the average pumping depth of these wells during the irrigation season?  [*Pumping depth is the depth to water at the start of the irrigation season,*  *plus an average decline in the water level caused by pumping during the irrigation season*.]. . . . . . . . . . . . . . . . . . . . . | | | | | | | 1200 | |
|  | | | | | | | **CODE** | |
| d. Did this well(s) have a water meter or other flow measurement device?. . . . . . . . . . . . . . . . . . . . | | | | | **YES = 1** | | 1201 | |
| e. Were other fields irrigated using water pumped from well(s) that supplied  water to the selected field? | | | | | | | **CODE** | |
| **YES** - [*Enter code 1 and continue*.] | | **NO** - [*Go to item 8*.]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | 1202 | |
|  | | | | | | | **ACRES** | |
| (1) How many other acres on this operation were irrigated using the same  well(s) during the 2004 growing season? (***Excluding*** *this field)*. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | 1203 | **.\_\_\_\_** |

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| 8. **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 9*.] |

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|  | | | | **INCHES** |
| a. What was the average diameter (*in inches*) of the most common type  of this additional pipe used?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | | 1205 |
|  | | | | **FEET** |
| b. How many feet of this additional pipe were used to bring water to this field?. . . . . . . . . . . . . . . . . . . . . . . . | | | | 1206 |
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|  | **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? |  | | **CODE** |
| 9. **Is the run-off from this field---**. . . . . . . . . . . . . . . . . | 4 drained from the farm?  5 there is no run off. | . . . . . . . . . . . | | 1207 |
|  | |  | |  |
| 10. **Were water management practices such as irrigation scheduling,**  **controlled drainage, or treatment of retention water used on this field**  **to manage for pests or aflatoxin?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | **YES = 1** | 1208 |

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| **H** | **LANDLORD/CONTRACTOR COSTS** | **H** |

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| 1. [*If selected field RENTED (Section* ***B****, item 2), ask---, else go to Conclusion.*] | | | | | |
| **What was the total cost for all inputs provided by any landlord and**  **contractor for the 2004 crop?** | **DOLLARS & CENTS**  **PER ACRE** | | **OR** | **TOTAL DOLLARS** | |
| (***Include*** *the costs for all inputs, such as seed, fertilizer, chemicals*  *technical services, custom operations, and irrigation*.  (**Exclude** real estate tax expenses, drying, and lime costs paid by the landowner.). . . . . . . . . . . | 1209 | **.\_\_\_ \_\_\_** |  | | 1210 |

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| **CONCLUSION** |

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| **LOCATION OF SELECTED FIELD** | | | | | | | | | | |
| 1. **I need to locate the selected field of peanuts on**  **this map.** | | | | **COUNTY NAME** | | | | | | **OFFICE USE**  **COUNTY FIPS**  **CODE** |
| **What county is the selected peanut field in?** | | |  | | | | | |  | 0010 |
| **Field description**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | |  | | | | | | | |
| **ASK FOR NORTH CAROLINA ONLY** |  | **LATITUDE** | | |  | **LONGITUDE** | | | | |
| **Field location**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **N** | 0054 | | **\_\_\_ \_\_\_. \_\_\_ \_\_\_ \_\_\_ \_\_\_** | **W** | 0055 | | **\_\_\_ \_\_\_. \_\_\_ \_\_\_ \_\_\_ \_\_\_** | | |
| 3. **We will need additional information to complete this study. We will contact you in February**  **or March, 2005, to collect it. I’ll call you then to set up a time that is good for you.** | | | | | | | | | | |
| 4. **Would you like to receive a copy of the results of this survey in the mail?** | | | | | | | | | | **CODE** |
| (Results will also be available on the Internet at <http://www.usda.gov/nass/>  **&** <http://www.ers.usda.gov/>.). . . . . . . . . . . . . . . . . . . . . . . . . . | | | | | | | **YES** = **1** | | | 0099 |

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| **RECORDS USE** | | | |
| 5. [*Did respondent use farm/ranch records to report---*] | | | **CODE** |
| a. [***fertilizer*** *data*?]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | **YES = 1** | 0011 |
| b. [***pesticide*** *data?*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | **YES = 1** | 0012 |
| c. [*majority of this* ***expense*** *data*?]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | **YES = 1** | 0013 |
| **SUPPLEMENTS USED** | | | **NUMBER** |
|  | **FERTILIZER**  **APPLICATIONS** | | 0041 |
| 6. [*Record the total number of each type of supplement used to*  *complete this interview.*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | **PESTICIDE**  **APPLICATIONS** | | 0042 |
|  | **FIELD**  **OPERATIONS** | | 0043 |

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|  | 1. **OPERATOR/MANAGER** 2. **SPOUSE** 3. **ACCOUNTANT/BOOKKEEPER** |  | **CODE** |
| **RESPONDENT**. . . . . . . . . . . . . . . . . . . . | 1. **OTHER** 2. **OFFICE HOLD** 3. **PARTNER** | . . . . . . . . . . . . . . . . . . . . . . . . . . . | 0101 |
| Respondent’s name  [*f code 3, 4, or 9]*. . . . . . . . . . . . . . . . | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | |
| Phone. . . . . . . . . . . . . . . . . . . . . . . . . | ( ) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | |
|  | | | **MILITARY TIME**  H H M M |
| **ENDING TIME**[*MILITARY*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | 0005 |
| **\_\_\_ \_\_\_ \_\_\_ \_\_\_** |
|  | | | **MM DD YY** |
| **DATE**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | | | 0007 |
| **\_\_ \_\_ \_\_ \_\_** **04** |
|  | | | **ENUMERATOR ID** |
| **ENUMERATOR NAME** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | 0098 |
|  | | | **EVALUATION** |
|  | | | 0100 |
|  | | | |