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| Project Code 912  | QID: 072050 |  | OMB No.0535-0245 Approval Expires 8/31/2014 |
| **Conservation Effects Assessment Project (CEAP)** **- 2011** |
|  |  |  |  |  |  |  | SURVEY_LOGO_1:USDA_logo_bw.gif |  |
|  |  |  |  |  |  |  |  | new_nass_logo_bw | **NATIONAL** **AGRICULTURAL** **STATISTICS** **SERVICE** |
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|  |  |  |  |  |  |  | U.S. Department of Agriculture,Rm 5030, South Building1400 Independence Ave., S.W.Washington, DC 20250-2000Phone: 1-800-727-9540 Fax: 202-690-2090 Email: nass@nass.usda.gov |
|  |  |  |  |  |  |  |  | **RaindropNRCScolor** |
|  |  |  |  |  |  |  |  |
| **VERSION****1** | **CEAP ID****\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | **TRACT****01** | **SUBTRACT****01** | **T-TYPE****0** | **TABLE****000** | **LINE****00** |  |
|  |
|  |  |  | **CONTACT RECORD** |
|  | DATE | TIME | NOTES |
|  |  |  |  |
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| **INTRODUCTION**[*Introduce yourself, and ask for the operator. Rephrase in your own words.*]The National Agricultural Statistics Service is collecting information on land management and conservation practices. The information collected will be used by the Natural Resources Conservation Service (NRCS) to assess the environmental benefits associated with the implementation and installation of conservation practices.We need your help to make the information as accurate as possible. As conservation practices that are in place should be reported-whether they were installed as part of a Federal or State Cost–Share program, an industry or non-profit program, or by you (the operator) with no outside support. We encourage you to refer to your farm records during the interview. Authority for collection on information on the Conservation Effects Assessment Project Report is under Title 7 of the U.S. Code and CIPSEA (Public Law 107-347. Response to this survey is confidential. Response to this survey is **voluntary**.  You may skip any question(s) you prefer not to answer.  |
|  |  |
|  | 0001  **1** |
|  |  |  |  | **H H M M** |
|  |  |  | **BEGINNING TIME** | 0004 |
|  |  |  | [*MILITARY*] | \_\_\_ \_\_\_ \_\_\_ \_\_\_ |
|  |  |  |  |  |

| **SCREENING** |
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| **Determine the Area of Interest** |
| To focus the respondent on the area of interest, the location must be identified as follows. |
| 1. **Selected field** |
| * For purposes of this survey, the actual field where the sample point is located must be identified. This location is referred to as the **selected field**.
* The survey collects information about conservation practices, cropping history and management practices being undertaken in the **selected field**.
 |
| 2. **Conservation practices associated with the field.** |
| * Sometimes conservation practices are not actually located in the selected field but are adjacent to or **adjoining** the field (such as a wind break or filter strip). These practices should be captured during the survey also.
* For CEAP purposes, this area is referred to as the **conservation area**.
 |
|  |
| **During this interview, the questions will be about the SELECTED FIELD and/or the associated CONSERVATION AREA.** |
|  |
| **SCREENING – NO SIGNAL AVAILABLE**  |
|  |  |
| **ENUMERATOR NOTE:** [*Show the aerial photography to respondent and locate the sample point. Identify the field associated with the point*.] |
| 1. **Did you make any of the day-to-day farming/ranching decisions for the field containing this point in 2011?** |
| [ ]   **YES** – [*If* ***Yes*** *continue.*][ ]   **NO** – [*If* ***No****, conclude the interview and ask for the respondent’s assistance in locating the correct operator.*] |
|  |
| **ENUMERATOR NOTE:** [*With the respondent, draw off the entire area that can be identified as the selected field and associated conservation area.*] |
| 2. **During** **2011, was the entire field enrolled in the General or Continuous Conservation Reserve Program (CRP),the Conservation Reserve Enhancement Program (CREP), or any other type of continuous cover conservation program offered by State, local or non-profit organizations?** |
|  | **CODE** |
| [ ]   **YES** – [*Enter 1*.] [ ]   **NO** – [*Enter 3*.]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  |  |
| 3. **In** **2011, was any part of this field:** |
| * planted to a crop (**excluding** hay, fruits, nuts, citrus, greenhouse, and nursery crops); or
* idle cropland; or
* summer fallow
 | **CODE** |
| [ ]   **YES** – [*Enter 1, then go to item 5*.] [ ]   **NO** – [*Enter 3, then go to item 4*.]. . . . . . . . . . . . . . . .  |  |
| 4. **Since** **2009, was any part of this field planted to a crop in a rotation with pasture or hay?**[***Exclude*** *fruits, nuts, citrus, greenhouse, nursery crops*.] | **CODE** |
| [ ]   **YES** – [*Enter 1*.] [ ]   **NO** – [*Enter 3*.]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  |  |
| 5. **Was the wireless internet signal present at the time of the screening interview?** | **CODE** |
| [ ]   **YES** – [*Enter 1*.] [ ]   **NO** – [*Enter 3*.]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  |  |
|  |  |
| **ENUMERATOR ACTION:** If question 3 **or** 4, above = 1 (**Yes**), continue, and complete the interview. If questions 3 **and** 4, above = 3 (**No**), conclude the interview. |  |

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| **A** | **FIELD CHARACTERISTICS---**SELECTED FIELD  | **A** |

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| 1. **In 2011, how many acres in the selected field and conservation area containing the sample point were --** |
|  | **ACRES** |
| a. planted or cropped (*including hay acres in rotation with crops in* *2009 or* *2010)* (*selected field*)?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **+** | 0017 | **.\_\_\_** |
| b. in field borders, grassed waterways, buffers, and other uses associated with conservation practices but not cropped?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **+** | 0018 | **.\_\_\_** |
| c. idle cropland, summer fallow or pasture in rotation with crops in 2009 or 2010 (*selected field*)?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **+** | 0019 | **.\_\_\_** |
| d. fruits, nuts, citrus, greenhouse, and nursery crops?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **+** | 0020 | **.\_\_\_** |
| e. permanent pasture or hayland?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **+** | 0021 | **.\_\_\_** |
| f. non-ag (*such as dwellings, buildings, structures, roads, and woodland and wasteland not in a conservation practice*)?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **+** | 0022 | **.\_\_\_** |
|  |  | **ACRES** |
| 2. **So the TOTAL acres in the selected field and conservation area** (1a + 1b + 1c + 1d + 1e + 1f) **are****:**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **=** | 0023 | **.\_\_\_** |
|  |  |  |  |
| **[ENUMERATOR NOTE:** [*If any acres are reported in 1a (cropped) or 1c (idle cropland,*  *summer fallow, or rotational pasture) continue, else, go to Conclusion*.] |
|  |
| 3. **During 2011, was any portion of the selected field and/or conservation area of interest enrolled in the continuous Conservation Reserve Program (CRP), the Farmable Wetland Program (FWP)**, **or in the Conservation Reserve Enhancement Program (CREP)**? |
|  | **CODE** |
| [ ]  **YES -** [*Enter 1.*] | 0732 |
| [ ]  **NO -** [*Enter 3.*] . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  |  |
|  |
|  | **2011** | **2010** | **2009** |
| 4. **Was this field considered organic acreage**?. . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3382 | 3381 | 3380 |
|  |
|  | 1. Owned by this operation?
2. Rented for fixed CASH payment?
3. Rented for a flexible CASH payment?
4. Rented for a SHARE of the crop?
5. Rented for some combination of CASH and a SHARE of the crop?
6. Used RENT-FREE?
7. Not operated?
 |  |  |  |  |
|  |  |  | **2011** | **2010** | **2009** |
| 5. **Were the majority of the acres in this field** (reported in 1a or 1c)--. . . . . . . . . .  |  | . . . . . . .  | 0504 | 0503 | 0502 |
|  |  |  |  |  |  |
| 6. **Are the day-to-day decisions for this operation made by one individual, partners, or a hired manager?** |
| [ ]  One individual | [*Enter 1.*] | **GENERIC_IMAGE:DoubleLongRight.gif** | **CODE** |
| [ ]  Partners | [*Enter* ***number of partners* (2-5)**, *involved in the day-to-day decisions, including the operator].* |  | 0921 |
| [ ]  A hired manager | [*Enter 8.*] |  |  |

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| **B** | **CONSERVATION PLAN---**SELECTED FIELD/CONSERVATION AREA  | **B** |

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| 1. **Do you have a written Conservation Plan(s) for the selected field and/or conservation area?**[*A “written plan” is a plan prepared in accordance with Federal, State, or Conservation District standards*.] |
|  This includes a: Conservation Plan, Conservation Compliance (HEL) Plan, or Conservation Plan written as a result of participating in a conservation program, such as:* Conservation Reserve Program (CRP)
* Environmental Quality Incentive Program (EQIP) Plan
* Wetland Reserve Program (WRP) Plan
* Wildlife Habitat Incentive Program (WHIP) Plan
* Grazing Land Reserve Program (GRP) Plan
* Nutrient Management Plan or Comprehensive Nutrient Management Plan
* Other written plan
 |
|  |
| [ ]   **YES –** [*Enter 1 and continue with Item a.*] | **CODE** |
| [ ]  **DON’T KNOW –** [*Enter 2 then go to Item* *2.*] | 0701 |
| [ ]  **NO –** [*Enter 3 then go to Item* *2.*] . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  |  |
| [*Encourage the respondent to get their Conservation Plan to answer the following questions.*] |
| a. Does the written plan include any of the following? (*Mark all that apply*.) | **CODE** |
| (i) Practices to reduce soil erosion?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES=1** | 0702 |
| (ii) Nutrient management plan practices?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES=1** | 0703 |
| (iii) Pest management plan practices?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES=1** | 0704 |
| (iv) Irrigation water management plan practices?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES=1** | 0705 |
| (v) Wildlife habitat enhancement practices?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES=1** | 0706 |
| (vi) Manure management and handling practices?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES=1** | 0771 |
| 2. **Did you receive cost share or incentive payments in 2011, 2010, or 2009 for any conservation practices implemented on this field and/or conservation area?**[*Be sure to include payments for establishing grassed waterways and filter strips or riparian buffers on or adjoining the field.*] |
|  | **CODE** |
| [ ]   **YES –** [*Enter 1 and continue.*] | 0707 |
| [ ]  **NO –** [*Enter 3 then go to Item* 3*.*] . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  |  |
|  |  |
| a. If **YES**, for what program? (*Mark all that apply*.) |  | **CODE** |
| (i) Conservation Security Program (CSP). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES=1** | 0772 |
| (ii) CRP. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES=1** | 0708 |
| (iii) WRP. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES=1** | 0709 |
| (iv) EQIP. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES=1** | 0710 |
| (v) State Programs. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES=1** | 0711 |
| (vi) Other (*specify*) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES=1** | 0712 |
| (vii) Don’t Know. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES=1** | 0713 |

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| 3. **Did you receive any help for the development of:**  |
| * a Conservation Plan for this field/conservation area? [*Ask* ***only*** *if there is a written conservation plan for this field,Item 1 = 1 (Yes).*]

 [ ]  **Yes** – [*Check box then go to item a.*] [ ]  **No** – [*Check box and continue.*]* conservation practices currently in place on this field/conservation area?

 [ ]  **Yes** – [*Check box and continue.]* [ ]  **No** – [*Check box then go to Section C.*] |
| a. If **Yes**, please identify who provided the assistance for the development of the Conservation Plan and/or conservation practice(s) on this field/conservation area.* **Include** 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.
 |
|  |
| **Source** | [*Mark all that* *apply*.]**YES=1** | **Were you charged for** **the service?****YES=1** | **Which of these was your** **PRIMARY source of****assistance?**[*Select ONLY 1*]**YES=1** |
| NRCS (formerly SCS). . . . . . . . . . . . . . . . . . . . . .  | 0714 | 0720 | 0726 |
| Conservation District. . . . . . . . . . . . . . . . . . . . . . .  | 0715 | 0721 | 0727 |
| Technical Service Providers (Private Sector). . . . . .  | 0716 | 0722 | 0728 |
| University Extension. . . . . . . . . . . . . . . . . . . . . . .  | 0717 | 0723 | 0729 |
| State Agencies. . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0718 | 0724 | 0730 |
| Other (s*pecify*:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_). . . . . .  | 0719 | 0725 | 0731 |
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|  | **Completion Code for Conservation Plan** |
|  | 1 = Incomplete/Refusal | 0700 |
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| **C** | **CROPPING HISTORY & CONSERVATION PRACTICES---**SELECTED FIELD | **C** |

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| 1. **Now I’d like to ask you about the field where the point is located and obtain the cropping and land use history for the past 3 years.** (Please **include** all crops planted for cover crop, double crop, multiple crop, replanting of same crop and if strip cropped, all crops in the strip crop scheme. [*Use a separate column for each use of the field in each year.*]) |
|  |  |  |  |  |
|  |  | 1 | 2 | 3 |
| **Let’s begin with the 2011 crop year. What was/were the:** |  | **2011** | **2011** | **2011** |
| Crop(s) planted or Land Use **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**? | **Crop** |  |  |  |
| 1. Crop(s) code or Land Use Code. [***See Respondent Booklet for codes***.] | **Code** | 1005 | 1037 | 1069 |
| 2. Intended use of Crop(s)? **[*See Respondent Booklet for codes.*]** | **Code** | 1006 | 1038 | 1070 |
| 3. Acres planted? [***Include*** *previous planted crops*.] | **Acres** | 1007 .\_\_\_\_ | .\_\_\_ | 1039 .\_\_\_\_ | .\_\_\_ | 1071 .\_\_\_\_ | .\_\_\_ |
| 4. Date planted? (*mmddyy*) | **Date** | 1008 \_ \_ \_ \_ \_ \_ | 1040 \_ \_ \_ \_ \_ \_ | 1072 \_ \_ \_ \_ \_ \_ |
| 5. Row Width (*for row crops*)? | **Inches** | 1011 .\_\_\_\_ | .\_\_\_ | 1043 .\_\_\_\_ | .\_\_\_ | 1075 .\_\_\_\_ | .\_\_\_ |
| 6. **Expected** yield/acre at planting (*yield goal*)? | **Number** | 1012 .\_\_\_\_ | .\_\_\_ | 1044 .\_\_\_\_ | .\_\_\_ | 1076 .\_\_\_\_ | .\_\_\_ |
| a. Unit: **[*See Respondent Booklet for codes*.]** | **Code** | 1013 | 1045 | 1077 |
| 7. Type of tillage used? **(Select from list)** | 1 = no till, strip till (direct seed) 2 = ridge till3 = mulch till 4 = conventional till | **Code** | 1014 | 1046 | 1078 |
| 8. Acres harvested? | **Acres** | 1015 .\_\_\_\_ | .\_\_\_ | 1047 .\_\_\_\_ | .\_\_\_ | 1079 .\_\_\_\_ | .\_\_\_ |
| a. Date harvested? (*mmddyy*) | **Date** | 1016 \_ \_ \_ \_ \_ \_ | 1048 \_ \_ \_ \_ \_ \_ | 1080 \_ \_ \_ \_ \_ \_ |
| 9. **Actual** yield at harvest/acre? | **Number** | 1017 .\_\_\_\_ | .\_\_\_ | 1049 .\_\_\_\_ | .\_\_\_ | 1081 .\_\_\_\_ | .\_\_\_ |
| a. Unit: **[*See Respondent Booklet for codes.*]** | **Code** | 1018 | 1050 | 1082 |
| 10. Acres abandoned? | **Acres** | 1019 .\_\_\_\_ | .\_\_\_ | 1051 .\_\_\_\_ | .\_\_\_ | 1083 .\_\_\_\_ | .\_\_\_ |
| 11. Was this crop irrigated? | **YES=1****NO=3** | 1029 |  | 1061 |  | 1093 |  |
| 12. Was straw or stubble harvested? *If* ***YES*** *enter 1 and continue. If* ***NO,*** *enter 3 then go to question 13*. | **YES=1****NO=3** | 1020 | 1052 | 1084 |
| a. How many acres were harvested for straw or stubble? | **Acres** | 1021 .\_\_\_\_ | .\_\_\_ | 1053 .\_\_\_\_ | .\_\_\_ | 1085 .\_\_\_\_ | .\_\_\_ |
| b. What was the remaining stubble height after harvest? | **Inches** | 1022 .\_\_\_\_ |  | 1054 .\_\_\_\_ |  | 1086 .\_\_\_\_ |  |
| 13. Was the field grazed? *If* ***YES*** *enter 1 and continue. If* ***NO****, enter 3 then go to page 7*. | **YES=1****NO=3** | 1023 | 1055 | 1087 |
| 14. What type of livestock grazed the field (primarily)? **[*See Respondent Booklet for codes*.]** | **Code** | 1024 | 1056 | 1088 |
| 15. Regardless of ownership, how many head of \_\_\_\_\_\_\_\_\_ grazed this field **BEFORE** harvest? | **#/Head** | 1025 | 1057 | 1089 |
| a. How many **total** days was the field grazed **BEFORE** harvest? | **#/Days** | 1026 | 1058 | 1090 |
| b. Was supplemental feed supplied to livestock?  | **YES = 1****NO=3** | 1411 | 1413 | 1422 |
| 16. Regardless of ownership, how many head of \_\_\_\_\_\_\_\_\_ grazed this field **AFTER** harvest?  | **#/Head** | 1027 | 1059 | 1091 |
| a. How many **total** days was the field grazed **AFTER** harvest?  | **#/Days** | 1028 | 1060 | 1092 |
| b. Was supplemental feed supplied to livestock?  | **YES = 1****NO=3** | 1412 | 1421 | 1423 |
|  |  |  |  |  |
|  |  |  | 2011 EDIT CROPPINGTABLE | 1004 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Let’s continue with the 2010 crop year.**  |  | **2010** | **2010** | **2010** |
|  **Did you make day-to-day farming/ranching decisions for this field** **in** **2010?** *If* ***Yes,*** *continue, if* ***No****, go to page 8.* | **YES=1****NO=3** | 0010 |  |  |
| What was/were the: |  |  |  |  |
| Crop(s) planted or Land Use **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**? | **Crop** |  |  |  |
| 1. Crop(s) code or Land Use Code. [***See Respondent Booklet for codes***.] | **Code** | 1101 | 1133 | 1165 |
| 2. Intended use of Crop(s)? **[See *Respondent Booklet for codes.*]** | **Code** | 1102 | 1134 | 1166 |
| 3. Acres planted? [***Include*** *previous planted crops*.] | **Acres** | 1103 | .\_\_\_ | 1135 | .\_\_\_ | 1167 | .\_\_\_ |
| 4. Date planted? (*mmddyy*) | **Date** | 1104 \_ \_ \_ \_ \_ \_ | 1136 \_ \_ \_ \_ \_ \_ | 1168 \_ \_ \_ \_ \_ \_ |
| 5. Row Width (*for row crops*)? | **Inches** | 1107 | .\_\_\_ | 1139 | .\_\_\_ | 1171 | .\_\_\_ |
| 6. **Expected** yield/acre at planting (*yield goal*)? | **Number** | 1108 | .\_\_\_ | 1140 | .\_\_\_ | 1172 | .\_\_\_ |
| a. Unit: **[*See* *Respondent Booklet for codes.*]** | **Code** | 1109 | 1141 | 1173 |
| 7. Type of tillage used? **(Select from list)**  | 1 = no till, strip till (direct seed) 2 = ridge till3 = mulch till 4 = conventional till | **Code** | 1110 | 1142 | 1174 |
| 8. Acres harvested? | **Acres** | 1111 | .\_\_\_ | 1143 | .\_\_\_ | 1175 | .\_\_\_ |
| a. Date harvested? (*mmddyy*) | **Date** | 1112 \_ \_ \_ \_ \_ \_ | 1144 \_ \_ \_ \_ \_ \_ | 1176 \_ \_ \_ \_ \_ \_ |
| 9. **Actual** yield at harvest/acre? | **Number** | 1113 | .\_\_\_ | 1145 | .\_\_\_ | 1177 | .\_\_\_ |
| a. Unit: **[*See Respondent Booklet for codes.*]** | **Code** | 1114 | 1146 | 1178 |
| 10. Acres abandoned? | **Acres** | 1115 | .\_\_\_ | 1147 | .\_\_\_ | 1179 | .\_\_\_ |
| 11. Was this crop irrigated?  | **YES=1****NO=3** | 1125 |  | 1157 |  | 1189 |  |
| 12. Was straw or stubble harvested? *If* ***YES*** *enter 1 and continue. If* ***NO,*** *enter 3 and go to question 13*. | **YES=1****NO=3** | 1116 | 1148 | 1180 |
| a. How many acres were harvested for straw or stubble? | **Acres** | 1117 | .\_\_\_ | 1149 | .\_\_\_ | 1181 | .\_\_\_ |
| b. What was the remaining stubble height after harvest? | **Inches** | 1118 |  | 1150 |  | 1182 |  |
| 13. Was the field grazed? *If* ***YES*** *enter 1 and continue. If* ***NO****, enter 3 then go to page 8*. | **YES=1****NO=3** | 1119 | 1151 | 1183 |
| 14. What type of livestock grazed the field (primarily)? **[*See* *Respondent Booklet for codes.*]** | **Code** | 1120 | 1152 | 1184 |
| 15. Regardless of ownership, how many head of \_\_\_\_\_\_\_\_\_ grazed this field **BEFORE** harvest? | **#/Head** | 1121 | 1153 | 1185 |
| a. How many **total** days was the field grazed **BEFORE** harvest? | **#/Days** | 1122 | 1154 | 1186 |
| b. Was supplemental feed supplied to livestock? | **YES=1****NO=3** | 1431 | 1433 | 1442 |
| 16. Regardless of ownership, how many head of \_\_\_\_\_\_\_\_\_ grazed this field **AFTER** harvest? | **#/Head** | 1123 | 1155 | 1187 |
| a. How many **total** days was the field grazed **AFTER** harvest? | **#/Days** | 1124 | 1156 | 1188 |
| b. Was supplemental feed supplied to livestock? | **YES=1****NO=3** | 1432 | 1441 | 1443 |
|  |  |  |
|  | 2010 EDIT CROPPING TABLE | 1003 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Let’s finish up with the 2009 crop year:** |  | **2009** | **2009** | **2009** |
|  **Did you make day-to-day farming/ranching decisions for this field** **in** **2009?** *If* ***Yes,*** *continue, if* ***No****, go to page 9.* | **YES=1****NO=3** | 0011 |  |  |
| What was/were the: |  |  |  |  |
| Crop(s) planted or Land Use **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**?  | **Crop** |  |  |  |
| 1. Crop(s) code or Land Use Code. [***See Respondent Booklet for codes***.] | **Code** | 1197 | 1229 | 1261 |
| 2. Intended use of Crop(s)? **[*See Respondent Booklet for codes***.**]** | **Code** | 1198 | 1230 | 1262 |
| 3. Acres planted? [***Include*** *previous planted crops*.] | **Acres** | 1199 | .\_\_\_ | 1231 | .\_\_\_ | 1263 | .\_\_\_ |
| 4. Date planted? (*mmddyy*) | **Date** | 1200 \_ \_ \_ \_ \_ \_ | 1232 \_ \_ \_ \_ \_ \_ | 1264 \_ \_ \_ \_ \_ \_ |
| 5. Row Width (*for row crops*)? | **Inches** | 1203 | .\_\_\_ | 1235 | .\_\_\_ | 1267 | .\_\_\_ |
| 6. **Expected** yield/acre at planting (*yield goal*)? | **Number** | 1204 | .\_\_\_ | 1236 | .\_\_\_ | 1268 | .\_\_\_ |
| a. Unit: **[*See Respondent Booklet for codes***.**]** | **Code** | 1205 | 1237 | 1269 |
| 7. Type of tillage used? **(Select from list)**  | 1 = no till, strip till (direct seed) 2 = ridge till3 = mulch till 4 = conventional till | **Code** | 1206 | 1238 | 1270 |
| 8. Acres harvested? | **Acres** | 1207 | .\_\_\_ | 1239 | .\_\_\_ | 1271 | .\_\_\_ |
| a. Date harvested? (*mmddyy*) | **Date** | 1208 \_ \_ \_ \_ \_ \_ | 1240 \_ \_ \_ \_ \_ \_ | 1272 \_ \_ \_ \_ \_ \_ |
| 9. **Actual** yield at harvest/acre? | **Number** | 1209 | .\_\_\_ | 1241 | .\_\_\_ | 1273 | .\_\_\_ |
| a. Unit: **[*See Respondent Booklet for codes***.**]** | **Code** | 1210 | 1242 | 1274 |
| 10. Acres abandoned? | **Acres** | 1211 | .\_\_\_ | 1243 | .\_\_\_ | 1275 | .\_\_\_ |
| 11. Was this crop irrigated?  | **YES=1****NO=3** | 1221 |  | 1253 |  | 1285 |  |
| 12. Was straw or stubble harvested? *If* ***YES*** *enter 1 and continue. If* ***NO,*** *enter 3 then go to question 13*. | **YES=1****NO=3** | 1212 | 1244 | 1276 |
| a. How many acres were harvested for straw or stubble? | **Acres** | 1213 | .\_\_\_ | 1245 | .\_\_\_ | 1277 | .\_\_\_ |
| b. What was the remaining stubble height after harvest? | **Inches** | 1214 |  | 1246 |  | 1278 |  |
| 13. Was the field grazed? *If* ***YES*** *enter 1 and continue. If* ***NO****, enter 3 then go to page 9*. | **YES=1****NO=3** | 1215 | 1247 | 1279 |
| 14. What type of livestock grazed the field (primarily)? **[*See Respondent Booklet for codes***.**]** | **Code** | 1216 | 1248 | 1280 |
| 15. Regardless of ownership, how many head of \_\_\_\_\_\_\_\_\_ grazed this field **BEFORE** harvest? | **#/Head** | 1217 | 1249 | 1281 |
| a. How many **total** days was the field grazed **BEFORE** harvest? | **#/Days** | 1218 | 1250 | 1282 |
| b. Was supplemental feed supplied to livestock? | **YES=1****NO=3** | 1451 | 1453 | 1462 |
| 16. Regardless of ownership, how many head of \_\_\_\_\_\_\_\_\_ grazed this field **AFTER** harvest? | **#/Head** | 1219 | 1251 | 1283 |
| a. How many **total** days was the field grazed **AFTER** harvest? | **#/Days** | 1220 | 1252 | 1284 |
| b. Was supplemental feed supplied to livestock? | **YES=1****NO=3** | 1452 | 1461 | 1463 |
|  |  |  |
|  | 2009 EDIT CROPPING TABLE | 1002 |

|  |
| --- |
| 2. **Do you have a crop rotation plan for this field?** |
|  [ ]  **YES –** [*Enter 1 and continue.*] | **CODE** |
|  [ ]  **NO –** [*Enter 3 then go to Item 3.*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1343 |
|  |
| a. Let’s record your crop rotation plan. [*Use the crop codes from* ***the Respondent Booklet****. Use multiple codes tocapture strip cropping, double cropping, and cover crops in a planned rotation.*] |
|  ***Enter the crop name and crop code for the crops in rotation*** [*only use as many years as are in the rotation scheme*]. | **CROPS** | **CROP CODE** | **CROP CODE** | **CROP CODE** |
|  1st year of rotation |  | 1344 | 1351 | 1358 |
|  2nd year of rotation |  | 1345 | 1352 | 1359 |
|  3rd year of rotation |  | 1346 | 1353 | 1360 |
|  4th year of rotation |  | 1347 | 1354 | 1361 |
|  5th year of rotation |  | 1348 | 1355 | 1362 |
|  6th year of rotation |  | 1349 | 1356 | 1363 |
| 3. **Was a cover crop planted on this field for the 2011, 2010 or 2009 crop years?** | **CODE** |
| [ ]  **YES –** [*Enter 1 and continue.*] | 1471 |
| [ ]  **NO –** [*Enter 3 then go to Item 4.*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  |  |
|  |
| a. Let’s record your cover crop history: |
|  |  | **2011** | **2010** | **2009** |
| When was the cover crop planted? | **MMDDYY** | 1472\_\_ \_\_ \_\_ \_\_ \_\_ \_\_  | 1483\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 1571\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |
| What type of cover crop was planted? (*Enter code*) |  1 Wheat 2 Rye 3 Other small grain/winter annual 4 Legume (clover, cowpeas, etc.) 5 Other | 1473 | 1491 | 1572 |
| When was the cover crop terminated? | **MMDDYY** | 1481\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 1492\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 1573\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |
| How was the cover crop terminated? (*Enter code*) |  1 Herbicide 2 Mowed 3 Hayed 4 Plowed or disked in 5 Roller/Crimper 6 Harvested for grain 7 Burned | 1482 | 1493 | 1581 |
|  |  | **CODE** |
| 4. **Is the field adjacent to a water body, including a stream, intermittent stream,** **wetland, or drainage ditch?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1327 |
| 5. **Does this field have subsurface (tile) drainage?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1341 |
| 6. **Does this field have surface drainage structures?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1342 |

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| 7. **In 2011, did the selected field and/or conservation area have any of the following conservation practices?** [*May or may not be included in the conservation plan.*]  |
| **ENUMERATOR ACTION:**  *If the respondent reports “Yes” to any practice, complete the additional questions about that  practice. Otherwise, skip to the next practice.* |
| a. Terraces?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES =** 1 | 1328 |  |
| (i) Were these terraces:. . . . . . . . . . . . .  |  1 = primarily grassed  2 = primarily cropped | . . . . . . . . . . . . . . . . . . . . . .  | **CODE** | 1329 |  |
| b. Stream side forest buffer?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1333 |
| (i) Width of buffer?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **FT** | 3320 |
| (ii) Species:. . . . . . . . . . . . . . . . . .  |  1 = evergreen 2 = deciduous  3 = mixed | . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **CODE** | 3321 |
| c. Stream side herbaceous buffer?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1334 |  |
| (i) Width of buffer?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **FT** | 3322 |  |
| (ii) Is the buffer maintained, for example, by fertilizing, mowing,or repairing any gullies?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3323 |  |
| (iii) Is the buffer designed to capture--- |  |  |  |
| (1) sediment?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3330 |  |
| (2) nutrients?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3331 |  |
| (3) pesticide residue?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3332 |  |
| d. Field borders?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1337 |  |
| (i) Width of field border?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **FT** | 3333 |  |
| (ii) Is the field border maintained, for example, by fertilizing, mowing,or repairing any gullies?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3334 |  |
| (iii) Is the field border designed to capture---  |  |  |  |
| (1) sediment?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3341 |  |
| (2) nutrients?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3342 |  |
| (3) pesticide residue?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3343 |  |
| e. Filter strips?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1338 |  |
| (i) Width of filter strip?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **FT** | 3344 |  |
| (ii) Is the filter strip maintained, for example, by fertilizing, mowing,or repairing any gullies?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3350 |  |
| (iii) Is the filter strip designed to capture--- |  |  |  |
| (1) sediment?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3352 |  |
| (2) nutrients?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3353 |  |
| (3) pesticide residue?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3354 |  |

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|  |  | **CODE** |
| f. Grassed waterways?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES =** 1 | 1330 |  |
| g. Vegetative barriers (in-field)?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1331 |
| h. Hedgerow plantings?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1332 |  |
| i. Windbreak?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1335 |  |
| j. Herbaceous wind barrier?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3360 |  |
| k. Contour buffers (in-field)?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1336 |  |
| l. Critical area planting?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES =** **1** | 1339 |  |
| m. Grade stabilization structure?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1340 |  |
| n. Drainage water management?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3361 |  |
| o. Contour farming?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3362 |  |
| p. Strip cropping?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 3363 |  |
| q. Other? (*Specify* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_) | . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 2450 |  |
|  |  |  |  |
| 8. **Have you modified or added any conservation practices for the selected field SPECIFICALLY to improve the quality of fish or wildlife habitat?** | **CODE** |
| [ ]  **Yes**= **1** | [ ]  **No** = **3** | [ ]  **Not Applicable** = **4**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 3364 |  |
| 9. **Do you manage the vegetative cover for wildlife purposes?**  | **CODE** |
| [ ]  **Yes** = **1** | [ ]  **No** = **3** | [ ]  **Not Applicable** = **4**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 3370 |  |

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| **D** | **COMMERCIAL FERTILIZER APPLICATIONS---**SELECTED FIELD | **D** |

|  |
| --- |
| 1. **Were commercial FERTILIZERS applied to this field for:** |
|  |  | **CODE** | **Edit Table** |
| a. the **2011** crop? [*If* ***Yes****, enter 1 and continue. If* ***No****, enter 3 then go to c.*]. . .  | **YES = 1****NO = 3** | 0221 | 0234 |
| b. Did you use any product to slow the breakdown of nitrogen on this field in **2011**?(For example a nitrification inhibitor, an urease inhibitor, or slow release polymer.). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1****NO = 3** | 0222 |  |
|  |  | **CODE** | **Edit Table** |
| c. the **2010** crop? [*If* ***Yes****, enter 1 and continue. If* ***No****, enter 3 then go to e.*]. . .  | **YES = 1****NO = 3** | 0235 | 0233 |
| d. Did you use any product to slow the breakdown of nitrogen on this field in **2010**? (For example a nitrification inhibitor, an urease inhibitor, or slow release polymer.). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1****NO = 3** | 0236 |  |
|  |  | **CODE** | **Edit Table** |
| e. the **2009** crop? [*If* ***Yes****, enter 1 and continue. If* ***No****, enter 3 then go to question 2.*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1****NO = 3** | 0237 | 0232 |
| f. Did you use any product to slow the breakdown of nitrogen on this field in **2009**? (For example a nitrification inhibitor, an urease inhibitor, or slow release polymer.). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1****NO = 3** | 0238 |  |
|  |
| 2. **Is your** **soil phosphorus level elevated to a point where no additional phosphorus nutrients can be applied to this field for the 2011 crop year?**. . . . . . . . . . . . . . . . . . . . . . . . .  | **YES =1** | 0247 |
| 3. **Were phosphorus nutrients applied to this field as either fertilizer or manure prior to 2009 to supply phosphorus for subsequent years of the crop rotation?** | **CODE** |
| [ ]  **YES** – [*Enter 1 and continue*.][ ]  **NO** – [*Enter 3 then go to item 4*.]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0248 |
|  | **MMDDYY** |
| a. When were the phosphorus nutrients applied?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0249\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |
|  |  |  |  |  |  |  |
|  | **Units** **for fertilizer** | **Units** **for manure** |  | **AMOUNT** | **AND** | **UNIT CODE** |
| b. What rate was applied?. . . . . .  |  18 lbs/acre P2O5 | 1. Pounds
2. Tons

12 Gallons14 Acre-Inch manure/acre | . . . . . .  | 0250 |  | 0251 |

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| 4. **Was a soil test performed on this field within the last 5 years to determine crop nutrient application needs?** |
|  | **CODE** |
| [ ]  **YES** – [*Enter 1 and continue*.][ ]  **NO** – [*Enter 3 then go to item 5*.]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0252 |
|  | **CODE** |
| a. How often is the soil test performed?. . . . . . . . . . . .  | 1. annual
2. every 2-3 years
3. once during the rotation
 | . . . . . . . . . . . . .  | 0253 |
| b. Please provide the following information for the last soil test performed on this field. If nitrogen and phosphorus were tested separately, provide the information for BOTH tests. |
| 1**Year of** **Test** | 2 | 3 | 4**Soil Test Nitrogen** | 5**Soil Test Phosphorus** | 6**Soil Test Potassium** | 7 |
| **YYYY** | **Crop****Name** | **Crop Code** | **Test** **Value** |  **Unit**1. lbs/acre
2. ppm
 | **Test** **Value** |  **Unit**1. lbs/acre
2. ppm
3. mg/kg
 | **Test** **Value** |  **Unit**1. lbs/acre
2. ppm
 | **Soil pH** |
| 0254\_\_ \_\_ \_\_ \_\_ |  | 0255 | 0256 | 0257 | 0258 | 0259 | 0260 | 0261 | 0262 | **.\_\_\_** |
| 0263\_\_ \_\_ \_\_ \_\_ |  | 0264 | 0265 | 0266 | 0267 | 0268 | 0269 | 0270 | 0271 | **.\_\_\_** |
|  |
| 5. **Were any of the following types of soil or tissue tests performed to determine nutrient needs on this field?** |  | **CODE** |
| a. Pre-plant or pre-sidedress nitrate-nitrogen test. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0272 |
| b. Deep soil profile nitrate-nitrogen test (greater than one foot deep). . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0273 |
| c. Leaf petiole or leaf tissue tests. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0274 |
| d. Post-harvest stalk test. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0275 |
| e. Chlorophyll analysis (for example, leaf color charts, chlorophyll meters, optical sensors, or remote aerial sensing). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0276 |
|  |  |
| 6. **During crop years 2011, 2010, or 2009---** |  | **2011** | **2010** | **2009** |
| **Was a GPS (Global Positioning System) device used to** **georeference and/or produce a map of the soil properties** **of this field** (*such as soil nitrate levels, pH, etc*.)?. . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1299 | 1310 | 1321 |
|  [*If* ***Yes*** *to any crop year, continue. If* ***No*** *to all crop years go to item 7a*.] |  | **2011** | **2010** | **2009** |
| a. Was the map based on random sampling?. . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0277 | 0279 | 0281 |
| b. Was the map based on grid sampling?. . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0278 | 0280 | 0282 |
| c. Was the map based on a machine that measured electrical  conductivity of the soil?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1301 | 1312 | 1323 |

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| **ENUMERATOR NOTE:** Was fertilizer applied in 2011? [*If* ***Yes*** *continue. If* ***No*** *go to Item 7b.*] |
|  7a. **Now I need to record information for each fertilizer application for the 2011 crop.***[Probe for applications made in the fall of 2010 (and those made earlier if this field was fallow) for the 2011 crop year*.] |
| **CHECKLIST** |  |  |  |
| **INCLUDE** | **EXCLUDE** |  |  |  |
| [ ]  Custom applied fertilizers | [ ]  Micronutrients |  | **T-TYPE** **2** | **TABLE** **100** |
| [ ]  Sulfur | [ ]  Commercially prepared manure |
|  | [ ]  Unprocessed manure | **Line****99** | **Office use****Lines in table** | 0220 |
|  | [ ]  Lime and gypsum |
|  | 1 | 2 | 3 | 4 | 5 | 6 |
| **LINE** | **Crop Year** | **Primary crop for which nutrients were** **intended** | **Crop** **Code**[*Enter crop code from Respondent Booklet.*] | **MATERIALS USED***Enter actual pounds of plant nutrients applied per acre.* *If only fertilizer analysis is known, enter percent analysis* *in this column and quantity of plant nutrients* *applied per acre in column 5.* [*Show Common Fertilizers in Respondent Booklet.]* | **What quantity** **was applied** **per acre?**[*Leave this column blank if actual nutrients were reported**in column 4.*] | [*Enter material code.]* |
|  *1* *3**12* | *Pounds**Tons* *Gallons* |
|  |  |  |  | **Nitrogen** **N** | **Phosphorus****P2O5** | **Potassium K2O** | **Sulfur****S** |  |  |
| **01** | **11** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **02** | **11** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **03** | **11** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **04** | **11** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **05** | **11** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **06** | **11** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **07** | **11** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **08** | **11** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **09** | **11** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **10** | **11** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **11** | **11** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **12** | **11** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **13** | **11** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **14** | **11** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **APPLICATION CODES FOR COLUMN 8** |  |  |  |
|  |  1 Broadcast, ground without incorporation 2 Broadcast, ground with incorporation 3 Broadcast, by air 4 In seed furrow 5 In irrigation water (fertigation) 6 Chiseled/injected or knifed in 7 Banded/side-dressed on the soil surface 8 Foliar or directed spray |  |  |  |
|  |
|  | 7 | 8 | 9 | 10 | NOTES |
|  |  |  |  |  |
| **LINE** | **When was this applied?** | **How was this applied?**[*Enter code from box above.*] | **How many acres were treated in this application?** | **Was variable rate technology (VRT) used?**[*Include “on-the-go” sensing.*] |
| **MMDDYY** | **ACRES** | **YES=1** |
| **01** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **02** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **03** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **04** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **05** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **06** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **07** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **08** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **09** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **10** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **11** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **12** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **13** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **14** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |

|  |
| --- |
| **ENUMERATOR NOTE:** Was fertilizer applied in 2010? [*If* ***Yes*** *continue. If* ***No*** *go to Item 7c.*] |
| 7b**. Now I need to record information for each fertilizer application for the 2010 crop.**[*Probe for applications made in the fall of 2009 (and those made earlier if this field was fallow) for the 2010 crop year.*] |
| **CHECKLIST** |  |  |  |
| **INCLUDE** | **EXCLUDE** |  |  |  |
| [ ]  Custom applied fertilizers | [ ]  Micronutrients |  | **T-TYPE** **2** | **TABLE** **200** |
| [ ]  Sulfur | [ ]  Commercially prepared manure |
|  | [ ]  Unprocessed manure | **Line****99** | **Office use****Lines in table** | 0220 |
|  | [ ]  Lime and gypsum |
|  | 1 | 2 | 3 | 4 | 5 | 6 |
| **LINE** | **Crop Year** | **Primary crop for which nutrients were** **intended** | **Crop** **Code**[*Enter crop code from Respondent Booklet.*] | **MATERIALS USED***Enter actual pounds of plant nutrients applied per acre.* *If only fertilizer analysis is known, enter percent analysis* *in this column and quantity of plant nutrients* *applied per acre in column 5.* *[Show Common Fertilizers in Respondent Booklet.]* | **What quantity****was applied** **per acre?**[*Leave this column blank if actual nutrients were reported**in column 4.]* | [*Enter material code.]* |
|  *1* *3**12* | *Pounds**Tons* *Gallons* |
|  |  |  |  | **Nitrogen** **N** | **Phosphorus****P2O5** | **Potassium K2O** | **Sulfur****S** |  |  |
| **01** | **10** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **02** | **10** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **03** | **10** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **04** | **10** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **05** | **10** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **06** | **10** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **07** | **10** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **08** | **10** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **09** | **10** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **10** | **10** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **11** | **10** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **12** | **10** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **13** | **10** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **14** | **10** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **APPLICATION CODES FOR COLUMN 8** |  |  |  |
|  |  1 Broadcast, ground without incorporation 2 Broadcast, ground with incorporation 3 Broadcast, by air 4 In seed furrow 5 In irrigation water (fertigation) 6 Chiseled/injected or knifed in 7 Banded/side-dressed on the soil surface 8 Foliar or directed spray |  |  |  |
|  |
|  | 7 | 8 | 9 | 10 | NOTES |
|  |  |  |  |  |
| **LINE** | **When was this applied?** | **How was this applied?**[*Enter code from box above.*] | **How many acres were treated in this application?** | **Was variable rate technology (VRT) used?**[*Include “on-the-go” sensing.*] |
| **MMDDYY** | **ACRES** | **YES=1** |
| **01** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **02** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **03** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **04** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **05** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **06** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **07** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **08** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **09** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **10** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **11** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **12** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **13** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **14** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |

|  |
| --- |
| **ENUMERATOR NOTE:** Was fertilizer applied in 2009? [*If* ***Yes*** *continue. If* ***No*** *go to Section E.*] |
| 7c. **Now I need to record information for each fertilizer application for the 2009 crop.**[*Probe for applications made in the fall of* *2008 (and those made earlier if this field was fallow) for the 2009 crop year*.] |
| **CHECKLIST** |  |  |  |
| **INCLUDE** | **EXCLUDE** |  |  |  |
| [ ]  Custom applied fertilizers | [ ]  Micronutrients |  | **T-TYPE** **2** | **TABLE** **300** |
| [ ]  Sulfur | [ ]  Commercially prepared manure |
|  | [ ]  Unprocessed manure | **Line****99** | **Office use****Lines in table** | 0220 |
|  | [ ]  Lime and gypsum |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 |
| **LINE** | **Crop Year** | **Primary crop for which nutrients were** **intended** | **Crop** **Code**[*Enter crop code from Respondent Booklet.*] | **MATERIALS USED***Enter actual pounds of plant nutrients applied per acre.* *If only fertilizer analysis is known, enter percent analysis* *in this column and quantity of plant nutrients* *applied per acre in column 5.*  *[Show Common Fertilizers in Respondent Booklet.]* | **What quantity** **was applied** **per acre?**[*Leave this column blank if actual nutrients were reported**in column 4.]* | [*Enter material code.]* |
|  *1* *3**12* | *Pounds**Tons* *Gallons* |
|  |  |  |  | **Nitrogen** **N** | **Phosphorus****P2O5** | **Potassium K2O** | **Sulfur****S** |  |  |
| **01** | **09** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **02** | **09** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **03** | **09** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **04** | **09** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **05** | **09** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **06** | **09** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **07** | **09** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **08** | **09** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **09** | **09** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **10** | **09** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **11** | **09** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **12** | **09** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **13** | **09** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |
| **14** | **09** |  | 0204 | 0205 | 0206 | 0207 | 0239 | 0208 | 0209 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **APPLICATION CODES FOR COLUMN 8** |  |  |  |
|  |  1 Broadcast, ground without incorporation 2 Broadcast, ground with incorporation 3 Broadcast, by air 4 In seed furrow 5 In irrigation water (fertigation) 6 Chiseled/injected or knifed in 7 Banded/side-dressed on the soil surface 8 Foliar or directed spray |  |  |  |
|  |
|  | 7 | 8 | 9 | 10 | NOTES |
|  |  |  |  |  |
| **LINE** | **When was this applied?** | **How was this applied?**[*Enter code from box above.*] | **How many acres were treated in this application?** | **Was variable rate technology (VRT) used?**[*Include “on-the-go” sensing.*] |
| **MMDDYY** | **ACRES** | **YES=1** |
| **01** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **02** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **03** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **04** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **05** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **06** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **07** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **08** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **09** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **10** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **11** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **12** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **13** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |
| **14** | 0210\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 0211 | 0212**.\_\_\_** | 0215 |  |

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| --- | --- | --- |
| **E** | **MANURE APPLICATIONS---**SELECTED FIELD  | **E** |

|  |  |  |  |
| --- | --- | --- | --- |
| 1. **Was manure applied to this field for the 2011, 2010, or 2009 crop year?** Manure applications include effluents from waste lagoons, waste holding ponds, and waste runoff storage ponds. (***Include*** *commercially prepared manure.)* |  |  |  |
| **T-TYPE** | **TABLE** | **LINE** |
| **0** | **000** | **00** |
| [Probe for applications made in the fall of 2008, 2009 and 2010 (and those made earlier if this field was fallow) for the 2009, 2010, and 2011 crop years.] |
|  | **CODE** |
|  [ ]  **YES –** [*Enter 1 and continue.*] [ ]  **NO –** [*Enter 3 then go to Section F.*] . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0418 |
|  |
|  |  | **T-TYPE** | **TABLE** |
|  |  | **4** | **001** |
| 2. **Now I need to record information for each manure application.** | **LINE****99** | **OFFICE USE LINES IN TABLE** | 0417 |
|  |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| **LINE** | **Crop Year** | **Primary crop** **for which** **nutrients were intended** |  **Crop Code** | **What****quantity of manure** **was applied****per acre?** | **Unit***(column 4 only)* 1 Pounds 3 Tons 4 Bushels12 Gallons14 Acres/Inch | **Where was the manure produced?** | **How was the manure handled*?*** 1 Solid 2 Liquid 3 Slurry | **Was a manure** **test done**? 1 YES 2 DON’T KNOW 3 NO |
| 12345 | On this operationPurchasedObtained at no costoff this operationObtained with compensationCommercially prepared manure |
|  | **YY** |  | **CODE** |  |  | **CODE** | **CODE** | **CODE** |
|  | 0403 |  | 0404 | 0408 | 0409 | 0407 | 0416 | 0455 |
| **01** | \_\_\_ \_\_\_ |  |  |  | **.\_\_\_** |  |  |  |  |
|  | 0403 |  | 0404 | 0408 | 0409 | 0407 | 0416 | 0455 |
| **02** | \_\_\_ \_\_\_ |  |  |  | **.\_\_\_** |  |  |  |  |
|  | 0403 |  | 0404 | 0408 | 0409 | 0407 | 0416 | 0455 |
| **03** | \_\_\_ \_\_\_ |  |  |  | **.\_\_\_** |  |  |  |  |
|  | 0403 |  | 0404 | 0408 | 0409 | 0407 | 0416 | 0455 |
| **04** | \_\_\_ \_\_\_ |  |  |  | **.\_\_\_** |  |  |  |  |
|  | 0403 |  | 0404 | 0408 | 0409 | 0407 | 0416 | 0455 |
| **05** | \_\_\_ \_\_\_ |  |  |  | **.\_\_\_** |  |  |  |  |
|  | 0403 |  | 0404 | 0408 | 0409 | 0407 | 0416 | 0455 |
| **06** | \_\_\_ \_\_\_ |  |  |  | **.\_\_\_** |  |  |  |  |
|  | 0403 |  | 0404 | 0408 | 0409 | 0407 | 0416 | 0455 |
| **07** | \_\_\_ \_\_\_ |  |  |  | **.\_\_\_** |  |  |  |  |
|  | 0403 |  | 0404 | 0408 | 0409 | 0407 | 0416 | 0455 |
| **08** | \_\_\_ \_\_\_ |  |  |  | **.\_\_\_** |  |  |  |  |
|  | 0403 |  | 0404 | 0408 | 0409 | 0407 | 0416 | 0455 |
| **09** | \_\_\_ \_\_\_ |  |  |  | **.\_\_\_** |  |  |  |  |
|  | 0403 |  | 0404 | 0408 | 0409 | 0407 | 0416 | 0455 |
| **10** | \_\_\_ \_\_\_ |  |  |  | **.\_\_\_** |  |  |  |  |

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| --- | --- | --- | --- | --- |
|  | **CODES FOR MANURE SOURCE COLUMN 11** |  | **CODES FOR APPLICATION COLUMN 15** |  |
|  |  1 Beef cattle 2 Dairy cattle 3 Hogs 4 Sheep 5 Poultry 6 Equine 7 Biosolids 8 Other (*specify*)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 9 Don’t Know |  | 1 Dry broadcast, without incorporation2 Dry broadcast, with incorporation3 Liquid broadcast, without incorporation4 Liquid broadcast, with incorporation5 Chiseled/injected or knifed in6 Furrow or basin irrigated7 Sprinkler irrigated |  |
|  |
|  | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| **LINE** | **Results from manure****analysis test****OR****actual amount** **of nutrients applied**[*Leave this column blank if column 8 = 2 or 3*] | **Unit**(*column 9 only*) | **Major****source of manure**[*Enter code from box above.*] | **Was manure composted before application?** 1 Yes 2 Don’t Know 3 No | **Composting Method?**[*Leave* *this column blank if column 12 =* *2 or 3*] 1 Windrow 2 Static pile 3 In-Vessel 4 Other | **When was this applied?** | **How was this applied?**[*Enter code from box above.*] | **How many acres were treated** **in this application?** |
| Nitrogen**N** | Phosphorus**P2O5** | Potassium**K2O** |  31 lbs/ton 121 lbs/1000gals 19 actual nutrients 15 lbs/acre-inch | **MMDDYY** | **ACRES** |
|  | 0405 | 0406 | 0457 | 0456 | 0413 | 0415 | 0458 | 0410 | 0411 | 0412 |
| **01** |  |  |  |  |  |  |  | \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |  | .\_\_\_\_ |
|  | 0405 | 0406 | 0457 | 0456 | 0413 | 0415 | 0458 | 0410 | 0411 | 0412 |
| **02** |  |  |  |  |  |  |  | \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |  | .\_\_\_\_ |
|  | 0405 | 0406 | 0457 | 0456 | 0413 | 0415 | 0458 | 0410 | 0411 | 0412 |
| **03** |  |  |  |  |  |  |  | \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |  | .\_\_\_\_ |
|  | 0405 | 0406 | 0457 | 0456 | 0413 | 0415 | 0458 | 0410 | 0411 | 0412 |
| **04** |  |  |  |  |  |  |  | \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |  | .\_\_\_\_ |
|  | 0405 | 0406 | 0457 | 0456 | 0413 | 0415 | 0458 | 0410 | 0411 | 0412 |
| **05** |  |  |  |  |  |  |  | \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |  | .\_\_\_\_ |
|  | 0405 | 0406 | 0457 | 0456 | 0413 | 0415 | 0458 | 0410 | 0411 | 0412 |
| **06** |  |  |  |  |  |  |  | \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |  | .\_\_\_\_ |
|  | 0405 | 0406 | 0457 | 0456 | 0413 | 0415 | 0458 | 0410 | 0411 | 0412 |
| **07** |  |  |  |  |  |  |  | \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |  | .\_\_\_\_ |
|  | 0405 | 0406 | 0457 | 0456 | 0413 | 0415 | 0458 | 0410 | 0411 | 0412 |
| **08** |  |  |  |  |  |  |  | \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |  | .\_\_\_\_ |
|  | 0405 | 0406 | 0457 | 0456 | 0413 | 0415 | 0458 | 0410 | 0411 | 0412 |
| **09** |  |  |  |  |  |  |  | \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |  | .\_\_\_\_ |
|  | 0405 | 0406 | 0457 | 0456 | 0413 | 0415 | 0458 | 0410 | 0411 | 0412 |
| **10** |  |  |  |  |  |  |  | \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |  | .\_\_\_\_ |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  | **T-TYPE** | **TABLE** | **LINE** | **EDIT MANURE TABLE** |
|  |  |  | **0** | **000** | **00** | **2011** | **2010** | **2009** |
|  |  |  |  |  |  | 0454 | 0453 | 0452 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **TYPE****0** | **TABLE****000** | **LINE****00** |
|  |  |
| 3. **Were the manure application rates to this field influenced by State or local restrictions, by your conservation plan, nutrient management plan (NMP) or your comprehensive nutrient management plan (CNMP)?** [*If* ***Yes****, enter 1 and continue; if* ***No,*** *enter 3 then go to Item 4*.]. . . . . . .  | 0419 |
|  |  |  | **CODE** |
| a. What nutrient requirement basis was used to determine these manure applications?. . . . . . . . . . .  | 1 Nitrogen2 Phosphorus | . . . . . . . . . . . . . . . . . . .  | 0420 |
|  | **Soil Test P** |  | **UNIT CODES** |  | **CODE** |
| b. What was the soil test phosphorus level in the field before the manure application occurred?. . . .  | 459 |  | 1. mg/kg P
2. ppm P
3. lbs/acre
 | . . . . . . . . . .  | 0460 |
|  |  |
| 4. **Was the use of commercial fertilizers adjusted on this field in years when manure was applied?**[*If* ***Yes****, enter 1 and continue; if* ***No****, enter 3 then go to Item 5.*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0421 |
|  |  |  |
| a. Was commercial nitrogen reduced?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0422 |
| b. Was commercial phosphorus reduced?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0423 |
|  |  |  |
|  | 1 No plans to apply manure again2 At least once per year3 Once every 2 years4 Once every 3 years5 Once every 4 years6 Once every 5 or more years | . . . . . . . . . . . . . . . . .  | **CODE** |
| 5. **How often do you plan to apply manure to this field in future years?**. . .  | 0424 |
|  |
|  |
| **ENUMERATOR NOTE:** *If a “1” was reported in Section E, question 2, column 6, continue. If not, go to question 8.* |
| 6. **Was any manure applied to the selected field produced on this operation?** | **CODE** |
|  [ ]  **YES –** [*Enter 1 and continue.*] [ ]  **NO –** [*Enter 3 then go to question 8.*] . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0425 |
|  |  |
| 7. **What type of manure storage and/or treatment system is used for the bulk of manure thatwas applied to this field?**.  | Solid | Slurry | Liquid |  | **CODE** |
| 123456 | stacking slab (open storage)covered slabmanure packbarn, shed or house other (*specify*)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_none | 789 | concrete or steel tank, basin or pitearthen storage facilityother (*specify*)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 10111213 | single stage lagoon or holding pondtwo stage lagoon system with the second stage being either a lagoon or a holding pondrun off storage pond used only for collection of open-lot run offother (*specify*)\_\_\_\_\_\_\_\_ | . . . .  | 0426 |
|  |  |
|  |  | **CODE** |
| 8. **Was an amendment added to manure prior to application, or to the field, in order** **to enhance nutrient efficiency or reduce environmental impacts?**[*For example, aluminum or iron compounds, strong acids, nitrapyrin, or NBPT*]. . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0461 |

|  |  |  |
| --- | --- | --- |
| **F** | **PEST CONTROL APPLICATIONS---**SELECTED FIELD | **F** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. **Were any products applied to this field in 2011, 2010, or 2009 to control weeds, insects, or diseases?** [ **Include** herbicides, insecticides, fungicides, biocontrol agents, and other conventional or organic products]. . . . . . . . . . . . . . . . . . . . . . . . . . .  |  |  |  |  |
|  |  | **2011** | **2010** | **2009** |
|  | **YES = 1****NO = 3** | 0315 | 0345 | 0346 |
| [**ENUMERATOR ACTION:** *If pesticides applied in any year, continue. Complete table only for year(s) specified, else go to Section G.*] | **Edit****Table** | 0344 | 0343 | 0342 |
|  | **CODE** |
| 2. **Did you use a pesticide product for the purpose of improving plant health as**  **opposed to controlling a pest?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0347 |
|  |  |  |
| 3. **Did you alter any of your pesticide applications specifically to protect honey bees and/or native pollinators?** (*For example, utilize an IPM program that specifically protects pollinators, only apply insecticides outside of the bloom period, only apply insecticides at night, etc.*). . .  | **YES = 1** | 0348 |
|  |  |  |
| 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** | 0318 |
|  |  |  |
| 5. **Did you select and plant crop seeds that had been commercially treated with fungicides or insecticides?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0349 |
|  |  |  |
| 6. **Did you select and plant crop cultivars with genetically engineered tolerances to specific herbicides such as glyphosate or glufosinate?**. . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0350 |
|  |
| **ENUMERATOR ACTION:** Were any pest control products applied in 2011? [*If* ***Yes*** *continue. If* ***No*** *go to item 8b*.] |
| 7. **Other than cost and product effectiveness, did you consider any other factors in determining which pest control product to use in** **2011?** | **CODE** |
| [ ]  **YES –** [*Enter 1 and continue.*] [ ]  **NO –** [*Enter 3 then go to item 8a.*]. . . . . . . . . . . . . . . . . .  | 0351 |
| a. Which of the following factors did you consider? |  |
| **Source** | [*Mark all that apply.*]**YES = 1** |
| Potential health risk to applicator or farm worker. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0352 |
| Risk to populations of beneficial organisms (earthworms, bees, ladybugs, etc.). . . . . . . . . . . . . . . . . . . . . .  | 0353 |
| Risk to natural resources (drinking water, wildlife, fish, etc.). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0354 |
| Pest resistance management. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0355 |
| Crop safety. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0356 |
| Other (s*pecify)*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0357 |

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| **ENUMERATOR NOTE:** Were pest control products applied in 2011? [*If* ***Yes*** *continue. If* ***No*** *go to Item 8b.*] |
|  8a. **Including both custom applications and applications made by this operation,** **list all the pest control products used on this field for the 2011 crop(s).** |
|  [*Probe for applications made in the fall of 2010 (and those made earlier if this field was fallow) for the* *2011 crop year.]* |
|  |
| ***Include*** *herbicides, insecticides, fungicides, defoliants, growth regulators, microbial agents, miticides, nematicides, rodenticides, soil fumigants, and seed treatments.* | ***Exclude*** *fertilizers, adjuvants (e.g. wetting agents, stickers, spreaders, etc.).* |  |  |  |
| **T-TYPE** | **TABLE** |
| **3** | **100** |
| ***Include*** *biological and botanical pest control products.* |  | **Line****99** | **Office use****Lines in table** | 0314 |
|  |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 |
| **PRODUCT****NAME** | **LINE** | **Crop Year** | **Primary crop** **for which** **control agent****was intended** | **Crop Code**[*Enter crop code from Respondent Booklet.*] | **What products were applied to this field?**[*Enter 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.*] |
|  | **01** | **11** |  | 0304 | 0305 |  | 0306 |
|  | **02** | **11** |  | 0304 | 0305 |  | 0306 |
|  | **03** | **11** |  | 0304 | 0305 |  | 0306 |
|  | **04** | **11** |  | 0304 | 0305 |  | 0306 |
|  | **05** | **11** |  | 0304 | 0305 |  | 0306 |
|  | **06** | **11** |  | 0304 | 0305 |  | 0306 |
|  | **07** | **11** |  | 0304 | 0305 |  | 0306 |
|  | **08** | **11** |  | 0304 | 0305 |  | 0306 |
|  | **09** | **11** |  | 0304 | 0305 |  | 0306 |
|  | **10** | **11** |  | 0304 | 0305 |  | 0306 |
|  | **11** | **11** |  | 0304 | 0305 |  | 0306 |
|  | **12** | **11** |  | 0304 | 0305 |  | 0306 |
|  | **13** | **11** |  | 0304 | 0305 |  | 0306 |
|  | **14** | **11** |  | 0304 | 0305 |  | 0306 |
|  | **15** | **11** |  | 0304 | 0305 |  | 0306 |
|  |
|  [*For pest control products not listed in Respondent Booklet, specify --*] |
| **Line** |  | **Pest Control Product Type**(*Herbicide, Insecticide, Fungicide, etc.)* |  | **EPA No. or Tradename and Formulation** | **Form Purchased**(Liquid or Dry) | **Where Purchased**[*Ask only if EPA No. cannot be reported.*] |
| \_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| \_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| \_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  | **APPLICATION CODES FOR COLUMN 11** |
|  |  |  | 4 Seed furrow5 Chemigation (in irrigation water)6 Chisel/injected or knifed in8 Direct spray, foliar10 Seed treatment by producer prior to planting11 Broadcast, ground, not incorporated13 Broadcast, ground, foliar21 Broadcast, ground, incorporated  | 31 Broadcast, aerial32 Broadcast, aerial, foliar71 Banded/side-dressed73 Banded/side-dressed, foliar76 T-Banded (combo of banded and injected) |
|  |
|  | 7 | 8 | **OR** | 9 | 10 | 11 | 12 | 13 |
| **LINE** | **When was it applied?****MMDDYY** | **How much** **was** **applied** **per acre** **per application** |  | **What was** **the total amount applied per application** **in this field?** | [*Enter unit code.]*(*col. 8 or 9 only*) 1 Pounds12 Gallons13 Quarts14 Pints15 Liquid Ounces28 Dry Ounces30 Grams40 Kilograms41 Liters | **How was this****product****applied?**[*Enter code from above.*] | **Was this product** **applied to the entire field, to only a portion of the field, or as a spot treatment?** 1 Entire field 2 Part of field 3 Spot treatment | **How many acres in this field****were treated****with this** **product?****ACRES** |
| **01** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **02** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **03** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **04** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **05** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **06** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **07** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **08** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **09** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **10** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **11** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **12** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **13** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **14** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **15** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
|  |

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| **ENUMERATOR NOTE:** Were pest control products applied in 2010? [*If* ***Yes*** *continue. If* ***No*** *go to Item 8c.*] |
|  8b. **Including both custom applications and applications made by this operation,** **list all the pest control products used on this field for the 2010 crop(s).** |
|  [*Probe for applications made in the fall of 2009 (and those made earlier if this field was fallow) for the 2010 crop year.]* |
|  |
| ***Include*** *herbicides, insecticides, fungicides, defoliants, growth regulators, microbial agents, miticides, nematicides, rodenticides, soil fumigants, and seed treatments.* | ***Exclude*** *fertilizers, adjuvants (e.g. wetting agents, stickers, spreaders, etc.).* |  |  |  |
| **T-TYPE** | **TABLE** |
| **3** | **200** |
| ***Include*** *biological and botanical control products.* |  | **Line****99** | **Office use****Lines in table** | 0314 |
|  |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 |
| **PRODUCT****NAME** | **LINE** | **Crop Year** | **Primary crop** **for which** **control agent****was intended** | **Crop Code**[*Enter crop code from Respondent Booklet.*] | **What products were applied to this field?**[*Enter 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.*] |
|  | **01** | **10** |  | 0304 | 0305 |  | 0306 |
|  | **02** | **10** |  | 0304 | 0305 |  | 0306 |
|  | **03** | **10** |  | 0304 | 0305 |  | 0306 |
|  | **04** | **10** |  | 0304 | 0305 |  | 0306 |
|  | **05** | **10** |  | 0304 | 0305 |  | 0306 |
|  | **06** | **10** |  | 0304 | 0305 |  | 0306 |
|  | **07** | **10** |  | 0304 | 0305 |  | 0306 |
|  | **08** | **10** |  | 0304 | 0305 |  | 0306 |
|  | **09** | **10** |  | 0304 | 0305 |  | 0306 |
|  | **10** | **10** |  | 0304 | 0305 |  | 0306 |
|  | **11** | **10** |  | 0304 | 0305 |  | 0306 |
|  | **12** | **10** |  | 0304 | 0305 |  | 0306 |
|  | **13** | **10** |  | 0304 | 0305 |  | 0306 |
|  | **14** | **10** |  | 0304 | 0305 |  | 0306 |
|  | **15** | **10** |  | 0304 | 0305 |  | 0306 |
|  |
|  [*For pest control products not listed in Respondent Booklet, specify --*] |
| **Line** |  | **Pest Control Product Type**(*Herbicide, Insecticide, Fungicide, etc.)* |  | **EPA No. or Tradename and Formulation** | **Form Purchased**(Liquid or Dry) | **Where Purchased**[*Ask only if EPA No. cannot be reported.*] |
| \_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| \_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| \_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  | **APPLICATION CODES FOR COLUMN 11** |
|  |  |  | 4 Seed furrow5 Chemigation (in irrigation water)6 Chisel/injected or knifed in8 Direct spray, foliar10 Seed treatment by producer prior to planting11 Broadcast, ground, not incorporated13 Broadcast, ground, foliar21 Broadcast, ground, incorporated31 Broadcast, aerial32 Broadcast, aerial, foliar | 31 Broadcast, aerial32 Broadcast, aerial, foliar71 Banded/side-dressed73 Banded/side-dressed, foliar76 T-Banded (combo of banded and injected) |
|  |
|  | 7 | 8 | **OR** | 9 | 10 | 11 | 12 | 13 |
| **LINE** | **When was it applied?****MMDDYY** | **How much** **was** **applied** **per acre** **per application?** |  | **What was** **the** **total amount applied per application** **in this field?** | [*Enter unit code.]*(*col. 8 or 9 only*) 1 Pounds12 Gallons13 Quarts14 Pints15 Liquid Ounces28 Dry Ounces30 Grams40 Kilograms41 Liters | **How was this** **product****applied?**[*Enter code from above.*] | **Was this product** **applied to the entire field, to only a portion of the field, or as a spot treatment?** 1 Entire field 2 Part of field 3 Spot treatment | **How many acres in this field****were treated****with this** **product?****ACRES** |
| **01** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **02** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **03** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **04** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **05** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **06** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **07** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0388 | 0312**.\_\_\_\_** |
| **08** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **09** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **10** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **11** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **12** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **13** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **14** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **15** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |

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| **ENUMERATOR NOTE:** Were pest control products applied in **2009**? [*If* ***Yes*** *continue. If* ***No*** *go to Section G.*] |
|  8c. **Including both custom applications and applications made by this operation,** **list all the pest control products used on this field for the 2009 crop(s).** |
|  [*Probe for applications made in the fall of 2008 (and those made earlier if this field was fallow) for the 2009 crop year.]* |
|  |
| ***Include*** *herbicides, insecticides, fungicides, defoliants, growth regulators, microbial agents, miticides, nematicides, rodenticides, soil fumigants, and seed treatments.* | ***Exclude*** *fertilizers, adjuvants (e.g. wetting agents, stickers, spreaders, etc.).* |  |  |  |
| **T-TYPE** | **TABLE** |
| **3** | **300** |
| ***Include*** *biological and botanical pest control products.* |  | **Line****99** | **Office use****Lines in table** | 0314 |
|  |
|  |  | 1 | 2 | 3 | 4 | 5 | 6 |
| **PRODUCT****NAME** | **LINE** | **Crop Year** | **Primary crop** **for which** **control agent****was intended** | **Crop Code**[*Enter crop code from Respondent Booklet.*] | **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.*] |
|  | **01** | **09** |  | 0304 | 0305 |  | 0306 |
|  | **02** | **09** |  | 0304 | 0305 |  | 0306 |
|  | **03** | **09** |  | 0304 | 0305 |  | 0306 |
|  | **04** | **09** |  | 0304 | 0305 |  | 0306 |
|  | **05** | **09** |  | 0304 | 0305 |  | 0306 |
|  | **06** | **09** |  | 0304 | 0305 |  | 0306 |
|  | **07** | **09** |  | 0304 | 0305 |  | 0306 |
|  | **08** | **09** |  | 0304 | 0305 |  | 0306 |
|  | **09** | **09** |  | 0304 | 0305 |  | 0306 |
|  | **10** | **09** |  | 0304 | 0305 |  | 0306 |
|  | **11** | **09** |  | 0304 | 0305 |  | 0306 |
|  | **12** | **09** |  | 0304 | 0305 |  | 0306 |
|  | **13** | **09** |  | 0304 | 0305 |  | 0306 |
|  | **14** | **09** |  | 0304 | 0305 |  | 0306 |
|  | **15** | **09** |  | 0304 | 0305 |  | 0306 |
|  |
|  [*For pest control products not listed in Respondent Booklet, specify --*] |
| **Line** |  | **Pest Control Product Type**(*Herbicide, Insecticide, Fungicide, etc.)* |  | **EPA No. or Tradename and Formulation** | **Form Purchased**(Liquid or Dry) | **Where Purchased**[*Ask only if EPA No. cannot be reported.*] |
| \_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| \_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| \_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  | **APPLICATION CODES FOR COLUMN 11** |
|  |  |  | 4 Seed furrow5 Chemigation (in irrigation water)6 Chisel/injected or knifed in8 Direct spray, foliar10 Seed treatment by producer prior to planting11 Broadcast, ground, not incorporated13 Broadcast, ground, foliar21 Broadcast, ground, incorporated | 31 Broadcast, aerial32 Broadcast, aerial, foliar71 Banded/side-dressed73 Banded/side-dressed, foliar76 T-Banded (combo of banded and injected) |
|  |
|  | 7 | 8 | **OR** | 9 | 10 | 11 | 12 | 13 |
| **LINE** | **When was it applied?****MMDDYY** | **How much** **was** **applied** **per acre** **per application?** |  | **What was** **the total amount applied per application** **in this field?** | [*Enter unit code.]*(*col. 8 or 9 only*) 1 Pounds12 Gallons13 Quarts14 Pints15 Liquid Ounces28 Dry Ounces30 Grams40 Kilograms41 Liters | **How was this****product****applied?**[*Enter code from above.*] | **Was this product** **applied to the entire field, to only a portion of the field, or as a spot treatment?** 1 Entire field 2 Part of field 3 Spot treatment | **How many acres in this field****were treated****with this** **product?****ACRES** |
| **01** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **02** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **03** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **04** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **05** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **06** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **07** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **08** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **09** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **10** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **11** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **12** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **13** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **14** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |
| **15** | 0307**\_\_ \_\_ \_\_ \_\_ \_\_ \_\_** | 0308**.\_\_\_ \_\_\_** |  | 0309**.\_\_\_ \_\_\_** | 0310 | 0311 | 0358 | 0312**.\_\_\_\_** |

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

|  |
| --- |
|  |
|  | **T-Type** | **Table** | **Line** |
|  | **0** | **000** | **00** |
|  |
| **Now I have some questions about the pest management decisions and practices used on this field during the 2011 crop year. By pests, we mean INSECTS, WEEDS, and PLANT DISEASES.** |
|  |

|  |  |  |  |
| --- | --- | --- | --- |
| 1. **During 2011, how was this field primarily scouted for pests and/or beneficial organisms?**. . . . . . . . . . . . . . . .  | 1 By conducting general observations while performing routine tasks. [*Enter 1 then go to* ***Item 3****.*]2 By deliberately going to the field specifically for scouting activities. [*Enter 2 then go to* ***Item 2****.*]3 This field was not scouted for pests.  [*Enter 3 then go to* ***Item 8.***] |  | **CODE** |
| . . . . . . . . . . .  | 1701 |
|  |  |
|  |

|  |  |  |
| --- | --- | --- |
| 2. **Was an established scouting process used** **in this field** (systematic sampling, recording counts, use of insect traps, etc.)?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1**  | 1702 |
| 3. **Was scouting for pests done in this field due to --** |  |  |
| a. a pre-determined schedule or calendar?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1773 |
| b. a pest development model based on degree days, maximum or minimum  temperatures, or wetness?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1**  | 1703 |
| c. a pest advisory warning?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1**  | 1704 |
| 4. **Was this field scouted for --** |
|  |
| 1 | 2[*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 | 3[*If column 1 =* ***YES****, ASK--*]**Based on the scouting report****and compared to published** **threshold levels,** **rate the pest pressure as—**1. Low
2. Medium
3. High
 |
|  | **YES = 1** | **CODE** | **CODE** |
| a. weeds?. . . . . . . . . . . . . . . . . . . . .  | 1705 | 1709 | 1774 |
| b. insects or mites?. . . . . . . . . . . . . .  | 1706 | 1710 | 1775 |
| c. diseases?. . . . . . . . . . . . . . . . . . .  | 1707 | 1711 | 1776 |
| d. other? (*specify*) \_\_\_\_\_\_ | . . . . . . . .  | 1708 | 1712 | 1777 |
|  | **CODE** |
| 5. **Was scouting for pests done in the field after a pest control application to evaluate degree of control?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1778 |
| 6. **Were either written or electronic records kept for this field to track the activity ornumbers of weeds, insects, or diseases?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1713 |
| 7. **Were scouting data compared to published information on infestation thresholdsto determine when to take measures to manage pests in this field?**. . . . . . . . . . . . . . . . . .  | **YES = 1** | 1714 |

|  |  |  |
| --- | --- | --- |
|  |  | **CODE** |
| 8. **Were field mapping data used for making weed management decisions**  **on this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1715 |
| 9. **Were the services of a diagnostic laboratory used for pest identification or soil or plant tissue pest analysis for this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1716 |
|  |
| 10. **Did you conduct any of the following activities for the crops grown in 2011 SPECIFICALLY for the purpose of managing pests or reducing the spread of pests?** |
|  | **YES = 1** |
| a. Remove, plow down, or burn any crop or crop residue. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1717 |
| b. Alter crop rotation. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1718 |
| c. Maintain ground covers, mulches, or other physical barriers. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1719 |
| d. Use no-till or minimum till. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1720 |
| e. Adjust spacing or plant density . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1721 |
| f. Release beneficial organisms (insects, nematodes, fungi) in the field. . . . . . . . . . . . . . . . . . . . . . . .  | 1722 |
| g. Chop, spray, mow, plow, or burn field edges, lanes, ditches, roadways or fence lines. . . . . . . . . . .  | 1723 |
| h. Grow a trap crop. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1724 |
| i. Clean equipment and field implements after completing field work. . . . . . . . . . . . . . . . . . . . . . . . . .  | 1725 |
| j. Cultivate for weed control during the growing season. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1727 |
| k. Choose crop variety because of specific resistance to a pest. . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1728 |
| l. Choose not to plant a crop in certain areas of the field to avoid a specific pest. . . . . . . . . . . . . . . . .  | 1779 |
| m. Adjust planting or harvesting dates. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1730 |
|  | **CODE** |
| 11. **Were weather data used to assist in determining either the ‘need for’ or**  **‘when to’ apply a pest management practice?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1731 |
| 12. **Other than pesticide applicator training, have you** (the operator) **attended any training sessions on pest identification and management in the past 3 years?**. . . . . . . . . . . . . . .  | **YES = 1** | 1746 |
| 13. **Were floral lures, attractants, repellants, pheromone traps or other biological pest controls used on this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1756 |

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| **ENUMERATOR ACTION:** Were any products listed in the table on page 24? [*If* ***Yes*** *continue, if* ***No*** *go to Section H.*] |
|  |
|  | **APPLICATION DECISION CODE LIST** |  |  |
|  | 1. Preventative schedule – Routine treatments?
2. Scouting data compared to published threshold guidelines?
3. Scouting data and your established thresholds?
4. Field mapping or GPS data on pests?
5. Recommendations from a chemical dealer?
6. Recommendations from an independent crop consultant?
7. Recommendations from University extension?
8. Recommendations from a neighbor?
9. Information from ipmPIPE (Pest Information Platform for Extension & Education)?
10. Other? (*specify*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
 |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |
| **ENUMERATOR ACTION:** *Show the operator the Application Decision Code List in the* ***Respondent Booklet***. Were any herbicides (*4000 series chemicals*) listed in the table on page 24?  [*If* ***Yes*** *continue, if* ***No*** *go to item 15.*] |
|  | **PRIMARY CODE** |
|  | 1880 |
| 14. **What were the two most important factors that influenced your decision to apply herbicides to this field in 2011?**  [*Identify the 2 most important sources from the Application Decision Code list*]. | **SECONDARY CODE** |
|  | 1881 |
|  |
| **ENUMERATOR ACTION:** Were any insecticides (*1000 series chemicals*) listed in the table on page 24?  [*If* ***Yes*** *continue, if* ***No*** *go to item 16.*] |
|  |
|  | **PRIMARY CODE** |
|  | 1882 |
| 15. **What were the two most important factors that influenced your decision to apply insecticides to this field in 2011?** [*Identify the 2 most important sources from the Application Decision Code list*]. | **SECONDARY CODE** |
|  | 1883 |
|  |  |
| **ENUMERATOR ACTION:** Were any fungicides (*7000 series chemicals*) listed in the table on page 24?  [*If* ***Yes*** *continue, if* ***No*** *go to Section H.*] |
|  |  |
|  | **PRIMARY CODE** |
|  | 1884 |
| 16. **What were the two most important factors that influenced your decision to apply fungicidesto this field in 2011?** [*Identify the 2 most important sources from the Application Decision Code list*] | **SECONDARY CODE** |
|  | 1885 |
|  |  |
|  | **Completion Code for Pest Management Data** |
|  |  1 – Incomplete/Refusal | 1700 |

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| **H** | **IRRIGATION---**SELECTED FIELD  | **H** |

|  |  |
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| **ENUMERATOR NOTE:** | *Ask ONLY if irrigation was reported in Section C. Cropping History and Conservation Practices,line 11 =* ***Yes*** *on pages 6, 7, or 8. If no irrigation was reported for any crop years in Section C, go to Section I.* |
|  |
| 1. **Now, I have some questions about the irrigation of this field for the** [*years of irrigation*] **crop(s).** |
|  |
| a. What type of irrigation system(s) were used to irrigate this field? | **2011****SYSTEM TYPE CODE** | **2010****SYSTEM TYPE CODE** | **2009****SYSTEM TYPE CODE** |
| [*Show System Type Codes in* ***Respondent Booklet****. If more than 1 system was used, enter System Type Code covering the most field acres.*] . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1505 | 1506 | 1507 |
|  |
| b. Were any major changes made to the way the field was irrigated during the  period 2009 – 2011? (**Include** irrigation system type, source of water, and major  changes to scheduling or monitoring.). . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1593 |
|  |  |
| **ENUMERATOR NOTE:** *If an irrigation system reported in 1a for any year is a gravity system (code 10-19) then continue, else go to Item 4.*] |
|  |
|  |  1 furrow 2 border 3 basin 4 contour levee 5 meadow or wild flood |  | **2011** | **2010** | **2009** |
| 2. **What gravity irrigation system source was used?**. . . .  |  | . . . . . . .  | **CODE** | 1508 | 1509 | 1510 |
|  |
|  |  | **2011** | **2010** | **2009** |
| 3. **Did you use any practices in order to reduce irrigation water use or improve water use efficiency in** **2011,** **2010, or** **2009?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1**  | 1520 | 1521 | 1522 |
| [*If* ***Yes****, continue, if* ***No****, go to Item 6.*] |
|  |  | **2011** | **2010** | **2009** |
| a. Did you apply PAM (poly-acrylamide) to your water delivery system?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1**  | 1523 | 1524 | 1525 |
|  |
|  |  | **2011** | **2010** | **2009** |
| b. Did you adjust the slope of this field to a specific grade, including zero slope?. . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1**  | 1526 | 1527 | 1528 |
| [*If* ***Yes****, continue, if* ***No****, go to Item c.*] |
|  |  | **2011** | **2010** | **2009** |
| (i) Was laser leveling used?. . . . . . . . . . . . . . . . . . . . . .  | **YES = 1**  | 1529 | 1530 | 1531 |
|  |
| (ii) Was the slope adjusted as part of a conservation plan?. . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1532 |
|  |  |  |
| c. Were other practices used to improve water use efficiency?. . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 1533 |
|  |
|  [*If* ***Yes****, please list practices.* ***See Respondent Booklet****.*] |
| 1565 |  | 1566 |  | 1567 |

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| **ENUMERATOR NOTE:** *If irrigation system reported in 1a for any year is a pressure system (code 1-9), continue,  else go to Item 6.* |
|  | **YYYY** |
| 4. **What year was your pressure system installed?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1534\_\_\_ \_\_\_ \_\_\_ \_\_\_ |
| 5. **What year was your pressure system last refurbished?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1535\_\_\_ \_\_\_ \_\_\_ \_\_\_ |
| 6. **Is the runoff from the field primarily --** |
|  | 1. retained at the end of the field with no re-use?
2. retained at the end of the field and re-used to irrigate on the farm?
3. collected in evaporation ponds on the farm?
4. drained from the farm?
5. there is no runoff.
 |  | **2011** | **2010** | **2009** |
|  |  | . . . . . . . . . . .  | **CODE** | 1536 | 1537 | 1538 |
|  |  |  |  |  |  |
| 7. **Do you manage irrigation to address salinity problems in this field?**. . . . . . . . . . . . . . . . . .  | **YES=1**  | 1539 |
|  |
|  |  |  |  |
|  | **Completion** **Code for Irrigation** | **2011** | **2010** | **2009** |
|  |  | 1504 | 1503 | 1502 |

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| **I** | **FIELD OPERATIONS---**SELECTED FIELD  | **I** |

|  |
| --- |
| 1. **Including custom operations, I need to list field work performed by machines on this field for the 2011, 2010 and** **2009 crop years.** |
| * Begin with the first field operation for the 2011 crop (after harvesting of 2010 crop.)
 |
| * List the operations in order by crop year, through harvest.
 |
| * Maintain the order of tandem hook-ups.
 |
| a. Let’s start with the 2011 crops. |
| **CHECK LIST** |
| **Include** all field work using machines for-- | **Exclude** all field work using machines for-- |
| [ ]  Land Forming | [ ]  Planting |  | [ ]  Lime & Gypsum applications |
| [ ]  Tillage | [ ]  Harvesting |  | [ ]  Fertilizers, Manure & Pesticides applications |
| [ ]  Preparing for Irrigation before seeding | [ ]  Hauling within field |  | [ ]  Hauling from field edge to storage |
| [ ]  Custom Operations | [ ]  Residue Management |  |  |
| 1 | 2 |  | 3 | 4 | 5 | 6 | 7 |
| **Crop Year** | **Sequence Number** | **What crop was associated** **with this operation?** | **Crop Code** [*Record from Respondent Booklet*.] | **What operation or equipment** **was used** **on this field?** | **Machine Code**[*Record from Respondent Booklet*.] | **What was the timing of** **the field operation?** | **What was the depth of tillage for tillage/planting operations?** |
| **YEAR** | **NUMBER** | **CROP NAME** | **CODE** |  | **CODE** | **MMDDYY** | **INCHES** |
| **2011** | 3005 |  | 3006 |  | 3007 | 3008\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3009.\_\_\_ |
| **2011** | 3015 |  | 3016 |  | 3017 | 3018\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3019.\_\_\_ |
| **2011** | 3025 |  | 3026 |  | 3027 | 3028\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3029.\_\_\_ |
| **2011** | 3035 |  | 3036 |  | 3037 | 3038\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3039.\_\_\_ |
| **2011** | 3045 |  | 3046 |  | 3047 | 3048\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3049.\_\_\_ |
| **2011** | 3055 |  | 3056 |  | 3057 | 3058\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3059.\_\_\_ |
| **2011** | 3065 |  | 3066 |  | 3067 | 3068\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3069.\_\_\_ |
| **2011** | 3075 |  | 3076 |  | 3077 | 3078\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3079.\_\_\_ |
| **2011** | 3085 |  | 3086 |  | 3087 | 3088\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3089.\_\_\_ |
| **2011** | 3095 |  | 3096 |  | 3097 | 3098\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3099.\_\_\_ |
| **2011** | 3105 |  | 3106 |  | 3107 | 3108\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3109.\_\_\_ |
| **2011** | 3115 |  | 3116 |  | 3117 | 3118\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3119.\_\_\_ |
| **2011** | 3125 |  | 3126 |  | 3127 | 3128\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3129.\_\_\_ |
| **2011** | 3135 |  | 3136 |  | 3137 | 3138\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3139.\_\_\_ |
| **2011** | 3145 |  | 3146 |  | 3147 | 3148\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3149.\_\_\_ |
| **2011** | 3155 |  | 3156 |  | 3157 | 3158\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3159.\_\_\_ |
| **2011** | 3165 |  | 3166 |  | 3167 | 3168\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3169.\_\_\_ |
| **2011** | 3175 |  | 3176 |  | 3177 | 3178\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3179.\_\_\_ |
|  |  |  |  |  |  |  |  |
|  | **2011 EDIT FIELD OPERATIONS TABLE** |
|  | 3004 |

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|  |
| b. Now let’s continue with the 2010 crop year. |
| * Begin with the first field operation for the 2010 crop (after harvesting of 2009 crop.)
 |
|  |
| **CHECK LIST** |
| **Include** all field work using machines for-- | **Exclude** all field work using machines for-- |
| [ ]  Land Forming | [ ]  Planting |  | [ ]  Lime & Gypsum applications |
| [ ]  Tillage | [ ]  Harvesting |  | [ ]  Fertilizers, Manure & Pesticides applications |
| [ ]  Preparing for Irrigation before seeding | [ ]  Hauling within field |  | [ ]  Hauling from field edge to storage |
| [ ]  Custom Operations | [ ]  Residue Management |  |  |
| 1 | 2 |  | 3 | 4 | 5 | 6 | 7 |
| **Crop** **Year** | **Sequence Number** | **What crop was associated** **with this operation?** | **Crop Code** [*Record from Respondent Booklet*.] | **What operation or equipment** **was used** **on this field?** | **Machine Code**[*Record from Respondent Booklet*.] | **What was the** **timing of** **the field** **operation?** | **What was the depth of tillage for tillage/planting operations?** |
| **YEAR** | **NUMBER** | **CROP NAME** | **CODE** |  | **CODE** | **MMDDYY** | **INCHES** |
| **2010** | 3305 |  | 3306 |  | 3307 | 3308\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3309.\_\_ |
| **2010** | 3315 |  | 3316 |  | 3317 | 3318\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3319.\_\_ |
| **2010** | 3325 |  | 3326 |  | 3327 | 3328\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3329.\_\_ |
| **2010** | 3335 |  | 3336 |  | 3337 | 3338\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3339.\_\_ |
| **2010** | 3345 |  | 3346 |  | 3347 | 3348\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3349.\_\_ |
| **2010** | 3355 |  | 3356 |  | 3357 | 3358\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3359.\_\_ |
| **2010** | 3365 |  | 3366 |  | 3367 | 3368\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3369.\_\_ |
| **2010** | 3375 |  | 3376 |  | 3377 | 3378\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3379.\_\_ |
| **2010** | 3385 |  | 3386 |  | 3387 | 3388\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3389.\_\_ |
| **2010** | 3395 |  | 3396 |  | 3397 | 3398\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3399.\_\_ |
| **2010** | 3405 |  | 3406 |  | 3407 | 3408\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3409.\_\_ |
| **2010** | 3415 |  | 3416 |  | 3417 | 3418\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3419.\_\_ |
| **2010** | 3425 |  | 3426 |  | 3427 | 3428\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3429.\_\_ |
| **2010** | 3435 |  | 3436 |  | 3437 | 3438\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3439.\_\_ |
| **2010** | 3445 |  | 3446 |  | 3447 | 3448\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3449.\_\_ |
| **2010** | 3455 |  | 3456 |  | 3457 | 3458\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3459.\_\_ |
| **2010** | 3465 |  | 3466 |  | 3467 | 3468\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3469.\_\_ |
| **2010** | 3475 |  | 3476 |  | 3477 | 3478\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3479.\_\_ |
|  |
|  | **2010 EDIT FIELD OPERATIONS TABLE** |
|  | 3003 |

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|  |
| c. Please answer the following for the 2009 crop year. |
| * Begin with the first field operation for the 2009 crop (after harvesting of 2008 crop.)
 |
|  |
| **CHECK LIST** |
| **Include** all field work using machines for-- | **Exclude** all field work using machines for-- |
| [ ]  Land Forming | [ ]  Planting |  | [ ]  Lime & Gypsum applications |
| [ ]  Tillage | [ ]  Harvesting |  | [ ]  Fertilizers, Manure & Pesticides applications |
| [ ]  Preparing for Irrigation before seeding | [ ]  Hauling within field |  | [ ]  Hauling from field edge to storage |
| [ ]  Custom Operations | [ ]  Residue Management |  |  |
|  |  |  |  |
| 1 | 2 |  | 3 | 4 | 5 | 6 | 7 |
| **Crop** **Year** | **Sequence Number** | **What crop was associated** **with this operation?** | **Crop Code** [*Record from Respondent Booklet*.] | **What operation or equipment** **was used** **on this field?** | **Machine Code**[*Record from Respondent Booklet*.] | **What was the timing of** **the field operation?** | **What was the depth of tillage for tillage/planting operations?** |
| **YEAR** | **NUMBER** | **CROP NAME** | **CODE** |  | **CODE** | **MMDDYY** | **INCHES** |
| **2009** | 3605 |  | 3606 |  | 3607 | 3608\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3609.\_\_\_ |
| **2009** | 3615 |  | 3616 |  | 3617 | 3618\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3619.\_\_\_ |
| **2009** | 3625 |  | 3626 |  | 3627 | 3628\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3629.\_\_\_ |
| **2009** | 3635 |  | 3636 |  | 3637 | 3638\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3639.\_\_\_ |
| **2009** | 3645 |  | 3646 |  | 3647 | 3648\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3649.\_\_\_ |
| **2009** | 3655 |  | 3656 |  | 3657 | 3658\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3659.\_\_\_ |
| **2009** | 3665 |  | 3666 |  | 3667 | 3668\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3669.\_\_\_ |
| **2009** | 3675 |  | 3676 |  | 3677 | 3678\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3679.\_\_\_ |
| **2009** | 3685 |  | 3686 |  | 3687 | 3688\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3689.\_\_\_ |
| **2009** | 3695 |  | 3696 |  | 3697 | 3698\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3699.\_\_\_ |
| **2009** | 3705 |  | 3706 |  | 3707 | 3708\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3709.\_\_\_ |
| **2009** | 3715 |  | 3716 |  | 3717 | 3718\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3719.\_\_\_ |
| **2009** | 3725 |  | 3726 |  | 3727 | 3728\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3729.\_\_\_ |
| **2009** | 3735 |  | 3736 |  | 3737 | 3738\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3739.\_\_\_ |
| **2009** | 3745 |  | 3746 |  | 3747 | 3748\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3749.\_\_\_ |
| **2009** | 3755 |  | 3756 |  | 3757 | 3758\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3759.\_\_\_ |
| **2009** | 3765 |  | 3766 |  | 3767 | 3768\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3769.\_\_\_ |
| **2009** | 3775 |  | 3776 |  | 3777 | 3778\_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | 3779.\_\_\_ |
|  |
|  | **2009 EDIT FIELD OPERATIONS TABLE** |
|  | 3002 |

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| **J** | **WHOLE FARM**  | **J** |

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| **TOTAL ACRES IN THIS OPERATING ARRANGEMENT**  |
|  |
| **Now I’m going to ask you a few general questions about your entire operation.**(***Include*** *the farmstead, all cropland, pastureland, wasteland, wetland, woodland and government program land. Include land in other states.*) |
|  |
| 1. **During the 2011 crop year, how many total acres did this operation --** | **ACRES** |
| a. own?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **+** | 1901 | **.\_\_\_** |
|  |  |  |  |
| b. rent **FROM** others? *(****Exclude*** *land used on an AUM basis.)*. . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **+** | 1902 | **.\_\_\_** |
|  |  |  |  |
| c. rent **TO** others? *(****Include*** *privately owned/rented land administered by a publicagency through exchange-of-use.)*. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **-** | 1903 | **.\_\_\_** |
|  |  |  |  |
| 2. **Then the TOTAL acres in this operation including the farmstead, all cropland, pastureland, wasteland, wetland, woodland and government program land is –** [total of 1a + 1b – 1c]**?** | **=** | 1904 | **.\_\_\_** |
|  |
| a. Have I accounted for the farmstead, all cropland, pastureland, wasteland, wetland, woodland and government program land in this operation? |
| [ ]  **YES –** [*Continue.*] | [ ]  **NO –** [*Make corrections then continue.*] |  |
|  |  | **ACRES** |
| 3. **Of the total** (*Item 2*) **acres operated, how many acres are considered cropland, including land in hay and cropland in government programs?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1905 | **.\_\_\_** |

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| **K** | **OPERATOR AND OPERATION CHARACTERISTICS**  | **K** |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| 1. **In 2011, was this operation’s** **LEGAL STATUS** . . . . . . . . . . . . . . . . . . . . . . . .  | 1 Individual (*Sole/family Proprietorship*)?2 A legal Partnership?3 A Family-held Corporation?4 A Non-family Corporation?5 Other, (*including estates, trusts and cooperatives)*? *Describe*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | . . . . .  | **CODE** |
| 1912 |
|  |
|  |  |  |  |
| 2. **In 2011, what was your** (*the operator’s*) **major occupation?**. . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1 Farm or ranch work2 Hired farm manager3 Something else4 Retired | . . . . .  | **CODE** |
| 1913 |
|  |  |  |  |  |
| 3. **What is the *highest* level of formal education you** (*the operator)* **have completed?**. . . . . . . . . .  | 1 Less than a high school diploma2 High school diploma or equivalency (GED)3 Some college4 Completed a 4 year degree (BA or BS)5 Graduate school | . . . . .  | **CODE** |
| 1914 |
|  |
|  |  |  |  | **YYYY** |
|  | 1915 |
| 4. **In what year did you** (*the operator*) **begin making day-to-day decisions for any farm/ranch?**. . . . .  | \_\_\_ \_\_\_ \_\_\_ \_\_\_ |
|  |
| 5. **Now I would like to classify the total acres operated in terms of total gross value of sales.** |
| Considering-- | * all crops sold,
* all livestock, poultry (*including commercial broilers*), and products (*milk, eggs, etc*.) sold,
* all sales of crops, livestock or poultry, produced under contract,
* all sales of any miscellaneous agricultural products,
* all government payments received,
* landlord’s share of government payments and crops sold in 2010
 |
| **What code represents the total gross value of sales for this operation in 2010?** |
| [ ]  99 None during 2010 | **GENERIC_IMAGE_1:rigthSquareBracket.bmp** |  |
| [ ]  1 $1 - $999 |  |
| [ ]  2 $1,000 - $2,499  |  |
| [ ]  3 $2,500 - $4,999 |  | **CODE** |
| [ ]  4 $5,000 - $9,999 |  | 1916 |
| [ ]  5 $10,000 - $24,999 | . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  |  |
| [ ]  6 $25,000 - $49,999 |  |
| [ ]  7 $50,000 - $99,999 |  |
| [ ]  8 $100,000 - $249,999 |  |
| [ ]  9 $250,000 - $499,999 |  |
| [ ]  10 $500,000 - $999,999 |  |
| [ ]  11 $1,000,000 - $2,499,999  |  |
| [ ]  12 $2,500,000 - $4,999,999 |  |
| [ ]  13 $5,000,000 and over |  |
|  | **CODE** |
| 6. **Of the farm income reported, which of these categories represents the largest portion  of the gross income from the operation?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 1917 |
| **FARM TYPE CODES** |
| 1 GRAINS, OILSEEDS and DRY BEANS |  9 HOGS and PIGS |
| 2 TOBACCO | 10 MILK and OTHER DAIRY PRODUCTS FROM COWS |
| 3 COTTON and COTTONSEED | 11 CATTLE and CALVES |
| 4 VEGETABLES, MELONS and POTATOES | 12 SHEEP, GOATS, and THEIR PRODUCTS |
| 5 FRUIT TREES, NUTS and BERRIES | 13 HORSES, PONIES and MULES |
| 6 NURSERY, GREENHOUSE, FLORICULTURE and SOD | 14 POULTRY and EGGS |
| 7 CUT CHRISTMAS TREES and SHORT WOODY CROPS | 15 AQUACULTURE |
| 8 OTHER CROPS and HAY, CRP and PASTURE | 16 OTHER ANIMALS and OTHER ANIMAL PRODUCTS |
| ***CONCLUDE INTERVIEW and THANK the RESPONDENT*** |

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|  | **CONCLUSION** |  |

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| **RECORDS USE**  |
| 1. [Did respondent use farm/ranch records to report---] | **CODE** |
| a. [**fertilizer**data?]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0026 |
| b. [**pest control**data?]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0027 |
| c. [**manure**data?]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0028 |
|  | **CODE** |
| 2. [*Did the respondent use a Conservation Plan to complete Section B?*]. . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0029 |
| **SUPPLEMENTS USED** | **NUMBER** |
| 3. [*Record the total number of each type of supplement used to* *complete this interview.*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **FERTILIZER****APPLICATIONS** | 0030 |
|  | **PEST CONTROL****APPLICATIONS** | 0031 |
|  | **FIELD****OPERATIONS** | 0032 |
|  | **MANURE****APPLICATIONS** | 0033 |

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|  |
|  | **MILITARY TIME****H H M M** |
| **ENDING TIME** [*MILITARY*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0005 \_\_ \_\_ \_\_ \_\_ |
|  |
|  | **TOTAL HOURS** |
|  | 0006 .\_\_\_\_ |
|  |

|  |  |  |
| --- | --- | --- |
|  |  | 9910 MM DD YYDate: \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |
|  |  |  |  |  |  |  |
| **Response** | **Respondent** | **Mode** | **Enum.** | **Eval.** | **Change** | **Optional Use** |
| 1-Comp2-R3-Inac | 9901 | 1-Op/Mgr2-Sp3-Acct/Bkpr4-Partner | 9902 | 3-Face-to-Face | 9903 | 098 | 100 | 785 | 0002 | 0003 | 9906 | 9916 |
|  |  |  |  |
| S/E Name |  |  |  |  |
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