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| Project 906 – ARMS Phase II Winter Wheat - Version 71 – QID 072032 | OMB No. 0535-0218 Approval Expires 12/31/2011 |
| SURVEY_LOGO_1:USDA_logo_bw.gif | **AGRICULTURAL RESOURCE MANAGEMENT SURVEY** | SURVEY_LOGO_2:ERS Logo.bmp |  **NATIONAL** **AGRICULTURAL** **STATISTICS** **SERVICE** |
|  | **WINTER WHEAT****PRODUCTION PRACTICES REPORT** |  |  |
|  | **for** **2011** | 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 |

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| **VERSION****71** | **ID****\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_** | **TRACT****01** | **SUBTRACT****\_\_\_ \_\_\_** | **T-TYPE****0** | **TABLE****000** | **LINE****00** | **SURVEY_LOGO_4:ERS Logo.bmp** |

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| **CONTACT RECORD** |
| DATE | TIME | NOTES |
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| **INTRODUCTION:** [*Introduce yourself, and ask for the operator. Rephrase in your own words*.]We are collecting information on practices and costs to produce winter wheat and need your help to make the information as accurateas possible. Authority for collection of information on the Winter Wheat Production Practices Report is Title 7, Section 2204 of the U.S. Code. This information will be used for economic analysis and to compile and publish estimates for your region and the United States. Under Title 7 of the U.S. Code and CIPSEA (Public Law 107-347), facts about your operation are kept **confidential** and used only for statistical purposes. Response is **voluntary**.We encourage you to refer to your farm records during the interview. |
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|  | **H H M M** |
|  | **BEGINNING TIME**[*MILITARY*] | 0004 |
| **\_\_ \_\_ \_\_ \_\_** |
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|  | **SCREENING BOX** |
|  | 0006 |

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| [ ]  [*Name, address and partners verified and updated if necessary*] |
| **POID** \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | **POID** \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |
| PARTNER NAME | PARTNER NAME |
| ADDRESS | ADDRESS |
| CITY | STATE | ZIP | PHONE NUMBER | CITY | STATE | ZIP | PHONE NUMBER |
| **POID** \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ | **POID** \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ \_\_ |
| PARTNER NAME | PARTNER NAME |
| ADDRESS | ADDRESS |
| CITY | STATE | ZIP | PHONE NUMBER | CITY | STATE | ZIP | PHONE NUMBER |

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| **A** | **WINTER WHEAT FIELD SELECTION** | **A** |

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| 1. **How many acres of wheat** (*winter, durum and other spring*) **did this operation plant** **for the** **2011 crop year?** [*For winter wheat*, *record acres planted in fall/winter* *2010 for 2011 crop yea*r.] . . . . . . .  | **TOTAL PLANTED ACRES** |
| 0050**.\_\_\_\_** |
| [*If no acres planted, review Screening Survey Information Form, make notes,**then go to item 4 on back page*.] |

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| **Of the total** (*item* *1*)**, how many acres were planted for---** |  |
| a. winter wheat?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0061**.\_\_\_\_** |
| b. durum wheat?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . | 0062**.\_\_\_\_** |
| c. other spring wheat?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0063**.\_\_\_\_** |

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| 2. **I will follow a simple procedure to make a random selection from the winter wheat fields planted for the** **2011 crop.** |  |
|  **What is the TOTAL number of** **winter wheat fields that were planted on this operation?**[*If only one field, enter “1” and go to item 5.*] . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **TOTAL NUMBER OF FIELDS PLANTED** |
|  | 0020 |

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| 3. **Please list these fields according to identifying name/number or describe each field.** **Then I will tell you which field has been selected**.[*If there are more than 18 fields, make sure item 2 is* ***TOTAL*** *fields planted* a*nd list only the 18 fields closest to the* *operator’s permanent residence. If respondent is unable to identify or describe the fields, use the Field Selection* *Grid Supplement.*] |

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

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| **APPLY “RANDOM NUMBER” LABEL HERE** |  |
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| 4. [**ENUMERATOR ACTION:** *Circle the pair of numbers on the above label associated with* *the last numbered field in item* 3*. Select the field according to the number you circled on* *the label, and record the selected number. If only one field, enter 1.*]. . . . . . . . . . . . . . . . . . . . . . . . . .  | **SELECTED FIELD****NUMBER** |
|  | 0021 |
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| 5.**The field selected is \_\_\_\_\_\_\_\_\_\_\_\_\_\_** (*field name/number/description*)**.** **During this interview, the winter wheat questions will be about this selected winter wheat field.**[*Be sure the operator can identify the selected field.*] |

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| 6. **How many acres of winter wheat did this operation plant in this field for the 2011 crop?**. . . . . . .  | **ACRES** |
| 1301 |
|  |  |
|  | **OFFICE USE****OY Field Substituted** |
|  | 0022 |

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| **C** | **NUTRIENT or FERTILIZER APPLICATIONS---**SELECTED FIELD | **C** |

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|  | **CODE** | **EDIT TABLE** |
| 1. **Were commercial nutrients or fertilizers applied to this field for the 2011 winter wheat crop?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0202 | 0201 |
| 2. [*If COMMERCIAL nutrient or fertilizer applied, continue; else go to* ***Section D****.*] | **NUMBER** |
| 3. **How many commercial nutrient or fertilizer applications were made to this field for the** **2011 crop?**  (***Include*** *applications made by airplanes and custom applicators*.). . . . . . . . . . . . . . . . . . . . . . .  | 0203 |

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| 4. **Now I need to record information for each application.** |
| **CHECKLIST** |  |
| **🗸** |  **INCLUDE** | **🗸** |  **EXCLUDE** |  |
| [ ]  Custom applied nutrients or fertilizers | [ ]  Micronutrients |  |  |  |
| [ ]  Nutrients or fertilizers applied in the fall of 2010 and those applied earlier if this field was fallow in 2010 | [ ]  Unprocessed manure[ ]  Nutrients or fertilizers applied to previous crops in this field |  |  |  |
| **T-TYPE****2** | **TABLE****001** |
| [ ]  Commercially prepared manure or compost | [ ]  Lime and gypsum/landplaster | **LINE****99** | **OFFICE USE****LINES IN TABLE** | 0213 |

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|  |  |  | **APPLICATION CODES for COLUMN 6** |  |
|  |  |  |  | 1 Broadcast, ground without incorporation2 Broadcast, ground with incorporation3 Broadcast, by aircraft4 In seed furrow | 5 In irrigation water6 Chisel/Injected or knifed in7 Banded in or over row8 Foliar or directed spray |  |
|  |
| **L****I****N****E** | **2****MATERIALS USED**[*Enter percentage analysis or actual**pounds of plant nutrients applied per acre*.][*Show Common Nutrients or Fertilizers**in Respondent Booklet*.] | **3****What quantity****was applied****per acre?**[*Leave this**column blank**if actual nutrients**were reported.*] | **4**[Entermaterialcode.] 1 Pounds12 Gallons19 Pounds  of actual nutrients | **5****When was****this applied?**1 In the fall before seeding2 In the spring before seeding3 At seeding4 After seeding | **6****How was** **this** **applied?**[*Refer to* *code list above.*] | **7****How many****acres were****treated****in this****application?****ACRES** |
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| **N**Nitrogen | **P2O5**Phosphate | **K2O**Potash | **S**Sulfur |
| **01** | 0205 | 0206 | 0207 | 0214 | 0208 | 0209 | 0210 | 0211 | 0212 | **.\_\_\_** |
| **02** | 0205 | 0206 | 0207 | 0214 | 0208 | 0209 | 0210 | 0211 | 0212 | **.\_\_\_** |
| **03** | 0205 | 0206 | 0207 | 0214 | 0208 | 0209 | 0210 | 0211 | 0212 | **.\_\_\_** |
| **04** | 0205 | 0206 | 0207 | 0214 | 0208 | 0209 | 0210 | 0211 | 0212 | **.\_\_\_** |
| **05** | 0205 | 0206 | 0207 | 0214 | 0208 | 0209 | 0210 | 0211 | 0212 | **.\_\_\_** |
| **06** | 0205 | 0206 | 0207 | 0214 | 0208 | 0209 | 0210 | 0211 | 0212 | **.\_\_\_** |
| **07** | 0205 | 0206 | 0207 | 0214 | 0208 | 0209 | 0210 | 0211 | 0212 | **.\_\_\_** |
| **08** | 0205 | 0206 | 0207 | 0214 | 0208 | 0209 | 0210 | 0211 | 0212 | **.\_\_\_** |

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|  | **T-TYPE****0** | **TABLE****000** | **LINE****00** |

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

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|  **Now I have some questions about all the biocontrols or pesticides used on this field for the 2011 winter wheat crop, including both custom applications and applications made by this operation.** |
|  |  | **CODE** | **EDIT TABLE** |
| 1. **Were any herbicides, insecticides, fungicides or other chemicals** **used on this winter wheat field for the** **2011 crop?**. . . . . . . . . . . . . . . . . .  | **YES = 1** | 0302 | 0301 |
|  [*Probe for applications made in the fall of* *2010* (and those made earlier if this field was fallow)*.*] ***If no biocontrols or pesticides applied, go to******Section E****.* |  |  |  |
| **Include** defoliants, fungicides, herbicides, insecticides, and other pesticides. | **Exclude** nutrients or fertilizers reported earlier and seed treatments. |  | **T - TYPE****3** | **TABLE****001** |
| **Include** biological and botanical pesticides. |  | **LINE****99** | **OFFICE USE****LINE IN TABLE** | 0319 |
|  |
| **CHEMICAL****PRODUCT****NAME** |  | **2** | **3** | **4** | **5** | **6 OR 7** | **8** |
| **L****I****N****E** | **What products****were applied****to this field?**[*Show product**codes from**Respondent**Booklet.*] | **Was this****product****bought in****liquid or dry form?**[*Enter L or D*] | **Was this****part of a****tank mix?**[*If tank mix,**enter line**number of**first product**in mix*.] | **When****was this applied?** 1 BEFORE planting 3 ATplanting 4 AFTER planting | **How much****was applied****per acre****per****application?** | **What was****the total****amount****applied per****application****in this field?** | [*Enter unit code.*] 1 Pounds 12 Gallons 13 Quarts 14 Pints 15 Liquid Ounces 28 Dry Ounces 30 Grams |
|  | **01** | 0305 |  | 0306 | 0307 | 0308 | **.\_\_\_ \_\_\_** | 0309 | **.\_\_\_ \_\_\_** | 0310 |
|  | **02** | 0305 |  | 0306 | 0307 | 0308 | **.\_\_\_ \_\_\_** | 0309 | **.\_\_\_ \_\_\_** | 0310 |
|  | **03** | 0305 |  | 0306 | 0307 | 0308 | **.\_\_\_ \_\_\_** | 0309 | **.\_\_\_ \_\_\_** | 0310 |
|  | **04** | 0305 |  | 0306 | 0307 | 0308 | **.\_\_\_ \_\_\_** | 0309 | **.\_\_\_ \_\_\_** | 0310 |
|  | **05** | 0305 |  | 0306 | 0307 | 0308 | **.\_\_\_ \_\_\_** | 0309 | **.\_\_\_ \_\_\_** | 0310 |
|  | **06** | 0305 |  | 0306 | 0307 | 0308 | **.\_\_\_ \_\_\_** | 0309 | **.\_\_\_ \_\_\_** | 0310 |
|  | **07** | 0305 |  | 0306 | 0307 | 0308 | **.\_\_\_ \_\_\_** | 0309 | **.\_\_\_ \_\_\_** | 0310 |
|  | **08** | 0305 |  | 0306 | 0307 | 0308 | **.\_\_\_ \_\_\_** | 0309 | **.\_\_\_ \_\_\_** | 0310 |
|  | **09** | 0305 |  | 0306 | 0307 | 0308 | **.\_\_\_ \_\_\_** | 0309 | **.\_\_\_ \_\_\_** | 0310 |
|  | **10** | 0305 |  | 0306 | 0307 | 0308 | **.\_\_\_ \_\_\_** | 0309 | **.\_\_\_ \_\_\_** | 0310 |
|  | **11** | 0305 |  | 0306 | 0307 | 0308 | **.\_\_\_ \_\_\_** | 0309 | **.\_\_\_ \_\_\_** | 0310 |
|  | **12** | 0305 |  | 0306 | 0307 | 0308 | **.\_\_\_ \_\_\_** | 0309 | **.\_\_\_ \_\_\_** | 0310 |
|  | **13** | 0305 |  | 0306 | 0307 | 0308 | **.\_\_\_ \_\_\_** | 0309 | **.\_\_\_ \_\_\_** | 0310 |
|  | **14** | 0305 |  | 0306 | 0307 | 0308 | **.\_\_\_ \_\_\_** | 0309 | **.\_\_\_ \_\_\_** | 0310 |
| 2. [*For biocontrols or pesticides not listed in Respondent Booklet, specify*---] |

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| **LINE** |  | **Pesticide Type**(*Herbicide, Insecticide**Fungicide, etc.*) |  | **EPA No. or Trade name****and Formulation** |  | **Form Purchased**(*Liquid or Dry*) |  | **Where Purchased**[*Ask ONLY if EPA No.**cannot be reported.*] |
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|  | **APPLICATION CODES for column 9** |  |  |  |
|  |  1 Broadcast, ground without incorporation 2 Broadcast, ground with incorporation 3 Broadcast, by aircraft 4 In seed furrow 5 In irrigation water |  6 Chisel/Injected or knifed in 7 Banded in or over row 8 Foliar or directed spray 9 Spot treatments |  |  |
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|  | **9** | **10** | **11** | **12** |  |  |
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|  | **How****was this****product****applied?**[*Enter code**from above*.] | **How many****acres in this****field were****treated with****this product?** | **How many****times was it****applied?** | **Were these****applications****made by---** 1 Operator, partner or family member? 2 Custom applicator? 3 Employee/Other? |  |
| **L****I****N****E** |  |  |  |
|  |  |  |
| **ACRES** | **NUMBER** |  |  |
| **01** | 0311 | 0312 | **.\_\_\_** | 0313 | 0316 |  |  |  |  |
| **02** | 0311 | 0312 | **.\_\_\_** | 0313 | 0316 |  |  |  |  |
| **03** | 0311 | 0312 | **.\_\_\_** | 0313 | 0316 |  |  |  |  |
| **04** | 0311 | 0312 | **.\_\_\_** | 0313 | 0316 |  |  |  |  |
| **05** | 0311 | 0312 | **.\_\_\_** | 0313 | 0316 |  |  |  |  |
| **06** | 0311 | 0312 | **.\_\_\_** | 0313 | 0316 |  |  |  |  |
| **07** | 0311 | 0312 | **.\_\_\_** | 0313 | 0316 |  |  |  |  |
| **08** | 0311 | 0312 | **.\_\_\_** | 0313 | 0316 |  |  |  |  |
| **09** | 0311 | 0312 | **.\_\_\_** | 0313 | 0316 |  |  |  |  |
| **10** | 0311 | 0312 | **.\_\_\_** | 0313 | 0316 |  |  |  |  |
| **11** | 0311 | 0312 | **.\_\_\_** | 0313 | 0316 |  |  |  |  |
| **12** | 0311 | 0312 | **.\_\_\_** | 0313 | 0316 |  |  |  |  |
| **13** | 0311 | 0312 | **.\_\_\_** | 0313 | 0316 |  |  |  |  |
| **14** | 0311 | 0312 | **.\_\_\_** | 0313 | 0316 |  |  |  |  |

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

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| **Now I have some questions about your pest management decisions and practices****used on this field for the** **2011 winter wheat crop. By pests, we mean WEEDS, INSECTS, and DISEASES.** |  |  |  |
|  | **T-TYPE****0** | **TABLE****000** | **LINE****00** |
|  |
| 1. [**ENUMERATOR ACTION:** *Were PESTICIDE applications reported in Section D?*] |
|  [ ]  **YES** – [*Continue*] |  [ ]  **NO** – [*Go to item 8* ] |
|  | **CODE** |
| 2. **Was weather data used to assist in determining either the need or when** **to make pesticide applications?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . **YES = 1** | 0800 |
| 3. **Were any biological pesticides such as Bt** (*Bacillus thuringiensis*)**, insect growth** **regulators, neem or other natural/biological based products sprayed or applied** **to manage pests in this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . **YES = 1** |  |
|  | 0801 |
| 4. **Were pesticides with different mechanisms of action rotated or tank mixed** **for the primary purpose of keeping pests from becoming resistant to pesticides?**. . . . . . **YES = 1** |  |
|  | 0802 |
|  |  |
| 8. **In 2011, how was this field** **primarily scouted for insects,** **weeds, diseases, and/or beneficial** **organisms?**. . . . . . . . . . . . . . . . . . . . . . . . . .  | 1 By deliberately going to the field specifically for scouting activities [*Enter code 1 and go to item 9.*]2 By conducting general observations while performing routine tasks [*Enter code 2 and go to item 11*.]3 This field was not scouted. [*Enter code 3 and go to item 16.*] |  | **CODE** |
|  |  | . . . . .  | 0808 |
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| 9. **Was an established scouting process** (*systematic sampling, recording counts, etc*.) **used** **or were insect traps used in this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0809 |
| 10. **Was scouting for pests done in this field due to---** |  |  |
| a. a pest advisory warning?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0810 |
| b. a pest development model?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0811 |

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| 1 | 3 |
| 11. **Was this winter wheat field scouted for---** | **YES = 1** | [*If column 1 is* ***YES****, ask---]***Who did the majority****of the scouting****for** [*column 1*] **?** 1 Operator, partner or family member 2 An employee 3 Farm supply or chemical dealer 4 Independent crop consultant or commercial scout**CODE** |
| a. weeds?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0812 | 0814 |
| b. insects or mites?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0815 | 0817 |
| c. diseases?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0818 | 0820 |
|  |
| 13. **Were written or electronic records kept for this field to track the activity** **or numbers of weeds, insects or diseases?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . **YES = 1** | **CODE** |
|  | 0823 |
| 14. **Were scouting data compared to published information on infestation thresholds** **to determine when to take measures to manage pests in this field?**. . . . . . . . . . . . . . . . . . . **YES = 1** |  |
|  | 0824 |
| 15. **Did you use field mapping of previous weed problems to assist you in making** **weed management decisions?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . **YES = 1** |  |
|  | 0825 |

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| 16. **Did you do any of the following other types of pest management for the specific purpose of** **managing or reducing the spread of pests in this field?** [*Enter code “1****”*** *for all that apply*.] | **CODE** |
| a. Use the services of a diagnostic laboratory for pest identificationor soil plant tissue pest analysis for this field?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0841 |
| b. Plow down crop residue (*using conventional tillage*)?. . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0842 |
| c. Remove / burn down crop residue?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0843 |
| d. Rotate crops in this field during the past three years?. . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0844 |
| e. Maintain ground covers, mulches, or other physical barriers?. . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0845 |
| f. Choose crop variety because of specific resistance to a certain pest?. . . . . . . . . . . . . . . .  | **YES = 1** | 0846 |
| g. Use no-till or minimum till?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0847 |
| h. Plan planting locations to avoid cross infestation of pests?. . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0848 |
| i. Adjust planting or harvesting dates?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0849 |
|  |  |  |
| j. Chop, spray, mow, plow, or burn field edges, lanes, ditches,roadways, or fence lines?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0850 |
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| k. Clean equipment and field implements after completing field workto reduce the spread of pests?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0851 |
| l. Adjust row spacing, plant density or row directions?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0852 |
|  |  |  |
| m. Have the seed treated for insect or disease control after you purchased the seed for this field?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0854 |
| n. Maintain a beneficial insect or vertebrate habitat?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0855 |
|  |  |  |
| o. Maintain buffer strips or border rows to isolate winter wheat from non-organic crops or land, or did you take a buffer harvest?. . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0856 |
| p. Use a flamer to kill weeds?. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0857 |

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| --- | --- | --- |
|  |  | **CODE** |
| 17. **Were any beneficial organisms** (*insects, nematodes, fungi*) **applied** **or released in this field to manage pests?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0853 |
|  |
| 18. **Were floral lures, attractants, repellants, pheromone traps or other** **biological pest controls used on this field?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0858 |
|  |  |  |
| 19. **Was a trap crop** (*excluding fallow*) **grown to help manage insects in this field?**. . . . . . . . .  | **YES = 1** | 0863 |
|  |  |  |
| 20. **Was this field left fallow in 2010 to help manage insects on this field?**. . . . . . . . . . . . . . .  | **YES = 1** | 0864 |

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| 21. **Were water management practices such as irrigation scheduling, controlled** **drainage, or treatment of retention water used on this field to manage pests** **or toxin-producing fungi and bacteria?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** |  |
| 0861 |

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|  |
|  | **Completion Code for Pest Management Data** |
|  | 1 Incomplete/Refusal | 0340 |

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| **CONCLUSION**  |

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| 4. **To receive the complete results of this survey on the release date, go to** **www.nass.usda.gov/results/. Would you rather have a brief summary** **mailed to you at a later date?**. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  |  | **CODE** |
| **YES** = **1** | 0099 |
|  |  | **HH MM** |
| 5. **ENDING TIME** [*MILITARY*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | 0005\_\_ \_\_ \_\_ \_\_ |
|  |  |  |

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| **RECORDS USE** |
| 6. [*Did respondent use farm/ranch records to report---*] | **CODE** |
| a. [***fertilizer*** *data*?]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0011 |
| b. [***pesticide*** *data?*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **YES = 1** | 0012 |
|  | **NUMBER** |
| **SUPPLEMENTS USED** | **FERTILIZER****APPLICATIONS** | 0041 |
| 7. [*Record the total number of each type of supplement* *used to complete this interview.*]. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .  | **PESTICIDE****APPLICATIONS** | 0042 |
|  |
| Reported by:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Telephone: (\_\_\_\_\_\_)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| **Office Use** |
| **Response** | **Respondent** | **Mode** | **Enum** | **Eval.** | **R. Unit** | **Date** | **Optional** |
|  1-Comp 2-R 3-Inac | 9901 |  1- Op/Mgr 2-Sp 3-Acct/Bkpr 4-Partner 9-Other | 9902 | 2-Tel3-Face-to-Face | 0100 | 0098 | 0100 | 0921 | 9910**\_\_\_ \_\_\_ \_\_\_ \_\_\_ 11**M M D D | 0002 | 0003 |
| S/E Name |