



**Conservation Effects  
Assessment Project (CEAP)  
2006**



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

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<b>VERSION</b> 1	<b>CEAP ID</b> _____	<b>TRACT</b> 01	<b>SUBTRACT</b> 01	<b>T-TYPE</b> 0	<b>TABLE</b> 000	<b>LINE</b> 00
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CONTACT RECORD		
DATE	TIME	NOTES

**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 that will be used by the Natural Resources Conservation Service (NRCS, formerly SCS) and the Farm Service Agency (FSA, formerly ASCS) to assess the environmental benefits associated with implementation and installation of conservation practices. The assessment will be used to report progress annually on the Farm Bill implementation to Congress and the general public. We need your help to make the information as accurate as possible. Authority for collection of information on the Conservation Effects Assessment Project Report is Title 7, Section 2204 of the U.S. Code. Response to this survey is confidential and voluntary.

We encourage you to refer to your farm records during the interview.

0001	<b>1</b>
	<b>H H M M</b>
<b>BEGINNING TIME</b> [MILITARY]	0004 _____

<b>OFFICE USE</b>	<b>Matched ARMS</b>	<b>ARMS II ID</b>
	0008	0012 _____
	<b>OFFICE USE: LSF CHANGE</b>	
	0009 _____	

[Name and address verified and updated if necessary.]

[Show the aerial photography to respondent and locate the sample point. Identify the field associated with the point.]

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

YES     NO

[If YES, continue. If NO, conclude the interview and ask for the respondent's assistance in locating the correct operator.]

**SCREENING**

2. Did you make the day-to-day farming/ranching decisions for this field in [year]? ..... YES=1

2005	2004
0010	0011

3. Are the day-to-day decisions for this (name on label) operation made by one individual, partners, or a hired manager?

- Individual -[Enter 1]
- Partners -[Enter **number of partners (2-5)**, involved in the day-to-day decisions, including the operator.]
- A hired manager -[Enter 8]

**CODE**

0921
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[If code is 1 or 8, go to Item 5, otherwise continue.]

4. Please identify the other person(s) in this partnership:

OFFICE USE	OFFICE USE
POID _____	POID _____
PARTNER NAME	PARTNER NAME
ADDRESS	ADDRESS
CITY                      STATE                      ZIP                      PHONE NUMBER	CITY                      STATE                      ZIP                      PHONE NUMBER
OFFICE USE	OFFICE USE
POID _____	POID _____
PARTNER NAME	PARTNER NAME
ADDRESS	ADDRESS
CITY                      STATE                      ZIP                      PHONE NUMBER	CITY                      STATE                      ZIP                      PHONE NUMBER

5. During 2006, was the entire field enrolled in the Conservation Reserve Program (CRP General Sign-up Only)?

- YES – [Enter 1 and continue with Item 5a.]
- NO – [Enter 3 and go to Section A.] .....

**CODE**

0014
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a. What is the CRP sign up number for this field?  
 [Show respondent general CRP sign up numbers from Respondent Booklet]. .....

**NUMBER**

0015
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b. What is the CRP contract number?  
 [Enter contract number and go to Conclusion]. .....

**NUMBER**

0016
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**A**

**FIELD CHARACTERISTICS---SELECTED FIELD**

**A**

To focus the respondent on the area of interest, the location must be identified as follows.

For purposes of this survey, the actual field where the NRI 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**. [With the respondent, draw off the entire area that can be identified as the selected 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. [With the respondent, draw off any conservation practices that are adjacent to or adjoin the selected field. Include the selected field.] For CEAP purposes, this area is referred to as the **conservation area of interest**.

**During this interview, the questions will be about this SELECTED FIELD and/or the surrounding areas in conservation practices. We will call this the CONSERVATION AREA OF INTEREST.**

1. In 2006, how many acres in the conservation area containing the sample point were --

		ACRES
a.	planted or cropped (including hay acres harvested) (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 (selected field)?	+ 0019
d.	fruit, citrus, nursery, or floriculture crops?	+ 0020
e.	permanent pasture?	+ 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 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 2006, was any portion of the 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
<input type="checkbox"/>	YES [Enter 1.]	0732
<input type="checkbox"/>	NO [Enter 3.]	

4. Were the acres in this field (reported in 1a or 1c) --

- 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?

2006	2005	2004
0504	0503	0502

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

**B**

**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 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 1a.]

**DON'T KNOW** – [Enter 2 and go to Item 2.]

**NO** – [Enter 3 and go to Item 2.]

**CODE**

0701

[Encourage the respondent to get his Conservation Plan to answer the following questions.]

**a. Does the written plan include any of the following?**

**CODE**

(1) Practices to reduce soil erosion?..... **YES=1**

0702

(2) Nutrient management plan practices?..... **YES=1**

0703

(3) Pest management plan practices?..... **YES=1**

0704

(4) Irrigation water management plan practices?..... **YES=1**

0705

(5) Wildlife habitat enhancement practices?..... **YES=1**

0706

(6) Manure management and handling practices?..... **YES=1**

0771

**2. Did you receive cost share or incentive payments in 2006, 2005, or 2004 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.]

**YES** – [Enter 1 and continue.]

**NO** – [Enter 3 and go to Item 3.]

**CODE**

0707

**a. If YES, for what program?**

**YES=1**  
 (Mark all that apply)

Conservation Security Program (CSP).....

0772

CRP.....

0708

WRP.....

0709

EQIP.....

0710

State Programs.....

0711

Other (specify) \_\_\_\_\_

0712

Don't Know.....

0713

3. Did you receive any assistance for the development of:

- a Conservation Plan for this field/conservation area? *[Ask only if there is a written conservation plan for the field, Item 1 = 1, YES.]*

YES – *[Check box and go to 3a below.]*

NO – *[Check box and continue.]*

- conservation practices currently in place on this field/conservation area?

YES – *[Check box and continue.]*

NO – *[Check box and 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	YES=1 <i>[Mark all that apply.]</i>	Were you charged for the service?  YES=1	Which of these was your PRIMARY source of assistance? <i>[Select ONLY 1.]</i> 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 ( <i>specify:</i> _____)	0719	0725	0731

Completion Code for Conservation Plan	
1 – Incomplete/Refusal	0700

**CODE REFERENCE FOR SECTION C, TILLAGE TABLE**

**Section C, Item 1, Line 2**

Intended Use	
1	Dual (grain/grazing)
2	Grain
3	Grazing Only
4	Cover Crop
5	Other (specify) _____
6	Hay
7	Human Consumption
8	Silage/Haylage
9	Seed Only
10	Nurse Crop

**Section C, Item 1, Line 5a**

Unit Codes for Seeding Rate	
1	Pounds
2	Cwt (hundredweight)
3	Tons
4	Bushels
5	Other (specify) _____
23	50-lb bag
25	Kernels/Seeds
38	Seeds per foot
41	Plants/transplants

**Section C, Item 1, Line 7a & 10a**

Unit Codes for Yield	
1	Pounds
2	Cwt (hundredweight)
3	Tons
4	Bushels
5	Other (specify) _____
6	Barrels
23	50-lb bag

**Section C, Item 1, Line 14**

Livestock	
1	Cattle
2	Sheep
3	Goats
4	Horses
5	Other (specify) _____

**Section C, Item 1, Line 19. . . . .**

SCHEDULING CODES	
1	Condition of crop (observation)
2	Soil moisture by feel
3	Use of soil moisture sensing devices (such as moisture blocks or tensiometers)
4	Use of plant moisture sensing devices (such as pressure (chamber) bomb or infrared (IR) thermometer)
5	Use of irrigation scheduling service (including commercial and government)
6	Reports on daily crop-weather evapo-transpiration (ET) use (Internet, newspapers, radio, TV, fax, or email)
7	Water delivered by irrigation organization in turn (no choice by water user)
8	Personal calendar schedule
9	Computer simulation models (not from a commercial service)
10	When neighbors begin to irrigate
11	Other (specify) _____

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 double cropping, multiple cropping, 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.]

Let's begin with the 2006 crop year. What was the:		2006	2006	2006
Crop(s) planted or Land Use _____?	<b>Crop</b>			
1. Crop(s) code or Land Use Code. <b>See Respondent Booklet for codes.</b>	<b>Code</b>	1005	1037	1069
2. Intended use of Crop(s)? <b>[See page 6]</b>	<b>Code</b>	1006	1038	1070
3. Acres planted? <b>[Include previous planted crops.]</b>	<b>Acres</b>	1007	1039	1071
4. Date planted? (mmddyy)	<b>Date</b>	1008	1040	1072
5. Seeding Rate/Acre?	<b>Number</b>	1009	1041	1073
a. Unit: <b>[See page 6]</b>	<b>Code</b>	1010	1042	1074
6. Row Width (for row crops)?	<b>Inches</b>	1011	1043	1075
7. <b>Expected</b> yield/acre at planting (yield goal)?	<b>Number</b>	1012	1044	1076
a. Unit: <b>[See page 6]</b>	<b>Code</b>	1013	1045	1077
8. Type of tillage used? 1 = no till, strip till (direct seed) 2 = ridge till <b>(Select from list.)</b> 3 = mulch till 4 = conventional till	<b>Code</b>	1014	1046	1078
9. Acres harvested?	<b>Acres</b>	1015	1047	1079
a. Date harvested? (mmddyy)	<b>Date</b>	1016	1048	1080
10. <b>Actual</b> yield at harvest/acre?	<b>Number</b>	1017	1049	1081
a. Unit: <b>[See page 6]</b>	<b>Code</b>	1018	1050	1082
11. Acres abandoned?	<b>Acres</b>	1019	1051	1083
12. Was straw or stubble harvested? If <b>YES</b> enter 1 and continue. If <b>NO</b> , enter 3 and go to 13.	<b>YES=1</b>	1020	1052	1084
a. How many acres were harvested for straw or stubble?	<b>Acres</b>	1021	1053	1085
b. What was the remaining stubble height after harvest?	<b>Inches</b>	1022	1054	1086
13. Was the field grazed? If <b>YES</b> enter 1 and continue. If <b>NO</b> , enter 3 and go to 17.	<b>YES=1</b>	1023	1055	1087
14. What type of livestock grazed the field (primarily)? <b>[See page 6]</b>	<b>Code</b>	1024	1056	1088
15. Regardless of ownership, how many head of _____ grazed this field <b>BEFORE</b> harvest?	<b>#/Head</b>	1025	1057	1089
a. How many <b>total</b> days was the field grazed <b>BEFORE</b> harvest?	<b>#/Days</b>	1026	1058	1090
16. Regardless of ownership, how many head of _____ grazed this field <b>AFTER</b> harvest?	<b>#/Head</b>	1027	1059	1091
a. How many <b>total</b> days was the field grazed <b>AFTER</b> harvest?	<b>#/Days</b>	1028	1060	1092
17. Was this crop irrigated? If <b>YES</b> enter 1 and continue. If <b>NO</b> , enter 3 and go to page 8, 2005 crops.	<b>YES=1</b>	1029	1061	1093
18. What was the total amount of water applied?* If unknown, ask 18a and 18b.	<b>Number</b>	1030	1062	1094
Unit: <b>1=Inches per acre 2=Total acre feet</b> (for the field)	<b>Code</b>	1031	1063	1095
a. What was the <b>total</b> number of <b>hours</b> the irrigation system was used to apply water during the growing season?	<b>Total Hours</b>	1032	1064	1096
b. How many gallons per minute were applied, on average?	<b>Number</b>	1033	1065	1097
19. What method was used to schedule timing and quantity of irrigation? <b>[See page 6]</b>	<b>Code</b>	1034	1066	1098
20. Did a preplant irrigation occur?	<b>YES=1</b>	1035	1067	1099
21. What was the total number of times this entire field was irrigated during the growing season?	<b>Number</b>	1036	1068	1100

2006 EDIT CROPPING TABLE	1004
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\* Include preplant irrigation. Exclude irrigation for climate control (frost or cooling) and salinity management.

Let's continue with the 2005 crop year. What was the:		2005	2005	2005
Crop(s) planted or Land Use _____?	<b>Crop</b>			
1. Crop(s) code or Land Use Code. <b>See Respondent Booklet for codes.</b>	<b>Code</b>	1101	1133	1165
2. Intended use of Crop(s)? <b>[See page 6]</b>	<b>Code</b>	1102	1134	1166
3. Acres planted? <b>[Include previous planted crops.]</b>	<b>Acres</b>	1103	1135	1167
4. Date planted? (mmdyy)	<b>Date</b>	1104	1136	1168
5. Seeding Rate/Acre?	<b>Number</b>	1105	1137	1169
a. Unit: <b>[See page 6]</b>	<b>Code</b>	1106	1138	1170
6. Row Width (for row crops)?	<b>Inches</b>	1107	1139	1171
7. <b>Expected</b> yield/acre at planting (yield goal)?	<b>Number</b>	1108	1140	1172
a. Unit: <b>[See page 6]</b>	<b>Code</b>	1109	1141	1173
8. Type of tillage used? 1 = no till, strip till (direct seed) 2 = ridge till (Select from list.) 3 = mulch till 4 = conventional till	<b>Code</b>	1110	1142	1174
9. Acres harvested?	<b>Acres</b>	1111	1143	1175
a. Date harvested? (mmdyy)	<b>Date</b>	1112	1144	1176
10. <b>Actual</b> yield at harvest/acre?	<b>Number</b>	1113	1145	1177
a. Unit: <b>[See page 6]</b>	<b>Code</b>	1114	1146	1178
11. Acres abandoned?	<b>Acres</b>	1115	1147	1179
12. Was straw or stubble harvested? If <b>YES</b> enter 1 and continue. If <b>NO</b> , enter 3 and go to 13.	<b>YES=1</b>	1116	1148	1180
a. How many acres were harvested for straw or stubble?	<b>Acres</b>	1117	1149	1181
b. What was the remaining stubble height after harvest?	<b>Inches</b>	1118	1150	1182
13. Was the field grazed? If <b>YES</b> enter 1 and continue. If <b>NO</b> , enter 3 and go to 17.	<b>YES=1</b>	1119	1151	1183
14. What type of livestock grazed the field (primarily)? <b>[See page 6]</b>	<b>Code</b>	1120	1152	1184
15. Regardless of ownership, how many head of _____ grazed this field <b>BEFORE</b> harvest?	<b>#/Head</b>	1121	1153	1185
a. How many <b>total</b> days was the field grazed <b>BEFORE</b> harvest?	<b>#/Days</b>	1122	1154	1186
16. Regardless of ownership, how many head of _____ grazed this field <b>AFTER</b> harvest?	<b>#/Head</b>	1123	1155	1187
a. How many <b>total</b> days was the field grazed <b>AFTER</b> harvest?	<b>#/Days</b>	1124	1156	1188
17. Was this crop irrigated? If <b>YES</b> enter 1 and continue. If <b>NO</b> , enter 3 and go to page 9, 2004 crops.	<b>YES=1</b>	1125	1157	1189
18. What was the total amount of water applied?* If unknown, ask 18a and 18b.	<b>Number</b>	1126	1158	1190
Unit: <b>1=Inches per acre 2=Total acre feet</b> (for the field)	<b>Code</b>	1127	1159	1191
a. What was the <b>total</b> number of <b>hours</b> the irrigation system was used to apply water during the growing season?	<b>Total Hours</b>	1128	1160	1192
b. How many gallons per minute were applied, on average?	<b>Number</b>	1129	1161	1193
19. What method was used to schedule timing and quantity of irrigation? <b>[See page 6]</b>	<b>Code</b>	1130	1162	1194
20. Did a preplant irrigation occur?	<b>YES=1</b>	1131	1163	1195
21. What was the total number of times this entire field was irrigated during the growing season?	<b>Number</b>	1132	1164	1196

2005 EDIT CROPPING TABLE	1003
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\* Include preplant irrigation. Exclude irrigation for climate control (frost or cooling) and salinity management.

Let's finish up with the 2004 crop year. What was the:		2004	2004	2004
Crop(s) planted or Land Use _____?	<b>Crop</b>			
1. Crop(s) code or Land Use Code. <b>See Respondent Booklet for codes.</b>	<b>Code</b>	1197	1229	1261
2. Intended use of Crop(s)? <b>[See page 6]</b>	<b>Code</b>	1198	1230	1262
3. Acres planted? <b>[Include previous planted crops.]</b>	<b>Acres</b>	1199	1231	1263
4. Date planted? (mmddyy)	<b>Date</b>	1200	1232	1264
5. Seeding Rate/Acre?	<b>Number</b>	1201	1233	1265
a. Unit: <b>[See page 6]</b>	<b>Code</b>	1202	1234	1266
6. Row Width (for row crops)?	<b>Inches</b>	1203	1235	1267
7. <b>Expected</b> yield/acre at planting (yield goal)?	<b>Number</b>	1204	1236	1268
a. Unit: <b>[See page 6]</b>	<b>Code</b>	1205	1237	1269
8. Type of tillage used? 1 = no till, strip till (direct seed) 2 = ridge till (Select from list.) 3 = mulch till 4 = conventional till	<b>Code</b>	1206	1238	1270
9. Acres harvested?	<b>Acres</b>	1207	1239	1271
a. Date harvested? (mmddyy)	<b>Date</b>	1208	1240	1272
10. <b>Actual</b> yield at harvest/acre?	<b>Number</b>	1209	1241	1273
a. Unit: <b>[See page 6]</b>	<b>Code</b>	1210	1242	1274
11. Acres abandoned?	<b>Acres</b>	1211	1243	1275
12. Was straw or stubble harvested? If <b>YES</b> enter 1 and continue. If <b>NO</b> , enter 3 and go to 13.	<b>YES=1</b>	1212	1244	1276
a. How many acres were harvested for straw or stubble?	<b>Acres</b>	1213	1245	1277
b. What was the remaining stubble height after harvest?	<b>Inches</b>	1214	1246	1278
13. Was the field grazed? If <b>YES</b> enter 1 and continue. If <b>NO</b> , enter 3 and go to 17.	<b>YES=1</b>	1215	1247	1279
14. What type of livestock grazed the field (primarily)? <b>[See page 6]</b>	<b>Code</b>	1216	1248	1280
15. Regardless of ownership, how many head of _____ grazed this field <b>BEFORE</b> harvest?	<b>#/Head</b>	1217	1249	1281
a. How many <b>total</b> days was the field grazed <b>BEFORE</b> harvest?	<b>#/Days</b>	1218	1250	1282
16. Regardless of ownership, how many head of _____ grazed this field <b>AFTER</b> harvest?	<b>#/Head</b>	1219	1251	1283
a. How many <b>total</b> days was the field grazed <b>AFTER</b> harvest?	<b>#/Days</b>	1220	1252	1284
17. Was this crop irrigated? If <b>YES</b> enter 1 and continue. If <b>NO</b> , enter 3 and go to page 10, Item 2.	<b>YES=1</b>	1221	1253	1285
18. What was the total amount of water applied?* If unknown, ask 18a and 18b.	<b>Number</b>	1222	1254	1286
Unit: <b>1=Inches per acre 2=Total acre feet</b> (for the field)	<b>Code</b>	1223	1255	1287
a. What was the <b>total</b> number of <b>hours</b> the irrigation system was used to apply water during the growing season?	<b>Total Hours</b>	1224	1256	1288
b. How many gallons per minute were applied, on average?	<b>Number</b>	1225	1257	1289
19. What method was used to schedule timing and quantity of irrigation? <b>[See page 6]</b>	<b>Code</b>	1226	1258	1290
20. Did a preplant irrigation occur?	<b>YES=1</b>	1227	1259	1291
21. What was the total number of times this entire field was irrigated during the growing season?	<b>Number</b>	1228	1260	1292

2004 EDIT CROPPING TABLE	1002
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\* Include preplant irrigation. Exclude irrigation for climate control (frost or cooling) and salinity management.

- |   |   |
|---|---|
| 1 | Lack of equipment   |
| 2 | Lack of information on how to manage crop production using conservation tillage |
| 3 | Problems with soil (cold/wet)   |
| 4 | Problems with insect control  |
| 5 | Problems with weed control  |
| 6 | Problems with disease control   |
| 7 | Other (specify) _____   |

2. [If Section C Item 1 line 8=4, conventional till, ask-] **which of the reasons listed best explain why conservation tillage practices were not used?** (Mark up to 3 that apply each year.)

2006	2005	2004
1293	1304	1315
1294	1305	1316
1295	1306	1317

3. During crop years 2006, 2005, or 2004--

- a. Was variable rate technology (VRT) used for seeding on this field?
- b. Was there (will there be) a yield monitor on the equipment used to harvest this field?

2006	2005	2004
1296	1307	1318
1297	1308	1319

[If YES, continue; if NO go to Item c.]

(1) Was there (will there be) a yield map produced from this harvest using information from the yield monitor?

2006	2005	2004
1298	1309	1320
1299	1310	1321

c. Was a GPS (Global Positioning System) device used to geo-reference and/or produce a map of the soil properties of this field (such as soil nitrate levels, pH, etc.)?

[If Item c=YES, continue; if NO, go to Item 4.]

(1) Was a map (or will a map be) produced based on soil tests from this field?

1300	1311	1322
1301	1312	1323
1302	1313	1324
1303	1314	1325

(2) Was a map (will a map be) produced based on a machine that measured electrical conductivity of the soil (e.g., Veris machine)?

4. Did you practice contour farming on this field?
5. Did you practice strip cropping on this field?

6. Is there currently gully erosion on this field? YES=1 1326
7. Is the field adjacent to a water body, intermittent stream or wetland? YES=1 1327

8. In 2006, did this field have any of the following conservation practices? If YES, then record total acres in practice. [May or may not be included in the conservation plan.]

	ACRES
<input type="checkbox"/> a. Terraces?	1328
(1) Were these terraces— 1=primarily grassland? 2=primarily cropped? CODE	1329

	ACRES
<input type="checkbox"/> b. Grassed waterways?	1330
<input type="checkbox"/> c. Vegetative buffers (in-field)?	1331
<input type="checkbox"/> d. Hedgerow plantings?	1332
<input type="checkbox"/> e. Stream side forest buffer?	1333

	ACRES
<input type="checkbox"/> f. Stream side herbaceous buffer?	1334
<input type="checkbox"/> g. Windbreak or herbaceous wind barrier?	1335
<input type="checkbox"/> h. Contour buffers (in-field)?	1336
<input type="checkbox"/> i. Field borders?	1337
<input type="checkbox"/> j. Filter strips?	1338
<input type="checkbox"/> k. Critical area planting?	1339
<input type="checkbox"/> l. Grade stabilization structure?	1340
<input type="checkbox"/> m. Other (specify) _____	2450

9. Does this field have subsurface (tile) drainage?..... YES=1

1341
------

10. Does this field have surface drainage structures?..... YES=1

1342
------

11. Do you have a crop rotation plan for this field?

YES – [Enter 1 and continue.]

CODE

NO – [Enter 3 and go to Item 12.] .....

1343
------

a. Let's record your crop rotation plan. [Use the crop codes from the Respondent Booklet. Use multiple codes to capture strip cropping, double cropping, cover crops in a planned rotation.]

<b>Enter the crop name and crop code for the crops in rotation [only use as many years as are in the rotation scheme].</b>	<b>CROPS</b>	<b>CROP CODE</b>	<b>CROP CODE</b>	<b>CROP CODE</b>
1 <sup>st</sup> year of rotation		1344	1351	1358
2 <sup>nd</sup> year of rotation		1345	1352	1359
3 <sup>rd</sup> year of rotation		1346	1353	1360
4 <sup>th</sup> year of rotation		1347	1354	1361
5 <sup>th</sup> year of rotation		1348	1355	1362
6 <sup>th</sup> year of rotation		1349	1356	1363
7 <sup>th</sup> year of rotation		1350	1357	1364
8 <sup>th</sup> year of rotation		2039	2434	2442
9 <sup>th</sup> year of rotation		2040	2435	2443
10 <sup>th</sup> year of rotation		2041	2436	2444
11 <sup>th</sup> year of rotation		2042	2437	2445
12 <sup>th</sup> year of rotation		2043	2438	2446
13 <sup>th</sup> year of rotation		2044	2439	2447
14 <sup>th</sup> year of rotation		2045	2440	2448
15 <sup>th</sup> year of rotation		2046	2441	2449

**b. Was the crop rotation done for:**  
 [Mark all that apply.]

Insect Control?.....	YES=1	1365
Weed Control?.....	YES=1	1366
Disease Control?.....	YES=1	1367
Nutrient Enrichment?.....	YES=1	1368
Erosion Control?.....	YES=1	1369
Market Risk Management?.....	YES=1	1370
Soil Quality?.....	YES=1	1371
Livestock Feeding/Grazing?.....	YES=1	1372
Wildlife Habitat Enhancement?.....	YES=1	1373
Other (specify)?.....	YES=1	1403

**12. Was a soil test performed on this field to determine crop nutrient application needs?**

**YES** [Enter 1 and continue.]

**NO** [Enter 3 and go to Section D.]

**CODE**  
 1374

**13. What year was the last soil test performed on this field?.....**

**YEAR**  
 1375

**14. Please provide the following information for the last soil test performed on this field.**

1 Crop	2 Crop Code	3 Recommended nitrogen rate lbs./acre	4 Recommended phosphorus rate lbs./acre	5 Recommended potash rate lbs./acre	6 Recommended lime rate lbs./acre (ton=2000 lbs.)
	1376	1380	1384	1388	1392
	1377	1381	1385	1389	1393
	1378	1382	1386	1390	1394
	1379	1383	1387	1391	1395

1. Were commercial FERTILIZERS, including sulfur, applied to this field for:

a. **the 2006 crop?** [If YES, enter 1 and continue. If NO, enter 3 and go to 1c.].....

YES = 1  
NO = 3

Code	Edit Table
0221	0234
0222	

b. **Did you use any product to slow the breakdown of nitrogen on this field in 2006?** (For example a nitrification inhibitor such as N-Serve or a urease inhibitor such as Agrotain.).....

YES = 1  
NO = 3

c. **the 2005 crop?** [If YES, enter 1 and continue. If NO, enter 3 and go to 1e.].....

YES = 1  
NO = 3

Code	Edit Table
0235	0233
0236	

d. **Did you use any product to slow the breakdown of nitrogen on this field in 2005?** (For example a nitrification inhibitor such as N-Serve or a urease inhibitor such as Agrotain.).....

YES = 1  
NO = 3

e. **the 2004 crop?** [If YES, enter 1 and continue. If NO, enter 3 and go to next Enumerator Action.].....

YES = 1  
NO = 3

Code	Edit Table
0237	0232
0238	

f. **Did you use any product to slow the breakdown of nitrogen on this field in 2004?** (For example a nitrification inhibitor such as N-Serve or a urease inhibitor such as Agrotain.).....

YES = 1  
NO = 3

**[ENUMERATOR ACTION:** If COMMERCIAL fertilizer applied in any year, continue with the year specific table, else go to Section E. ]

Was fertilizer applied in 2006? [If **YES** continue. If **NO** go to Item 2b.]

**2a. Now I need to record information for each fertilizer application for the 2006 crop.**

[Probe for applications made in the fall of 2005 (and those made earlier if this field was fallow) for the 2006 crop year.]

CHECKLIST										
INCLUDE				EXCLUDE						
<input type="checkbox"/> Custom applied fertilizers <input type="checkbox"/> Sulfur				<input type="checkbox"/> Micronutrients <input type="checkbox"/> Commercially prepared manure <input type="checkbox"/> Unprocessed manure <input type="checkbox"/> Lime and gypsum				<b>T-TYPE 2</b>  <b>Office use</b> <b>Lines in table</b>		<b>TABLE 100</b>  0220
				<b>Line 99</b>						
LINE	1 Crop Year	2 Primary crop for which nutrients were intended	3 Crop Code  [Enter crop code from Respondent Booklet.]	4 MATERIALS USED  Enter percentage analysis if known, otherwise actual pounds of plant nutrients applied per acre.  [Show Common Fertilizers in Respondent Booklet.]				5 What quantity was applied per acre?  [Leave this column blank if actual nutrients were reported.]	6 [Enter material code.]  1 Pounds 3 Tons 12 Gallons 19 Pounds of actual nutrients	
				Nitrogen N	Phosphorus P <sub>2</sub> O <sub>5</sub>	Potassium K <sub>2</sub> O	Sulfur S			
01	06		0204	0205	0206	0207	0239	0208	0209	
02	06		0204	0205	0206	0207	0239	0208	0209	
03	06		0204	0205	0206	0207	0239	0208	0209	
04	06		0204	0205	0206	0207	0239	0208	0209	
05	06		0204	0205	0206	0207	0239	0208	0209	
06	06		0204	0205	0206	0207	0239	0208	0209	
07	06		0204	0205	0206	0207	0239	0208	0209	
08	06		0204	0205	0206	0207	0239	0208	0209	
09	06		0204	0205	0206	0207	0239	0208	0209	
10	06		0204	0205	0206	0207	0239	0208	0209	
11	06		0204	0205	0206	0207	0239	0208	0209	
12	06		0204	0205	0206	0207	0239	0208	0209	
13	06		0204	0205	0206	0207	0239	0208	0209	
14	06		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 in or over row
8	Foliar or directed spray

LINE	7	8	9	10	NOTES
	When was this applied?  MMDYY	How was this applied?  [Enter code from box above.]	How many acres were treated in this application?  ACRES	Was variable rate technology (VRT) used?  YES=1  [Include "on-the-go" sensing.]	
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	

Was fertilizer applied in 2005? [If **YES** continue. If **NO** go to Item 2c.]

**2b. Now I need to record information for each fertilizer application for the 2005 crop.**

[Probe for applications made in the fall of 2004 (and those made earlier if this field was fallow) for the 2005 crop year.]

CHECKLIST											
INCLUDE					EXCLUDE						
<input type="checkbox"/> Custom applied fertilizers					<input type="checkbox"/> Micronutrients					T-TYPE 2	TABLE 200
<input type="checkbox"/> Sulfur					<input type="checkbox"/> Commercially prepared manure						
					<input type="checkbox"/> Unprocessed manure					Line 99	Office use Lines in table
					<input type="checkbox"/> Lime and gypsum						
LINE	1 Crop Year	2 Primary crop for which nutrients were intended	3 Crop Code  [Enter crop code from Respondent Booklet.]	4 MATERIALS USED  Enter percentage analysis if known, otherwise actual pounds of plant nutrients applied per acre.  [Show Common Fertilizers in Respondent Booklet.]				5 What quantity was applied per acre?  [Leave this column blank if actual nutrients were reported.]	6 [Enter material code.]  1 Pounds 3 Tons 12 Gallons 19 Pounds of actual nutrients		
				Nitrogen N	Phosphorus P <sub>2</sub> O <sub>5</sub>	Potassium K <sub>2</sub> O	Sulfur S				
01	05		0204	0205	0206	0207	0239	0208	0209		
02	05		0204	0205	0206	0207	0239	0208	0209		
03	05		0204	0205	0206	0207	0239	0208	0209		
04	05		0204	0205	0206	0207	0239	0208	0209		
05	05		0204	0205	0206	0207	0239	0208	0209		
06	05		0204	0205	0206	0207	0239	0208	0209		
07	05		0204	0205	0206	0207	0239	0208	0209		
08	05		0204	0205	0206	0207	0239	0208	0209		
09	05		0204	0205	0206	0207	0239	0208	0209		
10	05		0204	0205	0206	0207	0239	0208	0209		
11	05		0204	0205	0206	0207	0239	0208	0209		
12	05		0204	0205	0206	0207	0239	0208	0209		
13	05		0204	0205	0206	0207	0239	0208	0209		
14	05		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 in or over row
8	Foliar or directed spray

LINE	7	8	9	10	NOTES
	When was this applied?	How was this applied? <i>[Enter code from box above.]</i>	How many acres were treated in this application?	Was variable rate technology (VRT) used? <i>[Include "on-the-go" sensing.]</i>	
	MMDYY		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	

Was fertilizer applied in 2004? [If **YES** continue. If **NO** go to Section E.]

**2c. Now I need to record information for each fertilizer application for the 2004 crop.**

[Probe for applications made in the fall of 2003 (and those made earlier if this field was fallow) for the 2004 crop year.]

CHECKLIST										
INCLUDE				EXCLUDE						
<input type="checkbox"/> Custom applied fertilizers <input type="checkbox"/> Sulfur				<input type="checkbox"/> Micronutrients <input type="checkbox"/> Commercially prepared manure <input type="checkbox"/> Unprocessed manure <input type="checkbox"/> Lime and gypsum				<b>T-TYPE 2</b>  <b>Office use</b> <b>Lines in table</b>		<b>TABLE 300</b>  0220
				<b>Line 99</b>						
LINE	1 Crop Year	2 Primary crop for which nutrients were intended	3 Crop Code  [Enter crop code from Respondent Booklet.]	4 MATERIALS USED  Enter percentage analysis if known, otherwise actual pounds of plant nutrients applied per acre.  [Show Common Fertilizers in Respondent Booklet.]				5 What quantity was applied per acre?  [Leave this column blank if actual nutrients were reported.]	6 [Enter material code.]  1 Pounds 3 Tons 12 Gallons 19 Pounds of actual nutrients	
				Nitrogen N	Phosphorus P <sub>2</sub> O <sub>5</sub>	Potassium K <sub>2</sub> O	Sulfur S			
01	04		0204	0205	0206	0207	0239	0208	0209	
02	04		0204	0205	0206	0207	0239	0208	0209	
03	04		0204	0205	0206	0207	0239	0208	0209	
04	04		0204	0205	0206	0207	0239	0208	0209	
05	04		0204	0205	0206	0207	0239	0208	0209	
06	04		0204	0205	0206	0207	0239	0208	0209	
07	04		0204	0205	0206	0207	0239	0208	0209	
08	04		0204	0205	0206	0207	0239	0208	0209	
09	04		0204	0205	0206	0207	0239	0208	0209	
10	04		0204	0205	0206	0207	0239	0208	0209	
11	04		0204	0205	0206	0207	0239	0208	0209	
12	04		0204	0205	0206	0207	0239	0208	0209	
13	04		0204	0205	0206	0207	0239	0208	0209	
14	04		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 in or over row
8	Foliar or directed spray

LINE	7	8	9	10	NOTES
	When was this applied?	How was this applied? <i>[Enter code from box above.]</i>	How many acres were treated in this application?	Was variable rate technology (VRT) used? <i>[Include "on-the-go" sensing.]</i>	
	MDDYY		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	

E

**MANURE APPLICATIONS---SELECTED FIELD**

E

**1. Was manure applied to this field for the 2006, 2005, or 2004 crop year?**

Manure applications include effluents from waste lagoons, waste holding ponds, and waste runoff storage ponds. *(Include commercially prepared manure.)*

<b>T-TYPE</b>	<b>TABLE</b>	<b>LINE</b>
<b>0</b>	<b>000</b>	<b>00</b>

[Probe for applications made in the fall of 2003, 2004 and 2005 (and those made earlier if this field was fallow) for the 2004, 2005, and 2006 crop years respectively.]

**CODE**

**YES** – [Enter 1 and continue.]

**NO** – [Enter 3 and go to Section F.] .....

0418

**T-TYPE**

**TABLE**

	<b>4</b>	<b>001</b>
<b>LINE 99</b>	<b>OFFICE USE LINES IN TABLE</b>	0417

**2. Now I need to record information for each manure application.**

LINE	1 Crop Year	2 Primary crop for which nutrients were intended	3 Crop Code	4 What quantity of manure was applied per acre?	5 Unit <i>(column 4 only)</i>	6 Where was the manure produced?	7 How was the manure handled?	8 Was a manure test done?
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	0403		0404	0408	0409	0407	0416	0455

- 1 On this operation
- 2 Purchased
- 3 Obtained at no cost off this operation
- 4 Obtained with compensation
- 5 Commercially prepared manure

- 1 Solid
- 2 Liquid
- 3 Slurry

- 1 YES
- 2 DON'T KNOW
- 3 NO

CODES FOR MANURE SOURCE COLUMN 11	
1	Beef cattle
2	Dairy cattle
3	Hogs
4	Sheep
5	Poultry
6	Equine
7	Biosolids
8	Other (specify) _____
9	Don't Know

CODES FOR APPLICATION COLUMN 15	
1	Dry broadcast, without incorporation
2	Dry broadcast, with incorporation
3	Liquid broadcast, without incorporation
4	Liquid broadcast, with incorporation
5	Chiseled/injected or knifed in
6	Furrow or basin irrigated
7	Sprinkler irrigated

LINE	9 Results from manure analysis test OR [N, P <sub>2</sub> O <sub>5</sub> ] applied.		10 Unit <i>(column 9 only)</i>  31 lbs/ton 121 lbs/1000gals 19 actual nutrients	11 Major source of manure  [Enter code from box above.]	12 Was bedding material included in the manure?  1 YES 2 DON'T KNOW 3 NO	13 Was manure composted before application?  1 YES 2 DON'T KNOW 3 NO	14 When was this applied?  MMDYY	15 How was this applied?  [Enter code from box above.]	16 How many acres were treated in this application?  ACRES
	Nitrogen N	Phosphorus P <sub>2</sub> O <sub>5</sub>							
01	0405	0406	0456	0413	0414	0415	0410	0411	0412
02	0405	0406	0456	0413	0414	0415	0410	0411	0412
03	0405	0406	0456	0413	0414	0415	0410	0411	0412
04	0405	0406	0456	0413	0414	0415	0410	0411	0412
05	0405	0406	0456	0413	0414	0415	0410	0411	0412
06	0405	0406	0456	0413	0414	0415	0410	0411	0412
07	0405	0406	0456	0413	0414	0415	0410	0411	0412
08	0405	0406	0456	0413	0414	0415	0410	0411	0412
09	0405	0406	0456	0413	0414	0415	0410	0411	0412
10	0405	0406	0456	0413	0414	0415	0410	0411	0412

T-TYPE	TABLE	LINE	EDIT MANURE TABLE		
0	000	00	2006	2005	2004
			0454	0453	0452

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 and go to Item 4.]

TYPE 0	TABLE 000	LINE 00
		0419

YES = 1

a. What nutrient requirement basis was used to determine these manure applications?

- |   |            |
|---|------------|
| 1 | Nitrogen   |
| 2 | Phosphorus |

CODE

0420

4. Was the use of commercial fertilizers reduced on this field in years when manure was applied?

[If YES, enter 1 and continue; if NO, enter 3 and go to Item 5.]

YES = 1

0421

a. Was commercial nitrogen reduced?

YES = 1

0422

b. Was commercial phosphorus reduced?

YES = 1

0423

5. How often do you plan to apply manure to this field in future years?

- |   |                                |
|---|--------------------------------|
| 1 | No plans to apply manure again |
| 2 | At least once per year         |
| 3 | Once every 2 years             |
| 4 | Once every 3 years             |
| 5 | Once every 4 years             |
| 6 | Once every 5 or more years     |

CODE

0424

6. Was the manure applied to the selected field produced on this operation?

YES - [Enter 1 and continue.]

NO - [Enter 3 and go to Section F.]

CODE

0425

7. What type of manure storage system is used for the bulk of manure that is produced on this operation?

Solid		Slurry		Liquid	
1	stacking slab (open storage)	7	concrete or steel tank, basin or pit	10	single stage lagoon or holding pond
2	covered slab	8	earthen storage facility	11	two stage lagoon system with the second stage being either a lagoon or a holding pond
3	manure pack	9	other (specify)	12	run off storage pond used only for collection of open-lot run off
4	barn, shed or house			13	other (specify)
5	other (specify)				
6	none				

CODE

0426

8. What is the frequency of applications of manure produced on the operation?

(use codes from box at right)				
	Spring	Summer	Fall	Winter
<b>Solid</b>	0427	0428	0429	0430
<b>Slurry</b>	0431	0432	0433	0434
<b>Liquid</b>	0435	0436	0437	0438

FREQUENCY

- 1 daily
- 2 weekly
- 3 monthly
- 4 quarterly
- 5 twice annually
- 6 annually
- 7 every 3 years
- 8 biweekly
- 9 every 2 years
- 10 every other day

1. Were any herbicides, insecticides, fungicides or other chemicals applied to this field for the 2006, 2005, or 2004 crops? For each year enter:.....

	2006	2005	2004
YES = 1 NO = 3	0315	0345	0346
<b>Edit Table</b>	0344	0343	0342

[ENUMERATOR ACTION: If pesticides applied in any year, continue. Complete table only for year(s) specified, else go to Section G.]

2. Were weather data used to assist in determining the 'need for', or 'timing of' when to make pesticide applications?.....

YES = 1

0316

3. Were any biological pesticides such as Bt (Bacillus thuringiensis), insect growth regulators, neem, or other natural/biologically based products sprayed or applied to manage pests? [Exclude use of Bt corn or cotton seed.].....

YES = 1

0317

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

PESTICIDE APPLICATION DECISION CODE LIST

- 1 Preventive 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?
- 10 Other (specify) \_\_\_\_\_

5. In 2006, were the pesticides applied to this field based MOSTLY on— [Enter one code.].....

CODE

0319

PESTICIDE RISK DECISION CODE LIST

(SELECT TWO)

- 1 Potential health risk to humans
- 2 Risk to populations of beneficial organisms (earthworms, bees, ladybugs, etc.)
- 3 Risk to natural resources (wildlife, fish, etc.)
- 4 Pest resistance management
- 5 Crop safety
- 7 Other (specify) \_\_\_\_\_

a. Other than cost and product effectiveness, identify the 2 most important factors that determined which pesticide to use in 2006.....

PRIMARY CODE

0320

SECONDARY CODE

0321

Were chemicals applied in 2006? [If **YES** continue. If **NO** go to Item 6b.]

6a. **Including both custom applications and applications made by this operation, let's list all the chemicals used on this field for the 2006 crop(s).**

[Probe for applications made in the fall of 2005 (and those made earlier if this field was fallow) for the 2006 crop year.]

**Include** herbicides, insecticides, fungicides, defoliant, growth regulators, microbial agents, miticides, nematocides, rodenticides, soil fumigants, and seed treatments.

**Exclude** fertilizers, adjuvants (e.g. wetting agents, stickers, spreaders, etc.).

**Include** biological and botanical pesticides.

	<b>T-TYPE</b>	<b>TABLE</b>
	<b>3</b>	<b>100</b>
<b>Line 99</b>	<b>Office use Lines in table</b>	0314

CHEMICAL PRODUCT NAME	LINE	1 Crop Year	2 Primary crop for which pesticides were intended	3 Crop Code <small>[Enter crop code from Respondent Booklet.]</small>	4 What products were applied to this field? <small>[Show product codes from Respondent Booklet.]</small>	5 Was this product bought in liquid or dry form? <small>[Enter L or D.]</small>	6 Was this part of a tank mix? <small>[If tank mix, enter line number of first product in mix.]</small>
	01	06		0304	0305		0306
	02	06		0304	0305		0306
	03	06		0304	0305		0306
	04	06		0304	0305		0306
	05	06		0304	0305		0306
	06	06		0304	0305		0306
	07	06		0304	0305		0306
	08	06		0304	0305		0306
	09	06		0304	0305		0306
	10	06		0304	0305		0306
	11	06		0304	0305		0306
	12	06		0304	0305		0306
	13	06		0304	0305		0306
	14	06		0304	0305		0306
	15	06		0304	0305		0306

[For pesticides not listed in Respondent Booklet, specify --]

Line	Pesticide Type <small>(Herbicide, Insecticide, Fungicide, etc.)</small>	EPA No. or Tradename and Formulation	Form Purchased <small>(Liquid or Dry)</small>	Where Purchased <small>[Ask only if EPA No. cannot be reported.]</small>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

APPLICATION CODES FOR COLUMN 11	
4 Seed Furrow	71 Banded/side-dressed
5 Chemigation (in irrigation water)	72 Banded/side-dressed, w/hood
6 Chisel/injected or knifed in	73 Banded/side-dressed, foliar
8 Direct spray, foliar	76 T-Banded (Combo of banded and injected)
10 Seed Treatment by producer prior to planting	SPOT TREATMENTS:
11 Broadcast, ground, not incorporated	91 Spot treatment
12 Broadcast, ground, w/hood, not incorporated	92 Spot treatment, w/hood
13 Broadcast, ground, foliar	93 Spot treatment, foliar
21 Broadcast, ground, incorporated	
22 Broadcast, ground, w/hood, incorporated	
31 Broadcast, aerial	
32 Broadcast, aerial, foliar	

LINE	7 When was it applied?  MMDDYY	8 OR 9		10 [Enter unit code.] 1 Pounds 12 Gallons 13 Quarts 14 Pints 15 Liquid Ounces 28 Dry Ounces 30 Grams	11 How was this Product Applied?  [Enter code from above.]	12 How many acres in this field were treated with this product?  ACRES
		How much was applied per acre per application?	What was the total amount applied per application in this field?			
01	0307	0308	0309	0310	0311	0312
02	0307	0308	0309	0310	0311	0312
03	0307	0308	0309	0310	0311	0312
04	0307	0308	0309	0310	0311	0312
05	0307	0308	0309	0310	0311	0312
06	0307	0308	0309	0310	0311	0312
07	0307	0308	0309	0310	0311	0312
08	0307	0308	0309	0310	0311	0312
09	0307	0308	0309	0310	0311	0312
10	0307	0308	0309	0310	0311	0312
11	0307	0308	0309	0310	0311	0312
12	0307	0308	0309	0310	0311	0312
13	0307	0308	0309	0310	0311	0312
14	0307	0308	0309	0310	0311	0312
15	0307	0308	0309	0310	0311	0312

Were chemicals applied in 2005? [If **YES** continue. If **NO** go to Item 6c.]

6b. **Including both custom applications and applications made by this operation, let's list all the chemicals used on this field for the 2005 crop(s).**

[Probe for applications made in the fall of 2004 (and those made earlier if this field was fallow) for the 2005 crop year.]

**Include** herbicides, insecticides, fungicides, defoliants, growth regulators, microbial agents, miticides, nematocides, rodenticides, soil fumigants, and seed treatments.

**Exclude** fertilizers, adjuvants (e.g. wetting agents, stickers, spreaders, etc.).

**Include** biological and botanical pesticides.

	<b>T-TYPE</b>	<b>TABLE</b>
	<b>3</b>	<b>200</b>
<b>Line 99</b>	<b>Office use Lines in table</b>	0314

CHEMICAL PRODUCT NAME	LINE	1 Crop Year	2 Primary crop for which pesticides were intended	3 Crop Code <small>[Enter crop code from Respondent Booklet.]</small>	4 What products were applied to this field? <small>[Show product codes from Respondent Booklet.]</small>	5 Was this product bought in liquid or dry form? <small>[Enter L or D.]</small>	6 Was this part of a tank mix? <small>[If tank mix, enter line number of first product in mix.]</small>
	01	05		0304	0305		0306
	02	05		0304	0305		0306
	03	05		0304	0305		0306
	04	05		0304	0305		0306
	05	05		0304	0305		0306
	06	05		0304	0305		0306
	07	05		0304	0305		0306
	08	05		0304	0305		0306
	09	05		0304	0305		0306
	10	05		0304	0305		0306
	11	05		0304	0305		0306
	12	05		0304	0305		0306
	13	05		0304	0305		0306
	14	05		0304	0305		0306
	15	05		0304	0305		0306

[For pesticides not listed in Respondent Booklet, specify --]

Line	Pesticide Type <small>(Herbicide, Insecticide, Fungicide, etc.)</small>	EPA No. or Tradename and Formulation	Form Purchased <small>(Liquid or Dry)</small>	Where Purchased <small>[Ask only if EPA No. cannot be reported.]</small>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

APPLICATION CODES FOR COLUMN 11	
4 Seed Furrow	71 Banded/side-dressed
5 Chemigation (in irrigation water)	72 Banded/side-dressed, w/hood
6 Chisel/injected or knifed in	73 Banded/side-dressed, foliar
8 Direct spray, foliar	76 T-Banded (Combo of banded and injected)
10 Seed Treatment by producer prior to planting	SPOT TREATMENTS
11 Broadcast, ground, not incorporated	91 Spot treatment
12 Broadcast, ground, w/hood, not incorporated	92 Spot treatment, w/hood
13 Broadcast, ground, foliar	93 Spot treatment, foliar
21 Broadcast, ground, incorporated	
22 Broadcast, ground, w/hood, incorporated	
31 Broadcast, aerial	
32 Broadcast, aerial, foliar	

LINE	7 When was it applied?  MMDDYY	8 OR 9		10 [Enter unit code.] 1 Pounds 12 Gallons 13 Quarts 14 Pints 15 Liquid Ounces 28 Dry Ounces 30 Grams	11 How was this Product Applied?  [Enter code from above.]	12 How many acres in this field were treated with this product?  ACRES
		How much was applied per acre per application?	What was the total amount applied per application in this field?			
01	0307	0308	0309	0310	0311	0312
02	0307	0308	0309	0310	0311	0312
03	0307	0308	0309	0310	0311	0312
04	0307	0308	0309	0310	0311	0312
05	0307	0308	0309	0310	0311	0312
06	0307	0308	0309	0310	0311	0312
07	0307	0308	0309	0310	0311	0312
08	0307	0308	0309	0310	0311	0312
09	0307	0308	0309	0310	0311	0312
10	0307	0308	0309	0310	0311	0312
11	0307	0308	0309	0310	0311	0312
12	0307	0308	0309	0310	0311	0312
13	0307	0308	0309	0310	0311	0312
14	0307	0308	0309	0310	0311	0312
15	0307	0308	0309	0310	0311	0312

Were chemicals applied in 2004? [If **YES** continue. If **NO** go to Section G.]

6c. **Including both custom applications and applications made by this operation, let's list all the chemicals used on this field for the 2004 crop(s).**

[Probe for applications made in the fall of 2003 (and those made earlier if this field was fallow) for the 2004 crop year.]

**Include** herbicides, insecticides, fungicides, defoliants, growth regulators, microbial agents, miticides, nematocides, rodenticides, soil fumigants, and seed treatments.

**Exclude** fertilizers, adjuvants (e.g. wetting agents, stickers, spreaders, etc.).

**Include** biological and botanical pesticides.

	T-TYPE	TABLE
	3	300
Line 99	Office use Lines in table	0314

CHEMICAL PRODUCT NAME	LINE	1 Crop Year	2 Primary crop for which pesticides were intended	3 Crop Code <small>[Enter crop code from Respondent Booklet.]</small>	4 What products were applied to this field? <small>[Show product codes from Respondent Booklet.]</small>	5 Was this product bought in liquid or dry form? <small>[Enter L or D.]</small>	6 Was this part of a tank mix? <small>[If tank mix, enter line number of first product in mix.]</small>
	01	04		0304	0305		0306
	02	04		0304	0305		0306
	03	04		0304	0305		0306
	04	04		0304	0305		0306
	05	04		0304	0305		0306
	06	04		0304	0305		0306
	07	04		0304	0305		0306
	08	04		0304	0305		0306
	09	04		0304	0305		0306
	10	04		0304	0305		0306
	11	04		0304	0305		0306
	12	04		0304	0305		0306
	13	04		0304	0305		0306
	14	04		0304	0305		0306
	15	04		0304	0305		0306

[For pesticides not listed in Respondent Booklet, specify --]

Line	Pesticide Type <small>(Herbicide, Insecticide, Fungicide, etc.)</small>	EPA No. or Tradename and Formulation	Form Purchased <small>(Liquid or Dry)</small>	Where Purchased <small>[Ask only if EPA No. cannot be reported.]</small>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

APPLICATION CODES FOR COLUMN 11	
4 Seed Furrow	71 Banded/side-dressed
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10 Seed Treatment by producer prior to planting	SPOT TREATMENTS
11 Broadcast, ground, not incorporated	91 Spot treatment
12 Broadcast, ground, w/hood, not incorporated	92 Spot treatment, w/hood
13 Broadcast, ground, foliar	93 Spot treatment, foliar
21 Broadcast, ground, incorporated	
22 Broadcast, ground, w/hood, incorporated	
31 Broadcast, aerial	
32 Broadcast, aerial, foliar	

LINE	7 When was it applied?  MMDDYY	8 OR 9		10 [Enter unit code.] 1 Pounds 12 Gallons 13 Quarts 14 Pints 15 Liquid Ounces 28 Dry Ounces 30 Grams	11 How was this Product Applied?  [Enter code from above.]	12 How many acres in this field were treated with this product?  ACRES
		How much was applied per acre per application?	What was the total amount applied per application in this field?			
01	0307	0308	0309	0310	0311	0312
02	0307	0308	0309	0310	0311	0312
03	0307	0308	0309	0310	0311	0312
04	0307	0308	0309	0310	0311	0312
05	0307	0308	0309	0310	0311	0312
06	0307	0308	0309	0310	0311	0312
07	0307	0308	0309	0310	0311	0312
08	0307	0308	0309	0310	0311	0312
09	0307	0308	0309	0310	0311	0312
10	0307	0308	0309	0310	0311	0312
11	0307	0308	0309	0310	0311	0312
12	0307	0308	0309	0310	0311	0312
13	0307	0308	0309	0310	0311	0312
14	0307	0308	0309	0310	0311	0312
15	0307	0308	0309	0310	0311	0312

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 2006 crop year. By pests, we mean INSECTS, WEEDS, and PLANT DISEASES.

1. During 2006, how was this field primarily scouted for pests and/or beneficial organisms?.....

1	By conducting general observations while performing routine tasks. [Enter 1 and go to <b>Item 4</b> .]	<b>CODE</b> <input style="width: 100px; height: 30px;" type="text" value="1701"/>
2	By deliberately going to the field specifically for scouting activities. [Enter 2 and go to <b>Item 2</b> .]	
3	This field was not scouted for pests. [Enter 3 and go to <b>Item 7</b> .]	

2. Was an established scouting process used (systematic sampling, recording counts, etc.) or were insect traps used in this field?..... **YES = 1**

3. Was scouting for pests done in this field due to --

a.	a pest development model?.....	<b>YES = 1</b> <input style="width: 100px; height: 30px;" type="text" value="1703"/>
b.	a pest advisory warning?.....	<b>YES = 1</b> <input style="width: 100px; height: 30px;" type="text" value="1704"/>

4. Was this field scouted for --

1	YES = 1	2 [If YES, ASK--] Who did the majority of the scouting for [column 1]— 1 Operator, partner or family member 2 An employee 3 Farm supply or chemical dealer 4 Independent crop consultant or commercial scout  <b>CODE</b>
a. weeds?	1705	1709
b. insects or mites?	1706	1710
c. diseases?	1707	1711
d. other? (specify) _____	1708	1712

5. Were written or electronic records kept for this field to track the activity or numbers of weeds, insects, or diseases?..... **YES = 1**

6. Were scouting data compared to published information on thresholds to determine when to take measures to manage pests in this field?..... **YES = 1**

7. **Were field mapping data used for making weed management decisions on this field?**..... YES = 1
8. **Were the services of a diagnostic laboratory used for pest identification or soil or plant tissue pest analysis for this field?**..... YES = 1
9. **Did you conduct any of the following activities for the crops grown in 2006 SPECIFICALLY for the purpose of managing pests or reducing the spread of pests?**
- YES = 1**
- |  |      |
|--|------|
| a. Plow down crop residues (using conventional tillage).....                                 | 1717 |
| b. Rotate crops in this field during the past 3 years.....                                   | 1718 |
| c. Maintain ground covers, mulches, or other physical barriers.....                          | 1719 |
| d. Use no-till or minimum till.....  | 1720 |
| e. Adjust spacing, plant density, or row directions.....                                     | 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. Remove crop residue from the field.....   | 1726 |
| k. Cultivate for weed control during the growing season.....                                 | 1727 |
10. **Did you choose any crop variety to be planted in this field because it had resistance to a specific pest?**..... YES = 1
11. **Were planting locations planned to avoid infestation of pests?**..... YES = 1
12. **Were planting or harvesting dates adjusted for this field to manage pests?..** YES = 1
13. **Were weather data used to assist in determining either the 'need for' or 'when to' apply a pest management practice?**..... YES = 1
14. **Were water management practices (such as irrigation scheduling, controlled drainage or treatment of retention water), used on this field to manage pests or toxic producing fungi and bacteria (i.e. aflatoxin)?**..... YES = 1

**15. Which outside sources of information on pest management practices and products were used for 2006?** [Check all that apply.]

[Show Pest Management Information Sources Code List in Respondent Booklet.]

	<b>YES = 1</b>
(1) County, Cooperative or University Extension Advisor, Publications or Demonstrations. ....	1733
(2) Farm Supply or Chemical Dealer. ....	1734
(3) Commercial Scouting Service. ....	1735
(4) Independent Crop Consultant or Pest Control Advisor/Custom Applicator. ....	1736
(5) Other Growers or Producers. ....	1737
(6) Producer Associations, Newsletters or Trade Magazines. ....	1738
(7) Electronic Information Services (DTN, Internet, World Wide Web, etc.). ....	1739
(8) Employee Pest Advisor. ....	1740
(9) Other – (specify) _____	1741
(10) None – Operator used no <b>outside</b> information source. [If Code (10) = 1, Go to Item 17.]	1742

[If only one source code is listed above, copy code to Item 16 and continue.]

**16. For the pest management information sources used, what were the 3 most influential (from Item 15) in determining the pest management practices used on the operation?**

FIRST	SECOND	THIRD
1743	1744	1745

17. 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

18. Were floral lures, attractants, repellants, pheromone traps or other biological pest controls used on this field? ..... **YES = 1** 1756

Completion Code for Pest Management Data	
1 – Incomplete/Refusal	1700

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

**Enumerator Note:** Ask ONLY if irrigation was reported in Section C. Cropping History and Conservation Practices, line 17 = YES. 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 2006, 2005 and 2004 crops.

	2006 SYSTEM TYPE CODE	2005 SYSTEM TYPE CODE	2004 SYSTEM TYPE CODE
a. What type of irrigation system(s) were used to irrigate this field? [Show <b>System Type Codes</b> in Respondent Booklet. If more than 1 system was used, enter System Type Code covering the most field acres.]	1505	1506	1507

[If an irrigation system reported in 1a is a gravity system (code 10-19) then continue, else, go to Item 5.]

	2006 CODE	2005	2004
2. What gravity irrigation system source was used? .. <div style="border: 1px solid black; padding: 2px; display: inline-block;">                     1 furrow                      2 border                      3 basin                      4 contour levee                      5 meadow or wild flood                 </div>	1508	1509	1510

[If the gravity irrigation source in Item 2 = 1 (furrow), then ask]

	2006	2005	2004
a. What was the length of the furrow in feet? .....	1511	1512	1513
b. What was the furrow spacing in feet? .....	1514	1515	1516

	2006	2005	2004
3. Do some portions of the field appear to get more irrigation water than other parts? .....	1517	1518	1519

	2006	2005	2004
4. Do you use any water management practices to reduce irrigation water use or improve efficiency? .....	1520	1521	1522

[If YES, continue, if NO, go to Item 5.]

	2006	2005	2004
a. Did you apply PAM (poly-acrylamide) to your water delivery system? .....	1523	1524	1525

	2006	2005	2004
b. Has the slope of this field been adjusted to a specific grade, including zero slope? .....	1526	1527	1528

[If YES, continue, if NO, go to Item 4c.]

	2006	2005	2004
(1) Was laser leveling used? .....	1529	1530	1531

(2) 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
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1566
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1567
------

**Enumerator Note:** *If irrigation system reported in 1a is a pressure system (codes= 1-9), continue, else go to Item 7.*

**YEAR**

5. **What year was your pressure system installed?**.....

1534 ____
--------------

6. **What year was your pressure system last refurbished?**.....

1535 ____
--------------

7. **Is the runoff from the field primarily --**

- |   |
|---|
| <ul style="list-style-type: none"> <li>1 retained at the end of the field with no re-use?</li> <li>2 retained at the end of the field and re-used to irrigate on the farm?</li> <li>3 collected in evaporation ponds on the farm?</li> <li>4 drained from the farm?</li> <li>5 there is no runoff.</li> </ul> |
|---|

2006	2005	2004
1536	1537	1538

8. **Do you manage irrigation to address salinity problems in this field?**..... **YES=1**

1539
------

COMPLETION CODE FOR IRRIGATION	2006	2005	2004
	1504	1503	1502

## FIELD OPERATIONS---SELECTED FIELD

1. Including custom operations, I need to list field work performed by machines on this field for the 2006, 2005 and 2004 crop years
  - Begin with the first field operation for the 2006 crop (after harvesting of 2005 crop.)
  - List the operations in order by crop year, through harvest.
  - Maintain the order of tandem hook-ups.

a. **Let's start with the 2006 crops.**

CHECK LIST											
<b>Include</b> all field work using machines for-- <input type="checkbox"/> Land Forming <input type="checkbox"/> Tillage <input type="checkbox"/> Preparing for Irrigation before seeding <input type="checkbox"/> Custom Operations				<input type="checkbox"/> Planting <input type="checkbox"/> Harvesting <input type="checkbox"/> Hauling within field <input type="checkbox"/> Residue Management				<b>Exclude</b> all field work using machines for-- <input type="checkbox"/> Lime & Gypsum applications <input type="checkbox"/> Fertilizers, Manure & Pesticides applications <input type="checkbox"/> Hauling from field edge to storage			

1	2	3	4	5	6	7	
Crop Year	Sequence Number	Crop Name	What crop was associated with this operation?	What operation or equipment was used on this field?	Machine Code <small>[Record from Respondent Booklet.]</small>	What was the timing of the field operation?	What was the depth of tillage for tillage/planting operations?
YEAR	NUMBER		CODE		CODE	MMDYY	INCHES
2006	3005		3006		3007	3008	3009
2006	3015		3016		3017	3018	3019
2006	3025		3026		3027	3028	3029
2006	3035		3036		3037	3038	3039
2006	3045		3046		3047	3048	3049
2006	3055		3056		3057	3058	3059
2006	3065		3066		3067	3068	3069
2006	3075		3076		3077	3078	3079
2006	3085		3086		3087	3088	3089
2006	3095		3096		3097	3098	3099
2006	3105		3106		3107	3108	3109
2006	3115		3116		3117	3118	3119
2006	3125		3126		3127	3128	3129
2006	3135		3136		3137	3138	3139
2006	3145		3146		3147	3148	3149
2006	3155		3156		3157	3158	3159
2006	3165		3166		3167	3168	3169
2006	3175		3176		3177	3178	3179



**b. Now let's continue with 2005 crop year.**

- Begin with the first field operation for the 2005 crop (after harvesting of 2004 crop.)

**CHECK LIST**

**Include** all field work using machines for--

- |  |   |
|--|---|
| <input type="checkbox"/> Land Forming                            | <input type="checkbox"/> Planting             |
| <input type="checkbox"/> Tillage                                 | <input type="checkbox"/> Harvesting           |
| <input type="checkbox"/> Preparing for Irrigation before seeding | <input type="checkbox"/> Hauling within field |
| <input type="checkbox"/> Custom Operations                       | <input type="checkbox"/> Residue Management   |

**Exclude** all field work using machines for--

- |  |
|--|
| <input type="checkbox"/> Lime & Gypsum applications                    |
| <input type="checkbox"/> Fertilizers, Manure & Pesticides applications |
| <input type="checkbox"/> Hauling from field edge to storage            |

1 Crop Year	2 Sequence Number	Crop Name	3 What crop was associated with this operation?	4 What operation or equipment was used on this field?	5 Machine Code <i>[Record from Respondent Booklet.]</i>	6 What was the timing of the field operation?	7 What was the depth of tillage for tillage/planting operations?
YEAR	NUMBER		CODE		CODE	MMDDYY	INCHES
2005	3305		3306		3307	3308	3309
2005	3315		3316		3317	3318	3319
2005	3325		3326		3327	3328	3329
2005	3335		3336		3337	3338	3339
2005	3345		3346		3347	3348	3349
2005	3355		3356		3357	3358	3359
2005	3365		3366		3367	3368	3369
2005	3375		3376		3377	3378	3379
2005	3385		3386		3387	3388	3389
2005	3395		3396		3397	3398	3399
2005	3405		3406		3407	3408	3409
2005	3415		3416		3417	3418	3419
2005	3425		3426		3427	3428	3429
2005	3435		3436		3437	3438	3439
2005	3445		3446		3447	3448	3449
2005	3455		3456		3457	3458	3459
2005	3465		3466		3467	3468	3469
2005	3475		3476		3477	3478	3479

2005 EDIT FIELD OPERATIONS TABLE

3003



c. Please answer the following for 2004 crop year.

- Begin with the first field operation for the 2004 crop (after harvesting of 2003 crop.)

CHECK LIST							
Include all field work using machines for--				Exclude all field work using machines for--			
<input type="checkbox"/> Land Forming		<input type="checkbox"/> Planting		<input type="checkbox"/> Lime & Gypsum applications			
<input type="checkbox"/> Tillage		<input type="checkbox"/> Harvesting		<input type="checkbox"/> Fertilizers, Manure & Pesticides applications			
<input type="checkbox"/> Preparing for Irrigation before seeding		<input type="checkbox"/> Hauling within field		<input type="checkbox"/> Hauling from field edge to storage			
<input type="checkbox"/> Custom Operations		<input type="checkbox"/> Residue Management					
1	2		3	4	5	6	7
Crop Year	Sequence Number	Crop Name	What crop was associated with this operation?	What operation or equipment was used on this field?	Machine Code <i>[Record from Respondent Booklet.]</i>	What was the timing of the field operation?	What was the depth of tillage for tillage/planting operations?
YEAR	NUMBER		CODE		CODE	MMDDYY	INCHES
2004	3605		3606		3607	3608	3609
2004	3615		3616		3617	3618	3619
2004	3625		3626		3627	3628	3629
2004	3635		3636		3637	3638	3639
2004	3645		3646		3647	3648	3649
2004	3655		3656		3657	3658	3659
2004	3665		3666		3667	3668	3669
2004	3675		3676		3677	3678	3679
2004	3685		3686		3687	3688	3689
2004	3695		3696		3697	3698	3699
2004	3705		3706		3707	3708	3709
2004	3715		3716		3717	3718	3719
2004	3725		3726		3727	3728	3729
2004	3735		3736		3737	3738	3739
2004	3745		3746		3747	3748	3749
2004	3755		3756		3757	3758	3759
2004	3765		3766		3767	3768	3769
2004	3775		3776		3777	3778	3779

2004 EDIT FIELD OPERATIONS TABLE
3002

1. Have you modified or added any conservation practices for the selected field SPECIFICALLY to improve the quality of fish or wildlife habitat?

YES [Enter 1 and indicate below which practices were installed or modified to enhance habitat, then continue.]

NO [Enter 3 and go to Item 4.]

CODE

1601
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Practices	YES=1 Mark all that apply
Contour buffers.....	1602
Critical area planting.....	1603
Farm pond.....	1604
Field border.....	1605
Filter strip.....	1606
Forest management.....	1607
Grass, forage, legume buffers.....	1608
Grassed waterways.....	1609
Hedgerow plantings.....	1610

Practices	YES=1 Mark all that apply
Pasture improvement.....	1611
Stream side forest buffer.....	1612
Stream side herbaceous buffer.....	1613
Terraces.....	1614
Wetland restoration.....	1615
Windbreak.....	1616
Other (specify)_____	1617
Other (specify)_____	1618
Other (specify)_____	1619

2. For any of the conservation practices associated with the selected field, do you manage the vegetative cover for wildlife purposes such as:

	CODE
a. Delaying mowing or cutting until after critical bird nesting period?..... YES=1	1620
b. Planting multiple grass, shrub or tree varieties to improve wildlife habitat?..... YES=1	1621
c. Managing the height of the cut during mowing to improve wildlife habitat?..... YES=1	1622
d. Other (specify)_____ YES=1	1623

3. Have you seen changes in wildlife numbers because of these conservation practices?

YES [Enter 1 and continue.]

CODE

NO [Enter 3 and go to Item 4.]

1624

a. Have the species numbers increased or decreased?

Wildlife [Mark all that apply.]			Increase	Decrease	Wildlife [Mark all that apply.]			Increase	Decrease
<input type="checkbox"/> Coyotes.....	YES=1	1625	1631	<input type="checkbox"/> Prairie Chickens.....	YES=1	1637	1643		
<input type="checkbox"/> Deer.....	YES=1	1626	1632	<input type="checkbox"/> Quail.....	YES=1	1638	1644		
<input type="checkbox"/> Ducks/geese.....	YES=1	1627	1633	<input type="checkbox"/> Rabbits.....	YES=1	1639	1645		
<input type="checkbox"/> Fish.....	YES=1	1628	1634	<input type="checkbox"/> Songbirds.....	YES=1	1640	1646		
<input type="checkbox"/> Hawks, owls.....	YES=1	1629	1635	<input type="checkbox"/> Other (specify).....	YES=1	1641	1647		
<input type="checkbox"/> Pheasants.....	YES=1	1630	1636	<input type="checkbox"/> Other (specify).....	YES=1	1642	1648		

4. Do you consider the [wildlife below] on your property to be [column]?

- Coyotes..... YES=1
- Deer..... YES=1
- Ducks/geese..... YES=1
- Fish..... YES=1
- Hawks, owls..... YES=1
- Pheasants..... YES=1
- Prairie Chickens..... YES=1
- Quail..... YES=1
- Rabbits..... YES=1
- Songbirds..... YES=1
- Other (specify)..... YES=1

Very Desirable	Desirable	Neutral	Detrimental	Very Detrimental
1649	1660	1671	1682	1693
1650	1661	1672	1683	1694
1651	1662	1673	1684	1695
1652	1663	1674	1685	1696
1653	1664	1675	1686	1697
1654	1665	1676	1687	1698
1655	1666	1677	1688	1699
1656	1667	1678	1689	1800
1657	1668	1679	1690	1801
1658	1669	1680	1691	1802
1659	1670	1681	1692	1803

5. To what extent are wildlife habitat considerations included in discussions you have with NRCS or other conservationists?

- 1 Almost Always
- 2 Frequently
- 3 Sometimes
- 4 Never

CODE

1804

6. Select the one option that best describes your attitude toward wildlife in relation to your agricultural operation:

1. Seeing wildlife on my farm/ranch is important. Providing wildlife habitat affects how I manage my land and has an influence on conservation practices used.
2. Seeing wildlife on my farm/ranch is desirable but does not affect how I manage my land or conservation practices used.
3. Wildlife is not important and does not affect how I manage my land or the conservation practices used.
4. I would not be in favor of conservation practices that purposely improve wildlife habitat on my farm/ranch because it might disrupt my production.

CODE

1805

Completion Code for Wildlife

1806

**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.)*

		<b>ACRES</b>
1. During the 2006 crop year, how many total acres did this operation --		
a. own?.....	<b>+</b>	1901 _____
b. rent <b>FROM</b> others? <i>(Exclude land used on an AUM basis.)</i> .....	<b>+</b>	1902 _____
c. rent <b>TO</b> others? <i>(Include privately owned/rented land administered by a public agency through exchange-of-use.)</i> .....	<b>-</b>	1903 _____
2. Then the <b>TOTAL</b> acres in this operation including the farmstead, all cropland, pastureland, wasteland, wetland, woodland and government program land is – [total of 1a + 1b – 1c]?.....	<b>=</b>	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.]

3. Of the total (Item 2) acres operated, how many acres are considered cropland, including land in hay and cropland in government programs?.....

1905  
\_\_\_\_\_

4. **Enumerator Action:** Copy Crops listed on page 7, Section C, and ask the following for each crop:

How many total acres of            [crop listed on page 7 in Section C, Item 1]            did you plant in 2006 on your entire operation? *(If 2006 crop was a permanent planting, record acres harvested.)*

Crop(s) in 2006 (Page 7, Section C, Item 1)	Crop Code	Total Acres Planted in 2006
	1906	1909 _____
	1907	1910 _____
	1908	1911 _____

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# OPERATOR AND OPERATION CHARACTERISTICS

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1. In 2006, 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 2006, what was your (the operator's) major occupation? .....

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

CODE

1913

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

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

CODE

1914

4. In what year did you (the operator) begin making day-to-day decisions for any farm/ranch? . . . .

YEAR

1915

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 2005;

What code represents the total gross value of sales for this operation in 2005?

- 99 None during 2005
- 1 \$1 \$999
- 2 \$1,000 \$2,499
- 3 \$2,500 \$4,999
- 4 \$5,000 \$9,999
- 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 and over

CODE

1916

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

CODE

1917

### FARM TYPE CODES

<ul style="list-style-type: none"> <li>1 GRAINS, OILSEEDS and DRY BEANS</li> <li>2 TOBACCO</li> <li>3 COTTON and COTTONSEED</li> <li>4 VEGETABLES, MELONS and POTATOES</li> <li>5 FRUIT TREES, NUTS and BERRIES</li> <li>6 NURSERY, GREENHOUSE, FLORICULTURE and SOD</li> <li>7 CUT CHRISTMAS TREES and SHORT WOODY CROPS</li> <li>8 OTHER CROPS and HAY, CRP and PASTURE</li> </ul>	<ul style="list-style-type: none"> <li>9 HOGS and PIGS</li> <li>10 MILK and OTHER DAIRY PRODUCTS FROM COWS</li> <li>11 CATTLE and CALVES</li> <li>12 SHEEP, GOATS, and THEIR PRODUCTS</li> <li>13 HORSES, PONIES and MULES</li> <li>14 POULTRY and EGGS</li> <li>15 AQUACULTURE</li> <li>16 OTHER ANIMALS and OTHER ANIMAL PRODUCTS</li> </ul>
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**CONCLUDE INTERVIEW and THANK the RESPONDENT**

**CONCLUSION**

