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Conservation Effects Assessment Project (CEAP)

Form Approved
O.M.B. Number 0535-0245
Approval Expires 08/31/07
Project Code 912

VERSION	CEAP ID	TRACT	SUBTRACT	T-TYPE	TABLE	LINE
1	__ __ __ __ __ __ __ __ __	01	01	0	000	00

DATE	TIME	CONTACT RECORD NOTES

R CODES

3 - COM
5 - OOS
8 - IR
9 - INAC

OPTIONAL

OPTIONAL

0910	
0001	1
0002	
0003	

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.

		H H M M
BEGINNING TIME [*MILITARY*]	0004	__ __ __ __

	Matched ARMS	ARMS II ID
OFFICE USE	0008	0012 __ __ __ __ __ __ __ __

OFFICE USE: LSF CHANGE
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?**

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

SCREENING

	2003	2002
3. **Did you make the day-to-day farming/ranching decisions for this field in [*year*]--** . . . . . **YES=1**	0010	0011

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

		CODE
1	One individual [*enter 1 and go to Item 7*]	
2	Partners [*enter number of partners and go to Item 5*]	0921
3	A hired manager [*enter 8 and go to Item 7*]	

5. **How many partners are involved in the day-to-day decisions for this operation?** . . . . . **NUMBER** 0013

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

OFFICE USE **POID** __ __ __ __ __ __ __ __ __	**OFFICE USE** **POID** __ __ __ __ __ __ __ __ __
PARTNER NAME	*PARTNER NAME*
ADDRESS	*ADDRESS*
CITY *STATE* *ZIP* *PHONE NUMBER*	*CITY* *STATE* *ZIP* *PHONE NUMBER*
OFFICE USE **POID** __ __ __ __ __ __ __ __ __	**OFFICE USE** **POID** __ __ __ __ __ __ __ __ __
PARTNER NAME	*PARTNER NAME*
ADDRESS	*ADDRESS*
CITY *STATE* *ZIP* *PHONE NUMBER*	*CITY* *STATE* *ZIP* *PHONE NUMBER*

7. **During 2004, was the entire field enrolled in the Conservation Reserve Program (CRP)?**

	CODE
☐ **YES -** [*Enter code 1 and continue with Item 7a.*]	0014
☐ **NO -** [*Enter code 3 and go to Section A.*]	

a. What is the CRP sign up number for this field? [*Show respondent general CRP sign up numbers from Respondent Booklet.*] . . . . . **NUMBER** 0015

b. What is the CRP contract number? [*Enter contract number and go to Conclusion.*] . . . . . **NUMBER** 0016

A TRACT & FIELD CHARACTERISTICS A

This survey deals with the cropping history and management practices of the **SELECTED FIELD AND conservation practices** located in and adjoining the **SELECTED FIELD**. We need to identify the field and the area(s) adjoining the field with conservation practices in place. We'll refer to this entire area as the **CONSERVATION TRACT**.

[*Show aerial photo to respondent to identify the **SELECTED FIELD** (where the NRI point is located) and the **CONSERVATION TRACT** (includes selected field AND conservation practices area adjoining the field).*]

The boundaries of the **CONSERVATION TRACT** should include the **SELECTED FIELD** and surrounding areas associated with the field that are not cropped such as grassed waterways, field borders, buffers, and other parts of the tract and field that are in conservation practices. This should also include areas of the **SELECTED FIELD** in or adjacent to the **SELECTED FIELD** in **WRP** or continuous **CRP** or **CREP** or **WHIP**. The entire tract may not be shown on the aerial photography, but the questions in this survey refer to the entire tract in which the point is located.

Now, let's identify the boundaries of the **SELECTED FIELD**. (*Draw off Selected Field and verify.*)

Now, let's identify the boundaries of the **CONSERVATION TRACT.** (*Includes Selected Field AND conservation practices that adjoin the field. Draw off Conservation Tract and verify.*)

During this interview, the questions will be about this SELECTED FIELD and/or the surrounding areas in conservation practices identified as the CONSERVATION TRACT.

1. **In 2004, how many acres in the conservation tract containing the sample point were --**

		ACRES
a.	planted or cropped (*including hay acres harvested*)? . . . . . +	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 rotational pasture? . . . . . +	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 .___

2. **So the TOTAL acres in the conservation tract (1a + 1b + 1c + 1d + 1e + 1f) are** . . . . . = ACRES 0023 .___

[**ENUMERATOR NOTE:** *If any acres are reported in 1a (cropped) or 1c (idle cropland, summer fallow, or rotational pasture) continue, otherwise, go to Conclusion.*]

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

		2004	2003	2002
1	owned by this operation?	0504	0503	0502
2	rented for CASH payment?			
3	rented for a CASH, flexible 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?			

B CONSERVATION PLAN -- SELECTED FIELD B

1. Do you have a written Conservation Plan(s) for the selected field or tract?

[*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

	CODE
☐ **YES** - [*Enter code 1 and continue with Item 1a.*]	
☐ **Don't Know** - [*Enter code 2 and go to Item 2.*]	0701
☐ **NO** - [*Enter code 3 and go to Item 2.*]	

[*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

2. Did you receive cost share or incentive payments in 2004, 2003, or 2002 for any conservation practices implemented on this field?

[Be sure to include payments for establishing grassed waterways and filter strips or riparian buffers on or adjoining the field.]

	CODE
☐ **YES** - [*Enter code 1.*]	0707
☐ **NO** - [*Enter code 3 and go to Item 3.*]	

a. If Yes, for what program?

	YES=1 (*Mark all that apply*)
CRP	0708
WRP	0709
EQIP	0710
State Programs	0711
Other (specify) _____	0712
Don't Know	0713

B CONSERVATION PLAN -- SELECTED FIELD B

3. **Who provided the technical assistance for the development of the Conservation Plan and/or conservation practice(s) on this field?**
   - Include technical assistance for planning, installing, maintaining, or using conservation practices or systems on this field.
   - Include grassed waterways and filter strips or riparian buffers on or adjoining this field.
   - Include assistance from any source whether paid for or free.

Source	YES=1 *Mark all that apply*	Were you charged for the service? YES=1	Which of these was your PRIMARY source of assistance? *Select ONLY 1* YES=1
NRCS (formerly SCS)	0714	0720	0726
Conservation District	0715	0721	0727
Technical Service Providers (Private Sector)	0716	0722	0728
University Extension	0717	0723	0729
State Agencies	0718	0724	0730
Other (Identify:_____)	0719	0725	0731

4. **During 2004, was any portion of the conservation tract enrolled in the continuous Conservation Reserve Program (CRP), the Farmable Wetland Program (FWP), or in the Conservation Reserve Enhancement Program (CREP)?**

	CODE
☐ **YES** - [*Enter code 1.*]	0732
☐ **NO** - [*Enter code 3.*]	

Completion Code for Conservation Practices	
1 - Incomplete/Refusal	0700

C CROPPING HISTORY & CONSERVATION PRACTICES -- SELECTED FIELD C

Notes and Comments:

C CROPPING HISTORY & CONSERVATION PRACTICES -- SELECTED FIELD C

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 stripped cropped, all crops in the stripped crop scheme. [*Use a separate column for each use of the field in each year.*])

Let's begin with the 2004 crop year. What was the:		**2004**	**2004**	**2004**
Crop(s) planted or Land Use _____.	**Crop**			
1. Crop(s) planted or Land Use Code. ***See Respondent Booklet for codes.***	**Code**	1005	1037	1069
2. Intended Use of Crop(s)? **1 = Dual use 3 = Grazing Only 5 = Other 2 = Hvst grain 4 = Cover Crop Specify_____**	**Code**	1006	1038	1070
3. Acres Planted?	**Acres**	1007 . __	1039 . __	1071 . __
4. Date planted?	**Date**	1008 __ __ __ __ __ __	1040 __ __ __ __ __ __	1072 __ __ __ __ __ __
5. Seeding Rate/Acre?	**Number**	1009 . __	1041 . __	1073 . __
a. Unit: **1=lbs 2=CWT 4=bushels 23=50 lb. bags 5=other** _____	**Code**	1010	1042	1074
6. Row Width (*for row crops*)?	**Inches**	1011 . __	1043 . __	1075 . __
7. **Expected** yield/acre at planting (yield goal)?	**Number**	1012 . __	1044 . __	1076 . __
a. Unit: **1 = lbs 2 = CWT 3 = tons 4 = bushels 5 = other** _____	**Code**	1013	1045	1077
8. Type of tillage used? **1 = no till, strip till (direct seed) 2 = ridge till 3 = mulch till 4 = conventional till**	**Code**	1014	1046	1078
9. Acres harvested?	**Acres**	1015 . __	1047 . __	1079 . __
a. Date harvested?	**Date**	1016 __ __ __ __ __ __	1048 __ __ __ __ __ __	1080 __ __ __ __ __ __
10. **Actual** yield at harvest/acre? (*Estimated yield if not yet harvested.*)	**Number**	1017 . __	1049 . __	1081 . __
a. Unit: **1 = lbs 2 = CWT 3 = tons 4 = bushels 5=other** _____	**Code**	1018	1050	1082
11. Acres abandoned?	**Acres**	1019 . __	1051 . __	1083 . __
12. Was straw or stubble harvested? If **YES** enter 1, and continue. If **NO**, enter 3, and go to 13.	**YES=1**	1020	1052	1084
a. How many acres were harvested for straw or stubble?	**Acres**	1021 . __	1053 . __	1085 . __
b. What was the remaining stubble height after harvest?	**Inches**	1022 . __	1054 . __	1086 . __
13. Was the field grazed? If **YES** continue. If **NO**, go to 17.	**YES=1**	1023	1055	1087
14. What type of livestock grazed the field (primarily)? **1 = Cattle 2 = Sheep 3 = Other (specify:_____)**	**Code**	1024	1056	1088
15. Regardless of ownership, how many head of ____ grazed this field **BEFORE** harvest?	**# of Head**	1025	1057	1089
a. How many **total** days was the field grazed **BEFORE** harvest?	**# of Days**	1026	1058	1090
16. Regardless of ownership, how many head of ____ grazed this field **AFTER** harvest?	**# of Head**	1027	1059	1091
a. How many **total** days was the field grazed **AFTER** harvest?	**# of Days**	1028	1060	1092
17. Was this crop irrigated? If **YES** then continue. **If NO, go to page 8, 2003 crops.**	**YES=1**	1029	1061	1093
18. What was the total amount of water applied?* If unknown, ask 18a and 18b.	**Number**	1030	1062	1094
Unit: **1 = Inches per acre 2 = Total acre feet** (for the field)	**Code**	1031	1063	1095
a. **Total** number of **hours** the irrigation system was used to apply water during the growing season?	**Total Hours**	1032	1064	1096
b. How many gallons per minute were applied, on average?	**Number**	1033	1065	1097
19. What method was used to schedule timing and quantity of irrigation? ***Show respondent booklet for codes.***	**Code**	1034	1066	1098
20. Did a preplant irrigation occur?	**YES=1**	1035	1067	1099
21. What was the total number of times this entire field was irrigated during the growing season?	**Number**	1036	1068	1100

*Include preplant irrigation. Exclude irrigation for climate control (frost or cooling) and salinity management.

2004 EDIT CROPPING TABLE
1004

C CROPPING HISTORY & CONSERVATION PRACTICES -- SELECTED FIELD C

Let's continue with the 2003 crop year. What was the:		2003	2003	2003
Crop(s) planted or Land Use _____.	Crop			
1. Crop(s) planted or Land Use Code. ***See Respondent Booklet for codes.***	Code	1101	1133	1165
2. Intended Use of Crop(s)? **1 = Dual use 3 = Grazing Only 5 = Other 2 = Hvst grain 4 = Cover Crop Specify_____**	Code	1102	1134	1166
3. Acres Planted?	Acres	1103 . __	1135 . __	1167 . __
4. Date planted?	Date	1104 __ __ __ __ __ __	1136 __ __ __ __ __ __	1168 __ __ __ __ __ __
5. Seeding Rate/Acre?	Number	1105 . __	1137 . __	1169 . __
a. Unit: **1=lbs 2=CWT 4=bushels 23=50 lb. bags 5=other** _____	Code	1106	1138	1170
6. Row Width (*for row crops*)?	Inches	1107 . __	1139 . __	1171 . __
7. **Expected** yield/acre at planting (yield goal)?	Number	1108 . __	1140 . __	1172 . __
a. Unit: **1 = lbs 2 = CWT 3 = tons 4 = bushels 5 = other** _____	Code	1109	1141	1173
8. Type of tillage used? **1 = no till, strip till (direct seed) 2 = ridge till 3 = mulch till 4 = conventional till**	Code	1110	1142	1174
9. Acres harvested?	Acres	1111 . __	1143 . __	1175 . __
a. Date harvested?	Date	1112 __ __ __ __ __ __	1144 __ __ __ __ __ __	1176 __ __ __ __ __ __
10. **Actual** yield at harvest/acre?	Number	1113 . __	1145 . __	1177 . __
a. Unit: **1 = lbs 2 = CWT 3 = tons 4 = bushels 5 = other** _____	Code	1114	1146	1178
11. Acres abandoned?	Acres	1115 . __	1147 . __	1179 . __
12. Was straw or stubble harvested? If **YES** enter 1, and continue. If **NO**, enter 3, and go to 13.	YES=1	1116	1148	1180
a. How many acres were harvested for straw or stubble?	Acres	1117 . __	1149 . __	1181 . __
b. What was the remaining stubble height after harvest?	Inches	1118 . __	1150 . __	1182 . __
13. Was the field grazed? If **YES** continue. If **NO**, go to 17.	YES=1	1119	1151	1183
14. What type of livestock grazed the field (primarily)? **1 = Cattle 2 = Sheep 3 = Other (specify:_____)**	Code	1120	1152	1184
15. Regardless of ownership, how many head of ____ grazed this field **BEFORE** harvest?	# of Head	1121	1153	1185
a. How many **total** days was the field grazed **BEFORE** harvest?	# of Days	1122	1154	1186
16. Regardless of ownership, how many head of ____ grazed this field **AFTER** harvest?	# of Head	1123	1155	1187
a. How many **total** days was the field grazed **AFTER** harvest?	# of Days	1124	1156	1188
17. Was this crop irrigated? If **YES** then continue. **If NO, go to page 9, 2002 crops.**	YES=1	1125	1157	1189
18. What was the total amount of water applied?* If unknown, ask 18a and 18b.	Number	1126	1158	1190
Unit: **1 = Inches per acre 2 = Total acre feet** (for the field)	Code	1127	1159	1191
a. **Total** number of **hours** the irrigation system was used to apply water during the growing season?	Total Hours	1128	1160	1192
b. How many gallons per minute were applied, on average?	Number	1129	1161	1193
19. What method was used to schedule timing and quantity of irrigation? ***Show respondent booklet for codes.***	Code	1130	1162	1194
20. Did a preplant irrigation occur?	YES=1	1131	1163	1195
21. What was the total number of times this entire field was irrigated during the growing season?	Number	1132	1164	1196

*Include preplant irrigation. Exclude irrigation for climate control (frost or cooling) and salinity management.

2003 EDIT CROPPING TABLE
1003

C CROPPING HISTORY & CONSERVATION PRACTICES -- SELECTED FIELD C

Let's finish up with the 2002 crop year. What was the:		2002	2002	2002
Crop(s) planted or Land Use _____.	Crop			
1. Crop(s) planted or Land Use Code. ***See Respondent Booklet for codes.***	Code	1197	1229	1261
2. Intended Use of Crop(s)? **1 = Dual use 3 = Grazing Only 5 = Other 2 = Hvst grain 4 = Cover Crop Specify_____**	Code	1198	1230	1262
3. Acres Planted?	Acres	1199 . __	1231 . __	1263 . __
4. Date planted?	Date	1200 __ __ __ __ __ __	1232 __ __ __ __ __ __	1264 __ __ __ __ __ __
5. Seeding Rate/Acre?	Number	1201 . __	1233 . __	1265 . __
a. Unit: **1=lbs 2=CWT 4=bushels 23=50 lb. bags 5=other** _____	Code	1202	1234	1266
6. Row Width (*for row crops*)?	Inches	1203 . __	1235 . __	1267 . __
7. **Expected** yield/acre at planting (yield goal)?	Number	1204 . __	1236 . __	1268 . __
a. Unit: **1 = lbs 2 = CWT 3 = tons 4 = bushels 5 = other** _____	Code	1205	1237	1269
8. Type of tillage used? **1 = no till, strip till (direct seed) 2 = ridge till 3 = mulch till 4 = conventional till**	Code	1206	1238	1270
9. Acres harvested?	Acres	1207 . __	1239 . __	1271 . __
a. Date harvested?	Date	1208 __ __ __ __ __ __	1240 __ __ __ __ __ __	1272 __ __ __ __ __ __
10. **Actual** yield at harvest/acre?	Number	1209 . __	1241 . __	1273 . __
a. Unit: **1 = lbs 2 = CWT 3 = tons 4 = bushels 5 = other** _____	Code	1210	1242	1274
11. Acres abandoned?	Acres	1211 . __	1243 . __	1275 . __
12. Was straw or stubble harvested? If **YES** enter 1, and continue. If **NO**, enter 3, and go to 13.	YES=1	1212	1244	1276
a. How many acres were harvested?	Acres	1213 . __	1245 . __	1277 . __
b. What was the remaining stubble height after harvest?	Inches	1214 . __	1246 . __	1278 . __
13. Was the field grazed? If **YES** continue. If **NO**, go to 17.	YES=1	1215	1247	1279
14. What type of livestock grazed the field (primarily)? **1 = Cattle 2 = Sheep 3 = Other (specify:_____)**	Code	1216	1248	1280
15. Regardless of ownership, how many head of ____ grazed this field **BEFORE** harvest?	# of Head	1217	1249	1281
a. How many **total** days was the field grazed **BEFORE** harvest?	# of Days	1218	1250	1282
16. Regardless of ownership, how many head of ____ grazed this field **AFTER** harvest?	# of Head	1219	1251	1283
a. How many **total** days was the field grazed **AFTER** harvest?	# of Days	1220	1252	1284
17. Was this crop irrigated? If **YES** then continue. **If NO, go to page 10 and continue.**	YES=1	1221	1253	1285
18. What was the total amount of water applied?* If unknown, ask 18a and 18b.	Number	1222	1254	1286
Unit: **1 = Inches per acre 2 = Total acre feet** (for the field)	Code	1223	1255	1287
a. **Total** number of **hours** the irrigation system was used to apply water during the growing season?	Total Hours	1224	1256	1288
b. How many gallons per minute were applied, on average?	Number	1225	1257	1289
19. What method was used to schedule timing and quantity of irrigation? ***Show respondent booklet for codes.***	Code	1226	1258	1290
20. Did a preplant irrigation occur?	YES=1	1227	1259	1291
21. What was the total number of times this entire field was irrigated during the growing season?	Number	1228	1260	1292

*Include preplant irrigation. Exclude irrigation for climate control (frost or cooling) and salinity management.

2002 EDIT CROPPING TABLE
1002

C CROPPING HISTORY & CONSERVATION PRACTICES -- SELECTED FIELD C

2. [If Item C 1.8=4, conventional tillage, ask–] **why didn't you use other types of tillage options?** (*Mark up to 3 that apply for each year*) . . . . . .

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*: _____
8	Not applicable

	2004	2003	2002
	1293	1304	1315
	1294	1305	1316
	1295	1306	1317

3. **During crop year 2004, 2003 or 2002--**

	2004	2003	2002
a. **Was variable rate technology (VRT) used for seeding on this field?** . **YES=1**	1296	1307	1318
b. **Was there (will there be) a yield monitor on the equipment used to harvest this field?** . . . . . **YES=1**	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? . . . . . **YES=1**	1298	1309	1320
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.)?** . . . . . **YES=1**	1299	1310	1321
[*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? . . . . . **YES=1**	1300	1311	1322
(2) Was a map (*or will a map be*) produced based on a machine that measured electrical conductivity of the soil (*e.g. Veris machine*)? . . . . . **YES=1**	1301	1312	1323
4. **Did you practice contour farming on this field?** . . . . . **YES=1**	1302	1313	1324
5. **Did you practice strip cropping on this field?** . . . . . **YES=1**	1303	1314	1325

6. **Is there currently gully erosion on this field?** . . . . . **YES=1** 1326

7. **Is this field adjacent to a water body, intermittent stream or wetland?** . . . **YES=1** 1327

8. **In 2004, did this field have any of the following conservation practices?**
[*May or may not be included in the conservation plan.*]

	ACRES		ACRES
a. Terraces?	1328 • ___	f. Stream side herbaceous buffer? . . .	1334 • ___
(1) Were these terraces-- 1=primarily grassland? 2=primarily cropped? **CODE**	1329	g. Windbreak or herbaceous wind barrier?	1335 • ___
		h. Contour buffers (in-field)?	1336 • ___
b. Grassed waterways?	1330 • ___	i. Field borders?	1337 • ___
c. Vegetative buffers (in-field)?	1331 • ___	j Filter strips?	1338 • ___
d. Hedgerow plantings?	1332 • ___	k. Critical area planting?	1339 • ___
e. Stream side forest buffer? . .	1333 • ___	l. Grade stabilization structure?	1340 • ___

C CROPPING HISTORY & CONSERVATION PRACTICES -- SELECTED FIELD C

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?**

		CODE
☐	**YES** -[*Enter code 1 and continue.*]	1343
☐	**NO** - [*Enter 3 and go to Item 12.*]	

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.*]

Enter the crop name and crop code for the crops in rotation *(only use as many years as are in the rotation scheme)*	**Crop(s)**	**Crop Code**	**Crop Code**	**Crop Code**
1st year of rotation		1344	1351	1358
2nd year of rotation		1345	1352	1359
3rd year of rotation		1346	1353	1360
4th year of rotation		1347	1354	1361
5th year of rotation		1348	1355	1362
6th year of rotation		1349	1356	1363
7th year of rotation		1350	1357	1364

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

C CROPPING HISTORY & CONSERVATION PRACTICES -- SELECTED FIELD C

12. **Was a soil test performed on this field within the past 5 years to determine crop nutrient application needs?**

		CODE
☐	**YES** -[*Enter code 1 and continue.*]	1374
☐	**NO** - [*Enter code 3 and go to Section D.*]	

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

D PESTICIDE APPLICATIONS--SELECTED FIELD D

CODE

1. **Were any herbicides, insecticides, fungicides or other chemicals applied to this field for the 2004, 2003 and/or 2002 crop?.** . . . . . **YES = 1** | 0315 |

[*If no pesticides applied, go to Section E.*]

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?
9	None
10	Other *Specify*: _____

5. **In 2004, 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
6	None
7	Other *Specify:* _____

a. **Other than cost and product effectiveness, identify the 2 most important factors that determined which pesticide to use in 2004** . . . . . .

PRIMARY CODE

0320

SECONDARY CODE

0321

D PESTICIDE APPLICATIONS--SELECTED FIELD D

8a. **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 respectively.*]

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

Include *biological and botanical pesticides.*

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

	T-TYPE	TABLE
	3	001
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 [*Enter crop code from Respondent Booklet.*]	4 What products were applied to this field? [*Show product codes from Respondent Booklet.*]	5 Was this product bought in liquid or dry form? [*Enter L or D.*]	6 Was this part of a tank mix? [*If tank mix, enter line number of first product in mix.*]
				0304	0305		0306
	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					

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

LINE	Pesticide Type (*Herbicide, Insecticide, Fungicide, etc.*)	EPA No. or Tradename and Formulation	Form Purchased (Liquid or Dry)	Where Purchased [*Ask only if EPA No. cannot be reported.*]

D PESTICIDE APPLICATIONS--SELECTED FIELD D

APPLICATION CODES FOR COLUMN 11

4 Seed Furrow
5 Chemigation (in irrigation water)
6 Chisel/Injected or knifed in
8 Direct spray, foliar
10 Seed Treatment by producer prior to planting
11 Broadcast, ground, not incorporated
12 Broadcast, ground, w/ hood, not incorporated
13 Broadcast, ground, foliar
21 Broadcast, ground, incorporated
22 Broadcast, ground, w/ hood, incorporated
31 Broadcast, aerial
32 Broadcast, aerial, foliar
71 Banded/Side-dressed
72 Banded/Side-dressed, w/ hood
73 Banded/Side-dressed, foliar
76 T-Banded (Combo of banded and injected)

SPOT TREATMENTS: **[*If Column 11 = 91, 92, or 93 (spot treatment), then Column 8 and 12 must be blank.*]**
91 Spot treatment
92 Spot treatment, w/ hood
93 Spot treatment, foliar

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

EDIT PESTICIDE TABLE 2004
0344

D PESTICIDE APPLICATIONS--SELECTED FIELD D

8b. **Including both custom applications and applications made by this operation, let's list all the chemicals used on this field for the 2003 crop(s).**

[*Probe for applications made in the fall of 2002 (and those made earlier if this field was fallow) for the 2003 crop year respectively.*]

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

Include *biological and botanical pesticides.*

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

	T-TYPE	TABLE
	3	002
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 [*Enter crop code from Respondent Booklet.*]	4 What products were applied to this field? [*Show product codes from Respondent Booklet.*]	5 Was this product bought in liquid or dry form? [*Enter L or D.*]	6 Was this part of a tank mix? [*If tank mix, enter line number of first product in mix.*]
				0304	0305		0306
	01	03		0304	0305		0306
	02	03		0304	0305		0306
	03	03		0304	0305		0306
	04	03		0304	0305		0306
	05	03		0304	0305		0306
	06	03		0304	0305		0306
	07	03		0304	0305		0306
	08	03		0304	0305		0306
	09	03		0304	0305		0306
	10	03		0304	0305		0306
	11	03		0304	0305		0306
	12	03		0304	0305		0306
	13	03		0304	0305		0306
	14	03					

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

LINE	Pesticide Type (*Herbicide, Insecticide, Fungicide, etc.*)	EPA No. or Tradename and Formulation	Form Purchased (Liquid or Dry)	Where Purchased [*Ask only if EPA No. cannot be reported.*]

D PESTICIDE APPLICATIONS--SELECTED FIELD D

APPLICATION CODES FOR COLUMN 11

4 Seed Furrow
5 Chemigation (in irrigation water)
6 Chisel/Injected or knifed in
8 Direct spray, foliar
10 Seed Treatment by producer prior to planting
11 Broadcast, ground, not incorporated
12 Broadcast, ground, w/ hood, not incorporated
13 Broadcast, ground, foliar
21 Broadcast, ground, incorporated
22 Broadcast, ground, w/ hood, incorporated
31 Broadcast, aerial
32 Broadcast, aerial, foliar
71 Banded/Side-dressed
72 Banded/Side-dressed, w/ hood
73 Banded/Side-dressed, foliar
76 T-Banded (Combo of banded and injected)

SPOT TREATMENTS: **[*If Column 11 = 91, 92, or 93 (spot treatment), then Column 8 and 12 must be blank.*]**
91 Spot treatment
92 Spot treatment, w/ hood
93 Spot treatment, foliar

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

EDIT PESTICIDE TABLE 2003
0343

D PESTICIDE APPLICATIONS--SELECTED FIELD D

8c. **Including both custom applications and applications made by this operation, let's list all the chemicals used on this field for the 2002 crop(s).**

[*Probe for applications made in the fall of 2001 (and those made earlier if this field was fallow) for the 2002 crop year respectively.*]

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

Include *biological and botanical pesticides.*

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

	T-TYPE 3	TABLE 003
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 [*Enter crop code from Respondent Booklet.*]	4 What products were applied to this field? [*Show product codes from Respondent Booklet.*]	5 Was this product bought in liquid or dry form? [*Enter L or D.*]	6 Was this part of a tank mix? [*If tank mix, enter line number of first product in mix.*]
				0304	0305		0306
	01	02		0304	0305		0306
	02	02		0304	0305		0306
	03	02		0304	0305		0306
	04	02		0304	0305		0306
	05	02		0304	0305		0306
	06	02		0304	0305		0306
	07	02		0304	0305		0306
	08	02		0304	0305		0306
	09	02		0304	0305		0306
	10	02		0304	0305		0306
	11	02		0304	0305		0306
	12	02		0304	0305		0306
	13	02		0304	0305		0306
	14	02					

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

LINE	Pesticide Type (*Herbicide, Insecticide, Fungicide, etc.*)	EPA No. or Tradename and Formulation	Form Purchased (Liquid or Dry)	Where Purchased [*Ask only if EPA No. cannot be reported.*]

D PESTICIDE APPLICATIONS--SELECTED FIELD D

APPLICATION CODES FOR COLUMN 11

4 Seed Furrow
5 Chemigation (in irrigation water)
6 Chisel/Injected or knifed in
8 Direct spray, foliar
10 Seed Treatment by producer prior to planting
11 Broadcast, ground, not incorporated
12 Broadcast, ground, w/ hood, not incorporated
13 Broadcast, ground, foliar
21 Broadcast, ground, incorporated
22 Broadcast, ground, w/ hood, incorporated
31 Broadcast, aerial
32 Broadcast, aerial, foliar
71 Banded/Side-dressed
72 Banded/Side-dressed, w/ hood
73 Banded/Side-dressed, foliar
76 T-Banded (Combo of banded and injected)

SPOT TREATMENTS: **[*If Column 11 = 91, 92, or 93 (spot treatment), then Column 8 and 12 must be blank.*]**
91 Spot treatment
92 Spot treatment, w/ hood
93 Spot treatment, foliar

LINE	7 When was it applied? MMDDYY	8 OR 9 How much was applied per acre per application? / What was the total amount applied per application in this field?	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
	0307	0308 / 0309	0310	0311	0312
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	__ __ __ __ __ __	•___ ___ / •___ ___			•___

EDIT PESTICIDE TABLE 2002

0342

D PESTICIDE APPLICATIONS--SELECTED FIELD D

NOTES AND COMMENTS:

E PEST MANAGEMENT PRACTICES--SELECTED FIELD E

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 2004 crop year. By pests, we mean insects, weeds, and plant diseases.

1. **During 2004, how was this field primarily scouted for pests and/or beneficial organisms?** . . . . . .

1 By conducting general observations while performing routine tasks. [*Enter Code 1 and go to* ***Item 4***]

2 By deliberately going to the field specifically for scouting activities. [*Enter Code 2 and go to* ***Item 2***]

3 This field was not scouted for pests. [*Enter Code 3 and go to* ***Item 7***]

. . . . . CODE 1701

2. **Was an established scouting process used** (systematic sampling, recording counts, etc.) **or were insect traps used in this field?** . . . . . **YES = 1** 1702

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

a. a pest development model? . . . . . **YES = 1** 1703

b. a pest advisory warning? . . . . . **YES = 1** 1704

4. **Was this field scouted for--**

	1 YES=1	2 [*If* **YES**, *ask*--] **Who did the majority of the scouting for** [*column 1*]-- CODE
a. weeds?	1705	1709
b. insects or mites?	1706	1710
c. diseases?	1707	1711
d. other? (Specify _____)	1708	1712

1 Operator, partner or family member?
2 An employee?
3 Farm supply or chemical dealer?
4 Independent crop consultant or commercial scout?

5. **Were written or electronic records kept for this field to track the activity or numbers of weeds, insects or diseases?** . . . . . **YES = 1** 1713

6. **Were scouting data compared to published information on thresholds to determine when to take measures to manage pests in this field?** . . . . . **YES = 1** 1714

E PEST MANAGEMENT PRACTICES--SELECTED FIELD E

7. **Were field mapping data used for making pest management decisions on this field?** . . . . . **YES = 1** | 1715

8. **Were the services of a diagnostic laboratory used for pest identification, or soil or plant tissue pest analysis for this field?** . . . . . **YES = 1** | 1716

9. **Did you conduct any of the following activities for the crops grown in 2004 SPECIFICALLY for the purpose of managing pests or reducing the spread of pests?**

		YES = 1
a.	Plowed down crop residues (using conventional tillage)	1717
b.	Rotated crops in this field during the past 3 years	1718
c.	Maintained ground covers, mulches, or other physical barriers	1719
d.	Used no-till or minimum till	1720
e.	Adjusted spacing, plant density, or row directions	1721
f.	Released beneficial organisms (insects, nematodes, fungi) in the field	1722
g.	Chopped, sprayed, mowed, plowed, or burned field edges, lanes, ditches, roadways or fence lines	1723
h.	Grow a trap crop	1724
i.	Cleaned equipment and field implements after completing field work	1725
j.	Removed crop residue from the field	1726
k.	Cultivated 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** | 1728

11. **Were planting locations planned to avoid infestation of pests?** . . . . . **YES = 1** | 1729

12. **Were planting or harvesting dates adjusted for this field to manage pests?** . . . . . **YES = 1** | 1730

13. **Were weather data used to assist in determining either the 'need for' or 'when to' apply a pest management practice?** . . . . . **YES = 1** | 1731

14. **Were water management practices** (such as irrigation scheduling, controlled drainage treatment of retention water, or irrigation application methods which maximize plant tissue dryness) **used on this field to manage pests?** . . . . . **YES = 1** | 1732

E PEST MANAGEMENT PRACTICES--SELECTED FIELD E

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

Which outside sources of information on pest management practices and products were used for 2004? [*Check all that apply.*]

PEST MANAGEMENT INFORMATION SOURCES CODE LIST	YES=1
(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 **outside** information source. [If Code (10) = 1, Go to Item 17.]*	1742

[*If Only One Source Code, 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

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

F COMMERCIAL FERTILIZER APPLICATIONS --- SELECTED FIELD F

1. **Were commercial FERTILIZERS applied to this field for the 2004, 2003 or 2002 crop?**

		CODE
☐	**YES -** [*Enter code 1 and continue.*]	
☐	**NO -** [*Enter code 3 and go to Section G.*]	0221

[*Probe for applications made in the fall of 2001, 2002 and 2003 (and those made earlier if this field was fallow) for the 2002, 2003, and 2004 crop year respectively.*]

2. **Did you use any product to slow the breakdown of nitrogen on this field?** 0222
(For example a nitrification inhibitor such as N-Serve or a urease inhibitor such as Agrotain) . . . . . **YES = 1**

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

CHECK LIST

INCLUDE	EXCLUDE
☐ Custom applied fertilizers	☐ Micronutrients
☐ Commercially prepared manure	☐ Unprocessed manure
	☐ Lime, Gypsum & Sulfur

	T-TYPE	TABLE
	2	001
LINE 99	OFFICE USE LINES IN TABLE	0220

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 [*If N in Column 4 is positive ask*] Was the nitrogen applied in ammonia or ammonium form?		6 What quantity was applied per acre? [*Leave this column blank if actual nutrients were reported.*]
				Nitrogen as **N**	Phosphorus as P_2O_5	Potassium as K_2O	YES=1	**N** Percent	
01	0203 ___ ___		0204	0205	0206	0207	0213	0214	0208
02	0203 ___ ___		0204	0205	0206	0207	0213	0214	0208
03	0203 ___ ___		0204	0205	0206	0207	0213	0214	0208
04	0203 ___ ___		0204	0205	0206	0207	0213	0214	0208
05	0203 ___ ___		0204	0205	0206	0207	0213	0214	0208
06	0203 ___ ___		0204	0205	0206	0207	0213	0214	0208
07	0203 ___ ___		0204	0205	0206	0207	0213	0214	0208
08	0203 ___ ___		0204	0205	0206	0207	0213	0214	0208

F COMMERCIAL FERTILIZER APPLICATIONS --- SELECTED FIELD F

APPLICATION CODES FOR COLUMN 9

1 Broadcast, ground without incorporation
2 Broadcast, ground with incorporation
3 Broadcast, by air (aerial application)
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

MANURE SOURCE CODES FOR COLUMN 13

1 Beef cattle
2 Dairy cattle
3 Hogs
4 Sheep
5 Poultry
6 Equine
7 Biosolids
8 Other
9 Don't Know

LINE	7 [*Enter material code.*] 1 Pounds 12 Gallons 15 Tons 19 Pounds of actual nutrients	8 **When was this applied?** **MMDDYY**	9 **How was this applied?** [*Enter code from box above.*]	10 **How many acres were treated in this application?** **ACRES**	11 **Was variable rate technology (VRT) used?** [*Include "on-the-go" sensing.*] **YES=1**	12 **Was the fertilizer applied commercially prepared manure?** [***If Yes, answer col 6 & 7***] **YES=1**	13 ***Ask ONLY if Column 12=1*** **What was the source of the manure?** [*Enter code from box above.*]	14 ***Ask ONLY if Column 12=1*** **Was bedding material included in the manure?** 1 YES 2 DON'T KNOW 3 NO	15 ***Ask ONLY if Column 12=1*** **Was the manure composted before application?** 1 YES 2 DON"T KNOW 3 NO
	0209	0210	0211	0212	0215	0216	0217	0218	0219
01		— — — — — —		•____					
	0209	0210	0211	0212	0215	0216	0217	0218	0219
02		— — — — — —		•____					
	0209	0210	0211	0212	0215	0216	0217	0218	0219
03		— — — — — —		•____					
	0209	0210	0211	0212	0215	0216	0217	0218	0219
04		— — — — — —		•____					
	0209	0210	0211	0212	0215	0216	0217	0218	0219
05		— — — — — —		•____					
	0209	0210	0211	0212	0215	0216	0217	0218	0219
06		— — — — — —		•____					
	0209	0210	0211	0212	0215	0216	0217	0218	0219
07		— — — — — —		•____					
	0209	0210	0211	0212	0215	0216	0217	0218	0219
08		— — — — — —		•____					

EDIT FERTILIZER TABLE

2004	2003	2002
0234	0233	0232

G MANURE APPLICATIONS - SELECTED FIELD G

T-TYPE	TABLE	LINE
0	000	00

1. **Was manure applied to this field for the 2004, 2003 or 2002 crop year?**
Manure applications include effluents from waste lagoons, waste holding ponds, and waste runoff storage ponds. (***Exclude*** *commercially prepared manure if included in Section F.*)

[Probe for applications made in the fall of 2001, 2002 and 2003 (and those made earlier if this field was fallow) for the 2002, 2003, and 2004 crop year respectively.]

CODE

☐ **YES** - [*Enter code 1 and continue.*]
☐ **NO** - [*Enter code 3 and go to Section H.*] 0418

	T-TYPE	TABLE
	4	001
LINE 99	OFFICE USE LINES IN TABLE	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 Where was the manure produced? (1 On this operation; 2 Purchased; 3 Obtained at no cost off this operation; 4 Obtained with compensation)	5 If Column 4=1, then ask-- How was the manure handled? (1 Solid; 2 Liquid; 3 Slurry)	6 MATERIALS USED [Enter percentage analysis or actual pounds of plant nutrients applied per acre.]	
			CODE	CODE	CODE	Nitrogen as N	Phosphorus as P_2O_5
	0403		0404	0407	0416	0405	0406
01	___ ___						
	0403		0404	0407	0416	0405	0406
02	___ ___						
	0403		0404	0407	0416	0405	0406
03	___ ___						
	0403		0404	0407	0416	0405	0406
04	___ ___						
	0403		0404	0407	0416	0405	0406
05	___ ___						
	0403		0404	0407	0416	0405	0406
06	___ ___						
	0403		0404	0407	0416	0405	0406
07	___ ___						
	0403		0404	0407	0416	0405	0406
08	___ ___						

G MANURE APPLICATIONS - SELECTED FIELD G

CODES FOR MANURE SOURCE COLUMN 9

1 Beef cattle
2 Dairy cattle
3 Hogs
4 Sheep
5 Poultry
6 Equine
7 Biosolids
8 Other
9 Don't Know

CODES FOR APPLICATION COLUMN 13

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	7 What quantity of manure was applied per acre?	8 Unit [*Enter material code*] 1 pounds 12 gallons 15 tons 19 pounds of actual nutrients	9 Major source of manure [*Enter code from box above.*]	10 Was bedding material included in the manure? 1 Yes 2 Don't Know 3 No	11 Was manure composted before application? 1 Yes 2 Don't Know 3 No	12 When was this applied? MMDDYY	13 How was this applied? [*Enter code from box above.*]	14 How many acres were treated in this application? ACRES
01	0408	0409	0413	0414	0415	0410 __ __ __ __ __ __	0411	0412 •____
02	0408	0409	0413	0414	0415	0410 __ __ __ __ __ __	0411	0412 •____
03	0408	0409	0413	0414	0415	0410 __ __ __ __ __ __	0411	0412 •____
04	0408	0409	0413	0414	0415	0410 __ __ __ __ __ __	0411	0412 •____
05	0408	0409	0413	0414	0415	0410 __ __ __ __ __ __	0411	0412 •____
06	0408	0409	0413	0414	0415	0410 __ __ __ __ __ __	0411	0412 •____
07	0408	0409	0413	0414	0415	0410 __ __ __ __ __ __	0411	0412 •____
08	0408	0409	0413	0414	0415	0410 __ __ __ __ __ __	0411	0412 •____

EDIT MANURE TABLE

2004	2003	2002
0454	0453	0452

G MANURE APPLICATIONS - SELECTED FIELD G

T-TYPE	TABLE	LINE
0	000	00

3. **Were the manure application rates to this field influenced by State or local restrictions or by your conservation plan, nutrient management plan (NMP) or your comprehensive nutrient management plan (CNMP)?** . . . . . YES=1 — 0419

[*If NO, go to Question 4, if YES, continue.*]

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?** . . . . . 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?**

CODE

☐ **YES** - [*Enter code 1 and continue.*] — 0425

☐ **NO** - [*Enter code 3 and go to Section H.*] . . . . .

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 manure applications produced on the operation?**

(use codes from box at right)

	Spring	Summer	Fall	Winter
Solid	0427	0428	0429	0430
Slurry	0431	0432	0433	0434
Liquid	0435	0436	0437	0438

. . . . . .

FREQUENCY
1 daily
2 weekly
3 monthly
4 quarterly
5 twice annually
6 annually

Enumerator Note: *Ask ONLY if irrigation was reported in Section C, Cropping History and Conservation Practices, line 17. If no irrigation was reported for any crop years in Section C, go to Section I.*

[*Items 1 and 3-8 on Version 2 only*]

2. **Now, I have some questions about the irrigation of this field for the 2004, 2003 and 2002 crops.**

a. What type of irrigation system(s) were used to irrigate this field?

[*Show **System Type Codes** in Respondent Booklet. If more than 1 system used, enter System Type Code for system covering the most field acres.*] . .

2004 SYSTEM TYPE CODE	2003 SYSTEM TYPE CODE	2002 SYSTEM TYPE CODE
1505	1506	1507

If an irrigation system used in 2a is a gravity system (code 10-19) continue; if NO, go to Item 12.

9. **What gravity irrigation system source was used?** . . . . . .

1 furrow
2 border
3 basin
4 contour levee
5 meadow or wild flood

. . . . . CODE

2004	2003	2002
1508	1509	1510

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

	2004	2003	2002
a. What was the length of the furrow in feet?	1511 •___	1512 •___	1513 •___
b. What was the furrow spacing in feet?	1514 •___	1515 •___	1516 •___

10. **Do some portions of the field appear to get more irrigation water than other parts?** . . . . . YES=1

2004	2003	2002
1517	1518	1519

11. **Do you use any water management practices to reduce irrigation water use or improve efficiency?** . . . . . YES=1

[If YES, then continue. Otherwise go to item 12.]

2004	2003	2002
1520	1521	1522

a. Did you apply PAM (poly-acrylamide) to your water delivery system? . . . . . YES=1

2004	2003	2002
1523	1524	1525

b. Has the slope of this field been adjusted to a specific grade, including zero slope? . . . . . YES = 1

2004	2003	2002
1526	1527	1528

[*If YES, continue, if NO, go to Item 12.*]

2004	2003	2002
1529	1530	1531

(1) Was laser leveling used? . . . . . YES = 1

(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:

_ _ _ _	_ _ _ _	_ _ _ _

H IRRIGATION --- SELECTED FIELD H

Enumerator Note: *If irrigation system in 2a is a pressure system (codes= 1-9), continue, else go to Item 14.*

YEAR

12. **When was your pressure system installed?** . . . . . 1534 ___ ___ ___ ___

13. **When was your pressure system last refurbished?** . . . . . 1535 ___ ___ ___ ___

14. **Is the runoff from this field primarily --**

			2004	2003	2002
1	retained at the end of the field with no re-use?				
2	retained at the end of the field and re-used to irrigate on the farm?				
3	collected in evaporation ponds on the farm?		1536	1537	1538
4	drained from the farm?	. . . . .			
5	there is no runoff.				

15. **Do you manage irrigation to address salinity problems in this field?** . . . . . **YES=1** 1539

COMPLETION CODE FOR IRRIGATION	2004	2003	2002
	1504	1503	1502

I FIELD OPERATIONS --- SELECTED FIELD I

3. **Including custom operations, I need to list field work performed by machines on this field for the 2004, 2003 and 2002 crop years.**

- Begin with the first field operation for the 2004 crop (after harvesting of 2003 crop).
- List the operations in order by crop year, through harvest.
- Maintain the order of tandem hook-ups.

a. **Let's start with the 2004 crops.**

CHECK LIST

Include all field work using machines for--

- ☐ Land Forming
- ☐ Tillage
- ☐ Preparing for Irrigation before seeding
- ☐ Planting
- ☐ Harvesting
- ☐ Residue Management

Exclude

- ☐ Lime, Gypsum & Sulfur applications
- ☐ Fertilizers, Manure & Pesticides applications
- ☐ Hauling

1 Crop Year	2 Sequence Number	3 What crop was associated with this operation?	4 What operation or equipment was used on this field?	5 [*Record machine code from Respondent Booklet.*]	6 What was the timing of the field operation?	7 What was the depth of tillage for tillage operations?
YEAR	NO.	CODE		CODE	MMDDYY	INCHES
2004	3005	3006		3007	3008 __ __ __ __ __ __	3009 •__
2004	3015	3016		3017	3018 __ __ __ __ __ __	3019 •__
2004	3025	3026		3027	3028 __ __ __ __ __ __	3029 •__
2004	3035	3036		3037	3038 __ __ __ __ __ __	3039 •__
2004	3045	3046		3047	3048 __ __ __ __ __ __	3049 •__
2004	3055	3056		3057	3058 __ __ __ __ __ __	3059 •__
2004	3065	3066		3067	3068 __ __ __ __ __ __	3069 •__
2004	3075	3076		3077	3078 __ __ __ __ __ __	3079 •__
2004	3085	3086		3087	3088 __ __ __ __ __ __	3089 •__
2004	3095	3096		3097	3098 __ __ __ __ __ __	3099 •__
2004	3105	3106		3107	3108 __ __ __ __ __ __	3109 •__
2004	3115	3116		3117	3118 __ __ __ __ __ __	3119 •__
2004	3125	3126		3127	3128 __ __ __ __ __ __	3129 •__
2004	3135	3136		3137	3138 __ __ __ __ __ __	3139 •__
2004	3145	3146		3147	3148 __ __ __ __ __ __	3149 •__

EDIT FIELD OPERATIONS TABLE 2004

3004

I FIELD OPERATIONS --- SELECTED FIELD I

WORKSHEET:

FIELD OPERATIONS --- SELECTED FIELD

b. Now let's continue with 2003 crop year.

- Begin with the first field operation for the 2003 crop (after harvesting of 2002 crop).

CHECK LIST

Include all field work using machines for--

- ☐ Land Forming
- ☐ Tillage
- ☐ Preparing for Irrigation before seeding
- ☐ Planting
- ☐ Harvesting
- ☐ Residue Management

Exclude

- ☐ Lime, Gypsum & Sulfur applications
- ☐ Fertilizers, Manure & Pesticides applications
- ☐ Hauling

1 Crop Year	2 Sequence Number	3 What crop was associated with this operation?	4 What operation or equipment was used on this field?	5 [*Record machine code from Respondent Booklet.*]	6 What was the timing of the field operation?	7 What was the depth of tillage for tillage operations?
YEAR	NO.	CODE		CODE	MMDDYY	INCHES
	3305	3306		3307	3308	3309
2003					__ __ __ __ __ __	•__
	3315	3316		3317	3318	3319
2003					__ __ __ __ __ __	•__
	3325	3326		3327	3328	3329
2003					__ __ __ __ __ __	•__
	3335	3336		3337	3338	3339
2003					__ __ __ __ __ __	•__
	3345	3346		3347	3348	3349
2003					__ __ __ __ __ __	•__
	3355	3356		3357	3358	3359
2003					__ __ __ __ __ __	•__
	3365	3366		3367	3368	3369
2003					__ __ __ __ __ __	•__
	3375	3376		3377	3378	3379
2003					__ __ __ __ __ __	•__
	3385	3386		3387	3388	3389
2003					__ __ __ __ __ __	•__
	3395	3396		3397	3398	3399
2003					__ __ __ __ __ __	•__
	3405	3406		3407	3408	3409
2003					__ __ __ __ __ __	•__
	3415	3416		3417	3418	3419
2003					__ __ __ __ __ __	•__
	3425	3426		3427	3428	3429
2003					__ __ __ __ __ __	•__
	3435	3436		3437	3438	3439
2003					__ __ __ __ __ __	•__
	3445	3446		3447	3448	3449
2003					__ __ __ __ __ __	•__

EDIT FIELD OPERATIONS TABLE 2003

3003

I FIELD OPERATIONS --- SELECTED FIELD I

WORKSHEET:

FIELD OPERATIONS --- SELECTED FIELD

c. Please answer the following for 2002 crop year.

- Begin with the first field operation for the 2002 crop (after harvesting of 2001 crop).

CHECK LIST

Include all field work using machines for--

- ☐ Land Forming
- ☐ Tillage
- ☐ Preparing for Irrigation before seeding
- ☐ Planting
- ☐ Harvesting
- ☐ Residue Management

Exclude

- ☐ Lime, Gypsum & Sulfur applications
- ☐ Fertilizers, Manure & Pesticides applications
- ☐ Hauling

1 Crop Year	2 Sequence Number	3 What crop was associated with this operation?	4 What operation or equipment was used on this field?	5 [*Record machine code from Respondent Booklet.*]	6 What was the timing of the field operation?	7 What was the depth of tillage for tillage operations?
YEAR	NO.	CODE		CODE	MMDDYY	INCHES
	3605	3606		3607	3608	3609
2002					__ __ __ __ __ __	•__
	3615	3616		3617	3618	3619
2002					__ __ __ __ __ __	•__
	3625	3626		3627	3628	3629
2002					__ __ __ __ __ __	•__
	3635	3636		3637	3638	3639
2002					__ __ __ __ __ __	•__
	3645	3646		3647	3648	3649
2002					__ __ __ __ __ __	•__
	3655	3656		3657	3658	3659
2002					__ __ __ __ __ __	•__
	3665	3666		3667	3668	3669
2002					__ __ __ __ __ __	•__
	3675	3676		3677	3678	3679
2002					__ __ __ __ __ __	•__
	3685	3686		3687	3688	3689
2002					__ __ __ __ __ __	•__
	3695	3696		3697	3698	3699
2002					__ __ __ __ __ __	•__
	3705	3706		3707	3708	3709
2002					__ __ __ __ __ __	•__
	3715	3716		3717	3718	3719
2002					__ __ __ __ __ __	•__
	3725	3726		3727	3728	3729
2002					__ __ __ __ __ __	•__
	3735	3736		3737	3738	3739
2002					__ __ __ __ __ __	•__
	3745	3746		3747	3748	3749
2002					__ __ __ __ __ __	•__

EDIT FIELD OPERATIONS TABLE 2002

3002

J WILDLIFE--SELECTED FIELD J

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

		CODE
☐ **YES** -	[*Enter **code 1** and indicate below which practices were installed or modified to enhance habitat.*]	1601
☐ **NO** -	[*Enter **code 3** and go to Item 4.*]	

Practices	YES=1 *Mark all that apply*	Practices	YES=1 *Mark all that apply*
Contour buffers	1602	Pasture improvement	1611
Critical area planting	1603	Stream side forest buffer	1612
Farm pond	1604	Stream side herbaceous buffer	1613
Field border	1605	Terraces	1614
Filter strip	1606	Wetland restoration	1615
Forest management	1607	Windbreak	1616
Grass, forage, legume buffers	1608	Other (specify:_____)	1617
Grassed waterways	1609	Other (specify:_____)	1618
Hedgerow plantings	1610	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.	Plant multiple grass, shrub or tree varieties to improve wildlife habitat?	**YES = 1**	1621
c.	Manage 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?**

		CODE
☐ **YES** -	[*Enter **code 1** and continue.*]	1624
☐ **NO** -	[*Enter **code 3** and go to Item 4.*]	

a. Have the species numbers increased or decreased?

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

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

	Very Desirable	Desirable	Neutral	Detrimental	Very Detrimental
☐ Coyotes YES=1	1649	1660	1671	1682	1693
☐ Deer YES=1	1650	1661	1672	1683	1694
☐ Ducks/geese YES=1	1651	1662	1673	1684	1695
☐ Fish YES=1	1652	1663	1674	1685	1696
☐ Hawks, owls YES=1	1653	1664	1675	1686	1697
☐ Pheasants YES=1	1654	1665	1676	1687	1698
☐ Prairie Chickens YES=1	1655	1666	1677	1688	1699
☐ Quail YES=1	1656	1667	1678	1689	1800
☐ Rabbits YES=1	1657	1668	1679	1690	1801
☐ Songbirds YES=1	1658	1669	1680	1691	1802
☐ Other (Specify:_____) YES=1	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

. . . . . 1804 **CODE**

6. **Select the one option that best describes your attitude toward wildlife in relation to your agricultural operation:** . . . . . 1805 **CODE**

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.

TOTAL ACRES IN THIS OPERATING ARRANGEMENT

Now I'm going to ask you a few general questions about your entire operation.
(*Include the farmstead, all cropland, pastureland, wasteland, wetland, woodland and government program land. Include land in other states.*)

1. **During the 2004 crop year, how many total acres did this operation--** ACRES

a.	own?	+	1901	. ____
b.	rent **FROM** others? (***Exclude*** *land used on an AUM basis.*)	+	1902	. ____
c.	rent **TO** others? (***Include*** *privately owned/rented land administered by a public agency through exchange-of-use.*)	-	1903	. ____

2. **Then the TOTAL acres in this operation including the farmstead, all cropland, pastureland, wasteland, wetland, woodland and government program land is-- [*total of 1a + 1b - 1c*]?** = 1904 . ____

   a. Have I accounted for the farmstead, all cropland, pastureland, wasteland, wetland, woodland and government program land in this operation?

   ☐ **YES** - [*Continue.*]

   ☐ **NO** - [*Make corrections, then continue.*]

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, Item 1 to columns 1 & 2 below and ask the following for each crop:*

   How many total acres of ___[*crop listed in column 1*]___ did you plant in 2004 on your entire operation?

1 Crop(s) in 2004 (Section C, Item 1)	2 Crop Code	3 Total Acres Planted in 2004
	1906	1909 . ____
	1907	1910 . ____
	1908	1911 . ____

L OPERATOR AND OPERATION CHARACTERISTICS L

1. **In 2004, was this operation's LEGAL STATUS--**

		CODE
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* _____)	1912

2. **In 2004, what was your (*the operator's*) major occupation?** . . . . . .

				CODE
1	Farm or ranch work	2	Hired farm manager	
3	Something else	4	Retired	1913

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

		CODE
1	Less than high school diploma	
2	High school diploma or equivalency (GED)	
3	Some college	
4	Completed 4 year degree (BA or BS)	
5	Graduate school	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 2003;

What code represents the total gross value of sales for this operation in 2003?

						CODE
☐ 99	$	None during 2003				
☐ 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	1916
☐ 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				

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

1	GRAINS, OILSEEDS and DRY BEANS	9	HOGS and PIGS
2	TOBACCO	10	MILK and OTHER DAIRY PRODUCTS FROM COWS
3	COTTON and COTTONSEED	11	CATTLE and CALVES
4	VEGETABLES, MELONS and POTATOES	12	SHEEP, GOATS, and THEIR PRODUCTS
5	FRUIT TREES, NUTS and BERRIES	13	HORSES, PONIES and MULES
6	NURSERY, GREENHOUSE, FLORICULTURE and SOD	14	POULTRY and EGGS
7	CUT CHRISTMAS TREES and SHORT WOODY CROPS	15	AQUACULTURE
8	OTHER CROPS and HAY, CRP and PASTURE	16	OTHER ANIMALS and OTHER ANIMAL PRODUCTS

CONCLUDE INTERVIEW and THANK the RESPONDENT

CONCLUSION

RECORDS USE

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

		CODE
a. [***fertilizer*** *data?*]	YES = 1	0026
b. [***pesticide*** *data?*]	YES = 1	0027
c. [***manure*** *data?*]	YES = 1	0028

2. [*Did the respondent use a Conservation Plan to complete Section B?*] . . . . . YES = 1 — CODE 0029

SUPPLEMENTS USED

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

	NUMBER
FERTILIZER APPLICATIONS	0030
PESTICIDE APPLICATIONS	
FIELD OPERATIONS	0032
MANURE APPLICATIONS	0033

RESPONDENT

1 OPERATOR/MANAGER/PARTNER
2 SPOUSE
3 ACCOUNTANT/BOOKKEEPER
4 OTHER
8 OFFICE HOLD
9 PARTNER

. . . . . CODE 0101

Respondent's name . . . . . _____

Phone . . . . . (_____) _____

ENDING TIME [*MILITARY*] . . . . . MILITARY TIME H H M M — 0005 ___ ___ ___ ___

OFFICE USE

TIME IN HOURS — 0006 .___

DATE: . . . . . MM DD YY — 0007 __ __ __ __ **04**

ENUMERATOR NAME _____ . . . . . ENUMERATOR ID — 0098

NRCS CONTACT _____ EVALUATION — 0100