



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

U.S. Department of Agriculture
Rm 5805, South Building
1400 Independence Avenue, S.W.
Washington, D.C. 20250-2000
202-720-7017

AGRICULTURAL RESOURCE MANAGEMENT STUDY
**CORN PRODUCTION
PRACTICES REPORT**
for 1998

Form Approved
O.M.B. Number 0535-0218
Approval Expires 9/30/99
Project Code 906
Phase II

VERSION 05	POID _ _ _ _ _	TRACT _ _	SUBTRACT _ _	T-TYPE 0	TABLE 000	LINE 00
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CONTACT RECORD		
DATE	TIME	NOTES

R CODES	
3 - COMP	0910
5 - OUT OF SCOPE	
8 - REF	
9 - INAC./INCOMPL.	
OPTIONAL	0002
OPTIONAL	0003

INTRODUCTION
[Introduce yourself, and ask for the operator. Rephrase in your own words.]

We are collecting information on practices to produce corn and need your help to make the information as accurate as possible. Authority for collection of information on the Corn Production Practices Report is Title 7, Section 2204 of the U.S. Code. This information will be used for economic analysis and to compile and publish estimates for your region and the United States. Response to this survey is confidential and voluntary.

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

BEGINNING TIME [MILITARY]

[Verify/update label.]

[ENUMERATOR NOTE:
If box code 1, complete
Screening Supplement.
If box is blank, begin Section A.]

SCREENING BOX

Office Use
Comp Code

**PARTNERS'
STRATUM
182**

<input type="text" value="0925"/>	<input type="text" value="0926"/>	<input type="text" value="0927"/>	<input type="text" value="0928"/>
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PARTNERS:	POID _ _ _ _ _	POID _ _ _ _ _
PARTNER NAME	PARTNER NAME	PARTNER NAME
ADDRESS	ADDRESS	ADDRESS
CITY STATE ZIP PHONE NUMBER	CITY STATE ZIP PHONE NUMBER	CITY STATE ZIP PHONE NUMBER
POID _ _ _ _ _	POID _ _ _ _ _	POID _ _ _ _ _
PARTNER NAME	PARTNER NAME	PARTNER NAME
ADDRESS	ADDRESS	ADDRESS
CITY STATE ZIP PHONE NUMBER	CITY STATE ZIP PHONE NUMBER	CITY STATE ZIP PHONE NUMBER

A CORN FIELD SELECTION

A

1. How many acres of corn did this operation plant for the 1998 crop year?

[> If no acres planted, review Phase I Information Form. Make notes, then go to item 3 of Conclusion, back page.

TOTAL
PLANTED ACRES

0024

3. I will follow a simple procedure to make a random selection from the corn fields planted for the 1998 crop.

What is the TOTAL number of corn fields that were planted on this operation?

TOTAL NUMBER
OF FIELDS

0029

[If only 1 field, go to item 5.]

4. Please list these fields according to identifying name/number or describe each field. Then I will tell you which field has been selected.

> (If there are more than 18 fields, list only the 18 fields closest to your permanent residence.)
> [If respondent is unable to identify or describe the fields, use a Field Selection Supplement.]

FIELD NAME, NUMBER OR DESCRIPTION

FIELD NAME, NUMBER OR DESCRIPTION

1 _____

10 _____

2 _____

11 _____

3 _____

12 _____

4 _____

13 _____

5 _____

14 _____

6 _____

15 _____

7 _____

16 _____

8 _____

17 _____

9 _____

18 _____

OFFICE USE

0031

A CORN FIELD SELECTION

A

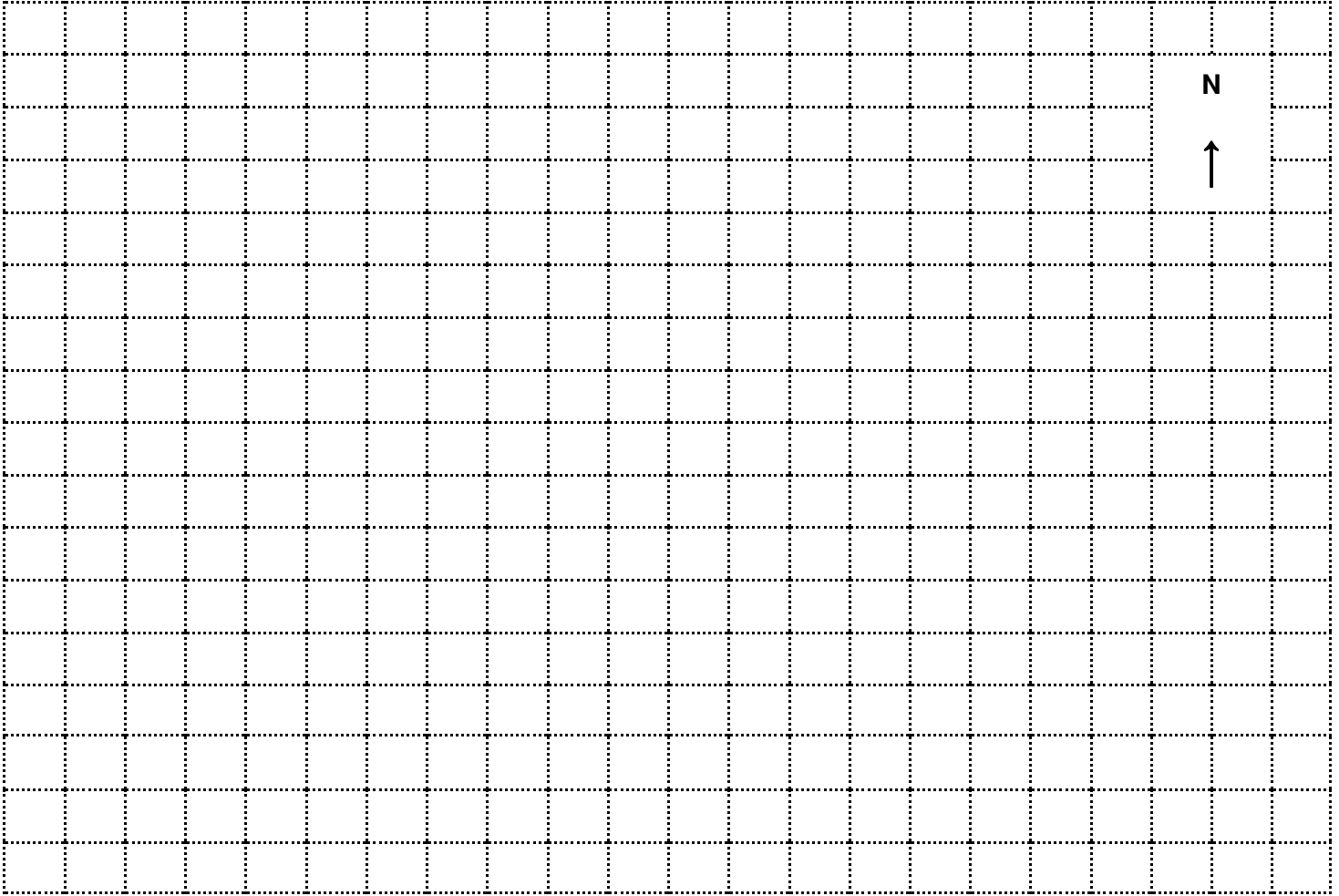
APPLY "RANDOM NUMBER" LABEL HERE

5. [ENUMERATOR ACTION: *Circle the pair of numbers on the above label associated with the last numbered field in item 4. Select the field according to the number you circled on the label, and record the selected number.*]

RECORD SELECTED NUMBER HERE

0030

6. The field selected is (*field name/number/description*).
During this interview, my questions will be about this selected corn field.
[Be sure the operator can identify the selected field.]



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

<p>1. How many acres of corn did this operation plant in the selected field in 1998?</p>	<p>ACRES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1001</td> <td style="text-align: right; padding: 2px;">. ____</td> </tr> </table>	1001	. ____						
1001	. ____								
<p>2. How many acres in this field were--</p> <p>a. owned by this operation?</p> <p>b. rented for CASH?</p> <p>c. SHARE rented?</p> <p>d. used RENT-FREE?</p>	<p>ACRES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1002</td> <td style="text-align: right; padding: 2px;">. ____</td> </tr> <tr> <td style="padding: 2px;">1003</td> <td style="text-align: right; padding: 2px;">. ____</td> </tr> <tr> <td style="padding: 2px;">1004</td> <td style="text-align: right; padding: 2px;">. ____</td> </tr> <tr> <td style="padding: 2px;">1005</td> <td style="text-align: right; padding: 2px;">. ____</td> </tr> </table>	1002	. ____	1003	. ____	1004	. ____	1005	. ____
1002	. ____								
1003	. ____								
1004	. ____								
1005	. ____								
<p>5. [If any acres in field RENTED, ask--]</p> <p>What year did you start renting this field?</p>	<p>YEAR</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1006</td> <td style="padding: 2px;">____</td> <td style="padding: 2px;">____</td> <td style="padding: 2px;">____</td> </tr> </table>	1006	____	____	____				
1006	____	____	____						
<p>a. Do you EXPECT to be renting this same field for the next 5 years (through the 2003 crop year)? YES = 1</p>	<p>CODE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1007</td> </tr> </table>	1007							
1007									
<p>10. On what date was this field planted?</p>	<p>MM DD YY</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1009</td> <td style="padding: 2px;">____</td> <td style="padding: 2px;">____</td> <td style="padding: 2px;">____</td> </tr> </table>	1009	____	____	____				
1009	____	____	____						
<p>11. What was the seeding rate per acre the first time this field was seeded?</p>	<p>UNIT CODE 1=POUNDS 2=CWT. 4=BUSHEL 25=KERNELS/SEEDS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1010</td> <td style="text-align: right; padding: 2px;">. ____</td> <td style="padding: 2px;">1011</td> </tr> </table>	1010	. ____	1011					
1010	. ____	1011							
<p>a. Was the corn seed--</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-left: 20px;"> <tr> <td style="padding: 2px;">1</td> <td style="padding: 2px;">Drilled?</td> </tr> <tr> <td style="padding: 2px;">2</td> <td style="padding: 2px;">Planted in conventional rows?</td> </tr> <tr> <td style="padding: 2px;">3</td> <td style="padding: 2px;">Broadcast on this field?</td> </tr> </table>	1	Drilled?	2	Planted in conventional rows?	3	Broadcast on this field?	<p>CODE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1012</td> </tr> </table>	1012	
1	Drilled?								
2	Planted in conventional rows?								
3	Broadcast on this field?								
1012									
<p>b. [If DRILLED or PLANTED, ask--]</p> <p>What was the row width in inches?</p>	<p>INCHES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">1013</td> <td style="text-align: right; padding: 2px;">. ____</td> </tr> </table>	1013	. ____						
1013	. ____								

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

16. Which type of corn seed variety was used--

a. in this field in 1998?

[Use Seed Type Code List.]CODE
1015

b. in this field in 1997?

*[Use Seed Type Code List.]**Leave blank if different commodity planted in 1997.]*CODE
1016**SEED TYPE - CORN**

- 1 Genetically modified **herbicide-resistant** seed variety
(For example, RoundUp Ready, Liberty Link, etc.)
- 2 NON-genetically modified **herbicide-resistant** seed variety
(For example, Contour, Resolve, Lightning, Poast or Headline - resistant variety, etc.)
- 3 **Bt** variety for insect resistance
(For example, YieldGard, NatureGard, Bt-Xtra, Maximizer, etc.)
- 4 Variety with **both** herbicide and insect resistance
(For example, RoundUp Ready plus YieldGard, etc.)
- 6 *DID NOT plant a resistant variety*

17. *[If used RESISTANT seed, ask--]***Seed varieties may offer several benefits.****Did you choose the resistant seed variety used on this field primarily to--**

- 1 Increase yields through improved pest (*weed, insect or disease*) control?
- 2 Decrease pesticide input costs?
- 3 Increase planting flexibility, (*for example, easier to rotate crops, reduce carryover, use reduced tillage or no-till systems, etc.*)?
- 4 Adopt more environmentally friendly practices?
- 5 For some other reason(s)?

CODE

1017

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

CODE

20. Has harvest of this field been completed? YES = 1

1018

21. Now I need information about the acres harvested (or to be harvested) and the yields from this corn field.

1		2		3
How many acres in the corn field were (will be)--		What yield per acre did you get (do you expect to get) for--		UNIT CODE
ACRES		UNITS PER ACRE		1=POUNDS 2=CWT 3=TONS 4=BUSHEL
a. harvested for grain?	1019	1020	1021	1021
b. harvested for silage or green chop?	1022	1023	1026	TONS
c. harvested for seed for planting?	1024	1025	1026	1026
d. abandoned?	1027			
e. other use?	1028			

**CROP CODE LIST for item 25
PREVIOUSLY PLANTED CROP was--**

1 Alfalfa hay 190 Barley 3 Dry Beans 85 Canola 310 Clover 6 Corn for grain 5 Corn for silage	281 Cotton, Upland 282 Cotton, Pima 302 CRP 311 Grasses other than clover 11 Hay, all other 94 Mustard 15 Oats	16 Peanuts 17 Dry Peas 20 Potatoes 21 Rice 22 Rye 98 Safflower 25 Sorghum for grain 24 Sorghum for silage	26 Soybeans 28 Sugarbeets 30 Sunflowers 142 Vegetables 163 Wheat, durum 164 Wheat, other spring 165 Wheat, winter 318 <i>No crop planted during this period</i>
--	--	--	--

25. Next I need to know what crops were previously PLANTED on this field, including cover crops.

1			2
What crop was PLANTED on this field in--			Was this crop irrigated on this field?
CROP NAME			YES=1
a. FALL of 1997?		1029	1030
b. SPRING/SUMMER of 1997? ..		1031	1032
c. FALL of 1996?		1033	1034
d. SPRING/SUMMER of 1996? ..		1035	1036
e. FALL of 1995?		1037	1038
f. SPRING/SUMMER of 1995? ..		1039	1040

26. [If most recent crop was SMALL GRAIN, (barley, oats, rye or wheat) ask--]

Was crop residue removed from this field by baling or removing straw, burning, etc.? YES = 1

CODE

1041

1	2	3
---	---	---

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

27. Did your land-use practices for this field include--	CODE	In what year were the (column 1)'s established in this field? YEAR	How much of the cost of building the (column 1)'s was paid directly by you? PERCENT
a. terraces? YES = 1	1042	1043 _____	1044 _____
b. temporary or permanent levees? . YES = 1	1045	1046 _____	1047 _____
c. grassed waterways? YES = 1	1048	1049 _____	1050 _____
d. contour farming? YES = 1	1051		
e. strip cropping? YES = 1	1052		
f. underground outlets such as tile drainage? YES = 1	1053		
g. other drainage channels or diversions? (Include water furrows) YES = 1	1054		

28. Has the Natural Resource Conservation Service or NRCS classified any part of this field as "Highly Erodible"? YES = 1 CODE
1055
29. Have you been notified by NRCS that this field contains a wetland? YES = 1 1056
30. Have you received assistance from NRCS in 1998 for planning or installation of conservation practices or systems on this field? YES = 1 1057
31. Have you received financial cost-sharing assistance from the Farm Service Agency (formerly ASCS) in 1998 for installation of conservation practices or systems on this field? YES = 1 1058

C FERTILIZER and NUTRIENT APPLICATIONS---SELECTED FIELD C

1. Were commercial FERTILIZERS applied to this field for the 1998 corn crop? [If none, go to item 5.] YES=1

CODE	EDIT TABLE
1059	0201

TTYPE	TABLE
2	001

CHECK LIST	
INCLUDE	EXCLUDE
Custom Applied Fertilizers	Micronutrients
Fertilizer applied in the fall of 1997 and those applied earlier if this field was fallow in 1997	Manure

LINE 99	OFFICE USE LINES IN TABLE	0213
---------	---------------------------	------

LINE	2 → → → MATERIALS USED [Enter percentage analysis or actual pounds of plant nutrients applied per acre.] [Show Common Fertilizers in Respondent Booklet.]			3 What quantity was applied per acre? [Leave this column blank if actual nutrients were reported.]	4 [Enter material unit code.] 1 Pounds 12 Gallons 19 Pounds of actual nutrients	5 When was this applied? 1 Before seeding (fall) 2 Before seeding (spring) 3 At seeding 4 After seeding	6 How was this applied? 1 Broadcast, ground without incorporation 2 Broadcast, ground with incorporation 3 Broadcast, by air 4 In seed furrow 5 In irrigation water 6 Chisel, injected or knifed in 7 Banded/sidedressed in or over row 8 Foliar or directed spray 9 Spot treatments	7 How many acres were treated in this application? ACRES
	N Nitrogen	P ₂ O ₅ Phosphate	K ₂ O Potash					
01	0205	0206	0207	0208	0209	0210	0211	0212 .__
02	0205	0206	0207	0208	0209	0210	0211	0212 .__
03	0205	0206	0207	0208	0209	0210	0211	0212 .__
04	0205	0206	0207	0208	0209	0210	0211	0212 .__
05	0205	0206	0207	0208	0209	0210	0211	0212 .__
06	0205	0206	0207	0208	0209	0210	0211	0212 .__
07	0205	0206	0207	0208	0209	0210	0211	0212 .__
08	0205	0206	0207	0208	0209	0210	0211	0212 .__

T-TYPE	TABLE	LINE
0	000	00

C FERTILIZER and NUTRIENT APPLICATIONS---SELECTED FIELD C

T-TYPE	TABLE	LINE
0	000	00

4. [If Nitrogen was applied, ask--]
Did you use any product to slow the breakdown of Nitrogen on this field?
 (For example a nitrification inhibitor such as N-Serve or urease inhibitor such as Agrotin) YES = 1

CODE
1060

5. Was a--
 a. **soil test** performed on this field in 1997 or 1998
 for the 1998 corn crop? YES = 1

CODE
1061

b. **plant tissue test** performed on this field in 1997 or 1998
 for the 1998 corn crop? YES = 1

CODE
1062

6. Was a Nitrogen soil test performed on this field?
 YES - [Enter code 1 and continue.] NO - [Go to item 7.]

CODE
1063

a. Was the amount of Nitrogen applied to this field--

1	More than the amount recommended?
2	Less than the amount recommended?
3	Exactly the amount recommended?

CODE
1064

7. Is lime ever applied to this field?
 YES - [Enter code 1 and continue.] NO - [Go to item 8.]

CODE
1065

a. On average, how many years are there between applications
 of **lime** to this field?

YEARS
1066

b. How many tons of **lime** were applied per acre
 the last time it was applied to this field?

TONS PER ACRE
1067

C FERTILIZER and NUTRIENT APPLICATIONS---SELECTED FIELD C

8. Was manure applied to this field for the 1998 corn crop?
 (Exclude commercially prepared manure.)

YES - [Enter code 1 and continue.] NO - [Go to Section D.]

CODE

1068

a. How many acres was manure applied to?

ACRES

1069

b. What was the total amount of manure applied to this field?

TOTAL TONS	OR	TOTAL GALLONS
1070		1071

c. Was the manure--

- | |
|--|
| 1 Dry Broadcast <i>without</i> incorporation? |
| 2 Dry Broadcast <i>with</i> incorporation? |
| 3 Liquid Broadcast <i>without</i> incorporation? |
| 4 Liquid Broadcast <i>with</i> incorporation? |
| 5 Injected/knifed in? |

CODE

1072

d. Was the major source of the manure from--

- | |
|-----------------|
| 1 Beef cattle? |
| 2 Dairy cattle? |
| 3 Hogs? |
| 4 Sheep? |
| 5 Poultry? |
| 6 Other? |

CODE

1073

e. Was the manure--

- | |
|---|
| 1 Produced on this operation? |
| 2 Purchased? |
| 3 Obtained at no cost off this operation? |

CODE

1074

Notes and Calculations:

D PESTICIDE APPLICATIONS --- SELECTED FIELD D

1. Including both custom applications and applications made by this operation, let's list all the chemicals used on this field for the 1998 corn crop.

Were any herbicides, insecticides, fungicides or other chemicals used on the this field for the 1998 corn crop? YES=1
 [Probe for applications made in the fall of 1997 (and those made earlier if this field was fallow).]

[If none, go to Section E.]

CODE
1078
OFFICE USE EDIT TABLE
0301

Check List	
Include <input type="checkbox"/> Defoliant <input type="checkbox"/> Herbicides <input type="checkbox"/> All other pesticides	<input type="checkbox"/> Fungicides <input type="checkbox"/> Insecticides
Exclude <input type="checkbox"/> Fertilizers reported earlier <input type="checkbox"/> Seed Treatments	

T-TYPE	TABLE
3	001
LINE 99	OFFICE USE LINES IN TABLE 0319

NOTES	LINE	2	3	4	5	6 OR 7		8
		What products were applied to this field? <small>[Show product codes from Respondent Booklet.]</small>	Was this product bought in liquid or dry form? <small>[Enter L or D.]</small>	Was this part of a tank mix? <small>[If tank mix, enter line number of first product in tank mix.]</small>	When was this applied? 1 BEFORE planting 3 AT planting 4 AFTER planting	How much was applied per acre per application ?	What was the total amount applied per application in this	<small>[Enter unit code.]</small> 1 POUNDS 12 GALLONS 13 QUARTS 14 PINTS 15 OUNCES 30 GRAMS
	01	0305		0306	0307	0308	0309	0310
	02	0305		0306	0307	0308	0309	0310
	03	0305		0306	0307	0308	0309	0310
	04	0305		0306	0307	0308	0309	0310
	05	0305		0306	0307	0308	0309	0310
	06	0305		0306	0307	0308	0309	0310
	07	0305		0306	0307	0308	0309	0310
	08	0305		0306	0307	0308	0309	0310
	09	0305		0306	0307	0308	0309	0310
	10	0305		0306	0307	0308	0309	0310
	11	0305		0306	0307	0308	0309	0310

T-TYPE	TABLE	LINE
0	000	00

2. [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>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

D PESTICIDE APPLICATIONS --- SELECTED FIELD**D****APPLICATION CODES for column 9**

1 Broadcast, ground without incorporation	6 Chisel/Injected or Knifed in
2 Broadcast, ground with incorporation	7 Banded in or Over Row
3 Broadcast, by air (<i>Aerial application</i>)	8 Foliar or Directed spray
4 In Seed Furrow	9 Spot treatments
5 In Irrigation water	



LINE	9 How was this product applied? <i>[Enter code from above.]</i>	10 How many acres in this field were treated with this product? ACRES	11 What was the number of times applied? NUMBER	12 What was the PRIMARY target pest for this application? <i>[Use Target Pest codes from Respondent Booklet.]</i>	13 This year, was the problem of this pest-- 1 worse than normal? 3 normal? 5 less than normal? 7 unknown? 9 not applicable?	14 Were these applications made by-- 1 Operator, Partner or Family member? 2 Custom applicator? 3 Employee / Other?
	01	0311	0312 • __	0313	0314	0315
02	0311	0312 • __	0313	0314	0315	0316
03	0311	0312 • __	0313	0314	0315	0316
04	0311	0312 • __	0313	0314	0315	0316
05	0311	0312 • __	0313	0314	0315	0316
06	0311	0312 • __	0313	0314	0315	0316
07	0311	0312 • __	0313	0314	0315	0316
08	0311	0312 • __	0313	0314	0315	0316
09	0311	0312 • __	0313	0314	0315	0316
10	0311	0312 • __	0313	0314	0315	0316
11	0311	0312 • __	0313	0314	0315	0316

E PEST MANAGEMENT PRACTICES--SELECTED FIELD E

T-TYPE	TABLE	LINE
0	000	00

- Now I have some questions about your pest management decisions and practices used on this field for the 1998 corn crop. By pests, we mean WEEDS, INSECTS and DISEASES.
- Let's begin with questions about scouting this field for pests.

1		② [If YES, ask--] Was most of the scouting for [column 1] done by--
Was this corn field scouted for--		1 Operator, Partner or Family member? 2 an Employee? 3 Farm supply or Chemical dealer? 4 Independent Crop consultant or Commercial scout? CODE
	YES=1	
a. weeds?	1079	1080
b. insects?	1081	1082
c. diseases?	1083	

- [If field was SCOUTED ask--]

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

CODE
1084

E PEST MANAGEMENT PRACTICES--SELECTED FIELD E

6. [Enumerator Action: *Were HERBICIDES used (pesticide product codes 4000-4999), Section D, item 1 column 2?*
 YES - [Continue.] NO - [Go to item 11.]

7. **Did you apply herbicides to the field BEFORE weeds emerged?** CODE
 YES - [Enter code 1 and continue.] NO - [Go to item 9.] YES = 1 1085

8. **Did you decide to apply herbicides BEFORE weeds emerged based on--**

a. a routine treatment for weed problems experienced in previous years? YES = 1	1086
b. field mapping of previous weed problems? YES = 1	1087
c. recommendations from a <i>chemical dealer</i> ? YES = 1	1088
d. recommendations from an <i>independent crop consultant</i> ? YES = 1	1089

9. **Did you apply herbicides to this field AFTER weeds emerged?** CODE
 YES - [Enter code 1 and continue.] NO - [Go to item 11.] YES = 1 1090

10. **Did you decide to apply herbicides AFTER weeds emerged based on--**

a. a routine treatment? YES = 1	1091
b. type and/or density of weed(s) present? YES = 1	1092
c. recommendations from a <i>chemical dealer</i> ? YES = 1	1093
d. recommendations from an <i>independent crop consultant</i> ? YES = 1	1094

11. [Enumerator Action: *Were INSECTICIDES used (pesticide product codes 1000-1999), Section D, item 1 column 2?*
 YES - [Continue.] NO - [Go to item 13.]

12. **Did you decide to apply insecticides to this corn field based on--**

a. a preventative schedule? YES = 1	1095
b. scouting data compared to University or Extension guidelines for infestation thresholds? YES = 1	1096
c. standard practices or history of insect problems? YES = 1	1097
d. local information (<i>from other farmers, radio, TV, newsletters, etc.</i>) that the pest was or was not present? YES = 1	1098
e. your (the operator's) own determination of the infestation level? YES = 1	1099

13. **Was this corn field cultivated for weed control during the growing season?** YES = 1 1100

E PEST MANAGEMENT PRACTICES--SELECTED FIELD E

14. Were (was)--

- a. planting or harvesting dates adjusted on this field to reduce or control pests? YES=1
- b. pesticides alternated from year to year on this field to control pests? (Use pesticides from different families) YES=1
- c. a biological soil analysis done on this corn field to detect the presence of soil pests, such as insects, diseases or nematodes? YES= 1
- d. beneficial insects considered in selecting and using pesticides on this field? YES= 1
- e. beneficial insects purchased and released in the corn field? YES= 1

17. [Show Pest Management Information Sources codes in Respondent Booklet.]

What was your primary outside source of information on pest management recommendations for the 1998 corn crop?

**PEST MANAGEMENT INFORMATION SOURCES
CODE LIST [Choose one.]**

- | | |
|---|--|
| 1 | Extension Advisor, Publications or Demonstrations
(County, Cooperative or University) |
| 2 | Farm Supply or Chemical Dealer |
| 3 | Commercial Scouting Service |
| 4 | Crop Consultant or Pest Control Advisor |
| 5 | Other Growers or Producers |
| 6 | Producer Associations, Newsletters or Trade Magazines |
| 7 | Electronic Information Services
(DTN, Internet, World Wide Web, etc.) |
| 8 | Other |
| 9 | None |

[Choose one and enter code.]

18. Have you (the operator) attended any training session on pest identification and management since October 1, 1997? YES = 1

CODE

19. Have you (the operator) completed courses leading to certification for applying "Restricted Use" pesticides? YES = 1

CODE

OFFICE USE

F FIELD OPERATIONS --- SELECTED FIELD F

2. Including custom operations, I need to list field work performed by machines on this field for the 1998 corn crop. Please...

- ▶ Begin with the first field operation after harvest of previous crop, (If fallow during 1997, list operations starting with fall 1996.)
- ▶ List the operations in order through seeding, and
- ▶ Maintain the order of tandem hook-ups.

CODES FOR COLUMN 5

1 You (The Operator)?
 2 Partner?
 3 Unpaid Worker?
 4 Paid Part-time or Seasonal Worker?
 5 Paid Full-time Worker?
 6 Custom Applicator? --[Go to Column 11.]

CHECK LIST

Include all field work using machines for--

Land Forming
 Tillage
 Preparing for Irrigation before seeding
 Planting

Exclude

Lime & Gypsum applications
 Fertilizers & Pesticides applications
 Harvesting & Hauling

2 S E Q U E N C E N O.	3 What operation or equipment was used?	4 [Record machine code from Respondent Booklet.] CODE	5 Who was the machine operator-- [Enter code from above.]	[If CUSTOM (column 5 is code 6) skip columns 9-10]		11 In what month was this operation done? MM YY
				9 How many acres were covered? 1/ ACRES	10 How many acres were covered per hour? ACRES PER HOUR	
0351		0352	0353	0357	0358	0359
0361		0362	0363	0367	0368	0369
0371		0372	0373	0377	0378	0379
0381		0382	0383	0387	0388	0389
0391		0392	0393	0397	0398	0399
0401		0402	0403	0407	0408	0409
0411		0412	0413	0417	0418	0419
0421		0422	0423	0427	0428	0429
0431		0432	0433	0437	0438	0439
0441		0442	0443	0447	0448	0449
0451		0452	0453	0457	0458	0459
0461		0462	0463	0467	0468	0469
0471		0472	0473	0477	0478	0479
0481		0482	0483	0487	0488	0489
0491		0492	0493	0497	0498	0499
0501		0502	0503	0507	0508	0509
0511		0512	0513	0517	0518	0519
0521		0522	0523	0527	0528	0529

1/ For backhoes, disk border maker, ditch closer, ditcher, levee-plow disk, quarter drain machine and rear mounted blade, enter total HOURS, and leave column 10 blank.

OFFICE USE
0347

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

		CODE
8.	Was there (will there be) a yield monitor on the equipment used to harvest this corn field?	1127
	[If YES, ask--]	
a.	Was (will there be) a yield map produced from this harvest using information from the yield monitor?	1128
9.	Regardless of when done, has this field been soil grid-sampled and grid-mapped?	1129
10.	Was variable rate technology (VRT) used for--	
a.	fertilization or liming?	1130
b.	seeding?	1131
c.	pesticide applications?	1132

G IRRIGATION---SELECTED FIELD

G

	ACRES	
1. How many acres in this field were irrigated for the 1998 corn crop? <i>[If none, go to Conclusion.]</i>	1133	.____
2. Now, I have some questions about irrigation systems and water used on this field for the 1998 corn crop.		
a. What type(s) of irrigation system(s) were used to irrigate this field? <i>[Use System Type Codes. Enter System Type Code for system covering the most field acres.]</i>	SYSTEM TYPE CODE	1134
b. What was the total number of inches of water per acre applied to this field during the entire growing season? <i>(Include ALL water used from both on-farm and off-farm sources.)</i>	INCHES PER ACRE	1135
(1) <i>[If operator cannot answer item 2b, ask--; else go to item 2c.]</i> What is the total number of hours that water was applied to this field during the growing season?	TOTAL HOURS	1136
(2) How many gallons per minute were applied?	GALLONS PER MINUTE	1137
c. What percent of ALL water applied to this field came from surface water sources?	PERCENT	1138
d. What was the number of times this field was irrigated during the growing season?	NUMBER	1139
3. Was any water purchased to irrigate this field? <i>(Include landlord's share and purchases from all sources.)</i> YES=1		
<i>[If YES, ask--]</i>	CODE	1140
a. What percent of the water used on this field was purchased?	PERCENT	1141
7. Were wells used to supply irrigation water for this field? YES=1		
<i>[If YES, ask--]</i>	CODE	1142
e. What was the total cost for fuel and power used to pump irrigation water from these wells in 1998?	TOTAL DOLLARS	1143

20
CONCLUSION

LOCATION OF SELECTED FIELD

1. I need to locate the selected field of corn on this map.

COUNTY NAME

OFFICE USE--
COUNTY FIPS
CODE

c. What county is the selected corn field in?

	0010
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2. [ENUMERATOR ACTION: *Mark map to indicate where the selected corn field is located. Be sure the "X" marked on map is in county identified above.*]

4. Would you like to receive a copy of the results of this survey in the mail?

(Results will also be available on the Internet at <http://www.usda.gov/nass>) YES = 1

CODE

0099

RECORDS USE

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

a. [fertilizer data?] YES = 1

0011

b. [pesticide data?] YES = 1

0012

SUPPLEMENTS USED

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

FERTILIZER
APPLICATIONS

PESTICIDE
APPLICATIONS

FIELD
OPERATIONS

NUMBER

0020

0021

0022

RESPONDENT

- | | |
|---|--------------------------|
| 1 | OPERATOR/MANAGER/PARTNER |
| 2 | SPOUSE |
| 3 | ACCOUNTANT/BOOKKEEPER |
| 4 | OTHER |

CODE

0101

Respondent's name
[if code 3 or 4]

Phone ()

MILITARY TIME

0005

ENDING TIME [MILITARY]

MM DD YY

0007

DATE:

ENUMERATOR ID

0098

ENUMERATOR NAME

EVALUATION

0100
