2024 CEAP/ARMS 2/Veg Chem Workshop

Conservation Effects Assessment Project (CEAP) – Project Code 912

Agricultural Resource Management Survey-Phase 2 (ARMS 2) – Project Code 906

Vegetable Chemical Use Survey – Project Code 136

2024 CEAP/ARMS 2/Veg Chem Workshop

Welcome, Introductions and Workshop Overview

Introductions

- Order
  - NASDA
  - UMR Staff
- Please share with us
  - Name
  - Town or Area of State
  - Years of Service

Workshop Overview

- Housekeeping Items
  - Please silence any electronic devices
  - Emergency/urgent calls – feel free to take it, but please leave the room
  - Questions
    - Get presenter's attention when you have an opportunity
    - Unique to the area – ask in supervisory group breakouts
  - Keep side conversations to a minimum so other participants can hear the presenters and presenters can stay focused
  - See NASDA Coordinator for any hotel and meeting room issues

Workshop Overview

- Door Prizes
- Restroom locations
- Refreshments during breaks
- Please have the workshop folder and other training materials readily available
- Turn on iPad and connect to hotel Wi-Fi, if needed

Workshop Overview

- Content Overview
  - Generally Speaking
    - Lectures
    - Hands-on Exercises
    - Activities
    - Group Breakout Sessions
- Goals
  - Highlight the purpose of the survey and data uses
  - Highlight changes, updates, or problematic areas
  - Keep training interactive and engaging
  - Group Practice to learn from each other

Workshop Overview

- Day 1
  - Highlight key points in CEAP questionnaire
  - Complete practice exercises
  - Administrative Items
  - Handout CEAP assignment and supplies
- Day 2
  - CEAP (Wrap-up)
  - Veg Chem Use – Minnesota and Wisconsin
  - ARMS 2 – Minnesota only
  - Wrap up

Workshop Folder Contents

- Workshop Booklet with Agenda
- Roster
- Questionnaires
- Respondent Booklets
- Workshop Booklet Answers *(Supervisors Only)*

Resources Available on the UMR NASDA Hub

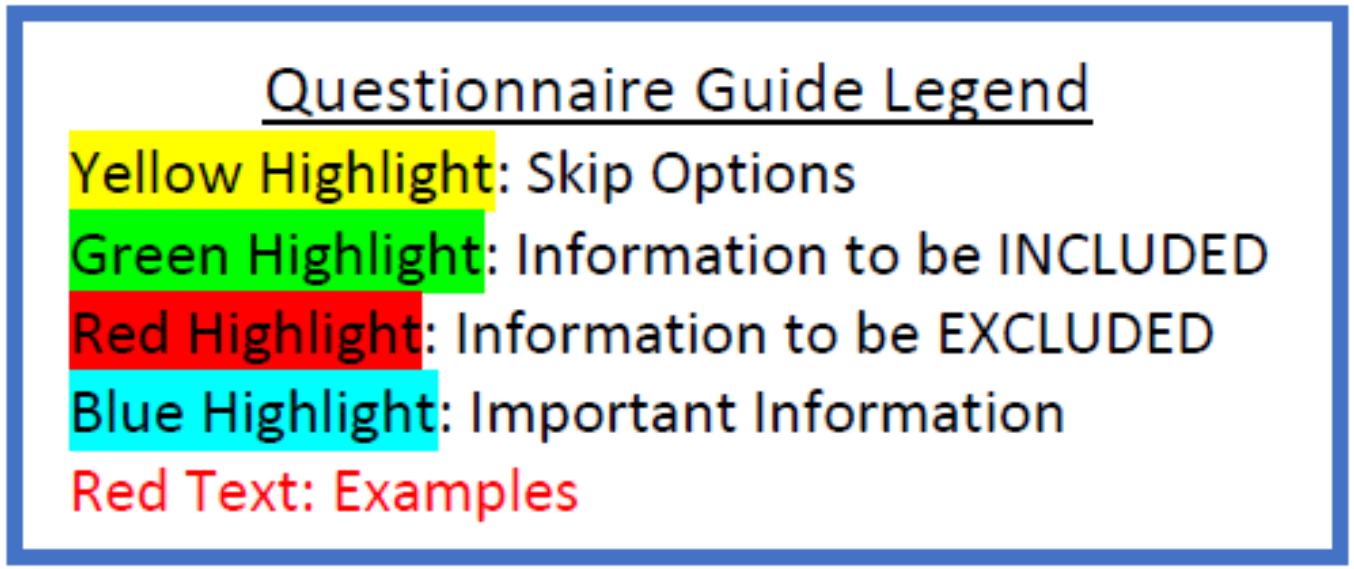
- CEAP
  - Interviewer's Manual
  - Questionnaire & Respondent Booklet
  - Questionnaire Guide
  - Training Videos
  - Evaluation Link
  - Workshop Presentations

Questionnaire Guide

- How to use the questionnaire guide:
  - Make notes in your questionnaire guide during training
  - Take the questionnaire guide with you when completing interviews
  - Reference the questionnaire guide when editing your completed questionnaires.

Questionnaire Guide

- Table of Contents
- Questionnaire Guide Legend:



Next on the agenda…

CEAP Purpose and Data Uses

Face Page

Label

State
POID
NRI Point
Operation County id/name

NRI Sample Point Number = State County id _ NRI Point
Assignment Listings = State POID

Contact Information

Seq #	State Id	Target POID	POID Tract-Subtract	Op Dom Status	Matches	Name and Address Oper Address	Phone/Other/ Oper
11083	55	694009610 DCMS=420 County Id=5 Barron Op County Id=5 Barron	694009610	0	010402R3	Updated based on CAPI contact information submitted with CEAP, Phase 1	

State

POID

NRI Point

Operation County id/name

Section A – Field Characteristics
&
Section B – Conservation Plan

Section A – Field Characteristics

Purpose

- Confirm selected field and conservation area.
- If necessary, redraw boundaries in NRI Application.
- Identify field acreage.
- Capture enrollments and land tenure.

A FIELD CHARACTERISTICS — SELECTED FIELD A

1. In 2024, how many acres in the selected field and conservation area containing the sample point were:

			Acres
a.	planted or cropped, EXCLUDING greenhouse and nursery crops (selected field)?	+	0017 .___
b.	in field borders, grassed waterways, buffers, and other uses associated with conservation practices but not cropped?	+	0018 .___
c.	idle cropland or summer fallow (selected field)?	+	0019 .___
d.	greenhouse and nursery crops?	+	0020 .___
e.	pasture (selected field)?	+	0021 .___
f.	continuous conservation cover (selected field)?	+	0016 .___
g.	non-ag (such as dwellings, buildings, structures, roads, woodland and wasteland not in a conservation practice)?	+	0022 .___

			Acres
2.	The TOTAL acres in the selected field and conservation area (1a + 1b + 1c +1d + 1e + 1f + 1g) are	=	0023 .___

Enumerator Action: If any acres are reported in Item 1a (planted or cropped) or item 1c (idle cropland or summer fallow) Continue, else Go to Conclusion, page 43.

3. During 2024, was any portion of the selected field and/or conservation area of interest enrolled in the continuous Conservation Reserve Program (CRP), the Farmable Wetland Program (FWP), or in the Conservation Reserve Enhancement Program (CREP)?

☐ Yes — Enter 1

☐ No — Enter 3 .....

Code
0732

4. Are the acres in the selected field certified organic or transitioning into certified organic production, as determined by the USDA National Organic Program (NOP) standards? ...

Yes, Certified Organic = 1
Yes, Transitioning = 2
No = 3

2024	2023	2022
3382	3381	3380

5. Were the majority of the acres in this field (reported in Items 1a or 1c) .....

1 Owned by this operation?
2 Rented for fixed CASH payment?
3 Rented for a flexible CASH payment?
4 Rented for a SHARE of the crop?
5 Rented for some combination of CASH and a SHARE of the crop?
6 Used RENT-FREE?
7 Not operated?

2024	2023	2022
0504	0503	0502

Section A - Example

- In 2024, the operator stated 25.9 acres of the selected field was planted. Looking at the FSA map, the operator identifies 0.1 acres in the selected field that is a grassed waterway.
- The selected field is not enrolled in CRP, FWP, or CREP.
- The operator did not want to answer the organic questions.
- A majority of the acres were owned by the operation.

Acreage

A **FIELD CHARACTERISTICS — SELECTED FIELD** **A**

1. In 2024, how many acres in the selected field and conservation area containing the sample point were:

			Acres
a.	planted or cropped, EXCLUDING greenhouse and nursery crops (selected field)?	+	0017 25.9
b.	in field borders, grassed waterways, buffers, and other uses associated with conservation practices but not cropped?	+	0018 0.1
c.	idle cropland or summer fallow (selected field)?	+	0019
d.	greenhouse and nursery crops?	+	0020
e.	pasture (selected field)?	+	0021
f.	continuous conservation cover (selected field)?	+	0016
g.	non-ag (such as dwellings, buildings, structures, roads, woodland and wasteland not in a conservation practice)?	+	0022

			Acres
2.	The TOTAL acres in the selected field and conservation area (1a + 1b + 1c +1d + 1e + 1f + 1g) are	=	0023 26.0

Enumerator Action: If any acres are reported in Item 1a (planted or cropped) or item 1c (idle cropland or summer fallow) Continue, else Go to Conclusion, page 43.

Field Characteristics

3. During 2024, was any portion of the selected field and/or conservation area of interest enrolled in the continuous Conservation Reserve Program (CRP), the Farmable Wetland Program (FWP), or in the Conservation Reserve Enhancement Program (CREP)?

	Code
☐ Yes — Enter 1	
☒ No — Enter 3	0732 3

4. Are the acres in the selected field certified organic or transitioning into certified organic production, as determined by the USDA National Organic Program (NOP) standards? ...

Yes, Certified Organic = 1
Yes, Transitioning = 2
No = 3

2024	2023	2022
3382 --	3381 --	3380 --

5. Were the majority of the acres in this field (reported in Items 1a or 1c) .....

1 Owned by this operation?
2 Rented for fixed CASH payment?
3 Rented for a flexible CASH payment?
4 Rented for a SHARE of the crop?
5 Rented for some combination of CASH and a SHARE of the crop?
6 Used RENT-FREE?
7 Not operated?

2024	2023	2022
0504 1	0503 1	0502 1

Section A - Reminders

- Selected Field:
  - Continuous area of land devoted to one crop or land use
- Conservation Area:
  - Any area of land adjoining or adjacent to the **Selected Field**
- Show boundaries drawn in CEAP Phase 1
- Confirm boundaries and acreage
- Redraw if necessary

Section B – Conservation Plan

Purpose

- Record Written Conservation Plan
- Record if Cost Share or Incentive Payments were made
- Record Technical Assistance Provided

Section B – Conservation Plan

Written Conservation Plan is a formal document customized for the producer that details the use and best management of the natural resources on the land.

Section B – Conservation Plan

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

1. Do you have a written Conservation Plan(s) for the selected field and/or conservation area?
   [A "written plan" is a plan prepared in accordance with Federal, State, and/or Conservation District standards.]

This INCLUDES a Conservation Plan, Conservation Compliance (HEL) Plan, or Conservation Plan written as a result of participating in a conservation program, such as:

- Conservation Stewardship Program (CSP)
- Conservation Reserve Program (CRP)
- Conservation Reserve Enhancement Program (CREP)
- Environmental Quality Incentive Program (EQIP)
- Farmable Wetland Program (FWP)
- Agricultural Conservation Easement Program (ACEP)
- Regional Conservation Partnership Program (RCPP)

	Code
☐ Yes — [Enter 1 and continue with Item 1a.]	
☐ Don't Know — [Enter 2, then go to Item 2.]	
☐ No — [Enter 3, then go to Item 2.]	0701

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

a. Does the written plan include any of the following? (Select all that apply.)		Code
i. Practices to reduce soil erosion	Yes = 1 No = 3	0702
ii. Nutrient management plan practices	Yes = 1 No = 3	0703
iii. Pest management plan practices	Yes = 1 No = 3	0704
iv. Irrigation water management plan practices	Yes = 1 No = 3	0705
v. Wildlife habitat enhancement practices	Yes = 1 No = 3	0706
vi. Manure management and handling practices	Yes = 1 No = 3	0771
vii. Agricultural water management plan that meets state or local requirements	Yes = 1 No = 3	0742
viii. Soil health management plan practices	Yes = 1 No = 3	0785

Section B – Conservation Plan

Cost Share payments are a one-time payment received by the producer to offset the cost of establishing a particular conservation practice after installation is complete.

Incentive Payments are annual payments, for a set number of years, as part of a conservation program contract.

Section B – Conservation Plan

2. Did you receive cost share or incentive payments in 2024, 2023, or 2022 for any conservation practices implemented on this field and/or conservation area?

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

☐ Yes — [Enter 1 and continue.] ☐ No — [Enter 3, then go to Item 3.]

	Code
	0707

a. If Yes, for what program? (Select all that apply.)

	Yes = 1 No = 3	Code
i. CSP		0786
ii. CRP		0708
iii. CREP		0787
iv. EQIP		0710
v. FWP		0788

	Yes = 1 No = 3	Code
vi. ACEP		0789
vii. RCPP		0790
viii. State Programs		0711
ix. Other		0712

(Specify) 0791 _____

Section B – Conservation Plan

Technical Assistance includes any person or agency that helped develop or write the conservation plan

or

was involved in planning, installation or maintaining the conservation practice.

Section B – Conservation Plan

3. Did you receive any help or assistance with the development of:

   a. Conservation Plan for this field/conservation area?
   [Ask only if there is a written conservation plan for this field, Item 1 = 1 (Yes).]

   0780 1 ☐ Yes 3 ☐ No

   b. Conservation practices currently in place on this field/conservation area?

   0781 1 ☐ Yes 3 ☐ No

c. If Yes to Item 3a or 3b, please identify who provided the assistance for the development of the Conservation Plan and/or conservation practice(s) on the field/conservation area.

INCLUDE:

- assistance for planning, installing, maintaining, or using conservation practices or systems for this land.
- grassed waterways and filter strips or riparian buffers on or adjoining this field.
- assistance from any source whether paid for or free.

Source	Select all that apply Yes = 1	Were you charged for the service? Yes = 1	Which of these was your PRIMARY source of assistance Select only 1 Yes = 1
NRCS	0714	0720	0726
Conservation District	0715	0721	0727
Technical Service Providers (NRCS certified)	0716	0722	0728
Private Consultant (Not NRCS certified)	0747	0760	0762
Trade Organizations	0751	0761	0763
University Extension	0717	0723	0729
State Agencies	0718	0724	0730
Other	0719	0725	0731
(Specify) 0792 _____			

Completion Code for Conservation Plan	
1 = Incomplete/Refusal	0700

4. In 2024, did the selected field and/or conservation area have any of the following conservation practices? [May or may not be included in the conservation plan.]

Enumerator Action : If the respondent reports "Yes" to any practice, complete the additional questions about that practice. Otherwise, Go to the next practice.

a.	Terraces?	Yes = 1 No = 3	1328
i.	Were these terraces? (1 = primarily grassed; 2 = primarily cropped)	Code	1329
b.	Riparian (stream side) forest buffer?	Yes = 1 No = 3	1333
i.	Width of buffer	Feet	3320
ii.	Species (1 = evergreen; 2 = deciduous; 3 = mixed)	Code	3321
c.	Riparian (stream side) herbaceous non-woody plants buffer?	Yes = 1 No = 3	1334
i.	Width of buffer?	Feet	3322
ii.	Is the buffer maintained, for example, by fertilizing, mowing, or repairing any gullies?	Yes = 1 No = 3	3323
iii.	Is the buffer designed to capture —		
	(a) sediment?	Yes = 1 No = 3	3330
	(b) nutrients?	Yes = 1 No = 3	3331
	(c) pesticide residue?	Yes = 1 No = 3	3332
d.	Field borders?	Yes = 1 No = 3	1337
i.	Width of field border?	Feet	3333
ii.	Is the field border maintained, for example, by fertilizing, mowing, or repairing any gullies?	Yes = 1 No = 3	3334
iii.	Is the field border designed to capture —		
	(a) sediment?	Yes = 1 No = 3	3341
	(b) nutrients?	Yes = 1 No = 3	3342
	(c) pesticide residue?	Yes = 1 No = 3	3343
e.	Filter strips?	Yes = 1 No = 3	1338
i.	Width of filter strip?	Feet	3344
ii.	Is the filter strip maintained, for example, by fertilizing, mowing, or repairing any gullies?	Yes = 1 No = 3	3350
iii.	Is the filter strip designed to capture —		
	(a) sediment?	Yes = 1 No = 3	3352
	(b) nutrients?	Yes = 1 No = 3	3353
	(c) pesticide residue?	Yes = 1 No = 3	3354

			Code
f.	Grassed waterways?	Yes = 1 No = 3	1330
g.	Vegetative barriers (in-field)?	Yes = 1 No = 3	1331
h.	Hedgerow plantings?	Yes = 1 No = 3	1332
i.	Windbreak?	Yes = 1 No = 3	1335
j.	Herbaceous wind barrier?	Yes = 1 No = 3	3360
k.	Contour buffers (in-field)?	Yes = 1 No = 3	1336
l.	Critical area planting?	Yes = 1 No = 3	1339
m.	Grade stabilization structure?	Yes = 1 No = 3	1340
n.	Drainage water management?	Yes = 1 No = 3	3361
o.	Irrigation tailwater recovery system?	Yes = 1 No = 3	3373
p.	Contour farming?	Yes = 1 No = 3	3362
q.	Strip cropping?	Yes = 1 No = 3	3363
r.	Alley cropping?	Yes = 1 No = 3	0793
s.	Use continuous no-till?	Yes = 1 No = 3	0794
	[If Yes — Continue with Item (i.). If No — Go to Item t.]		
(i.)	How many years has the land been continuously managed as a no-till system? [Go to Item u.]	Years	0795
t.	Use reduced, mulch till, or seasonal no-till?	Yes = 1 No = 3	0796
	[If Yes — Continue with Item (i.), If No — Go to Item 5].		
(i.)	How many years has the land been continuously managed as a reduced, mulch till, or seasonal no-till system?	Years	0797
u.	What was the primary purpose of shifting to conservation tillage (continuous no-till, seasonal no-till, reduced till, or mulch till)? (1 Soil health; 2 Pest management; 3 Cost; 4 Fuel use; 5 Carbon sequestration)	Code	0798

5. Have you modified or added any conservation practices for the selected field SPECIFICALLY to improve the quality of fish or wildlife (including pollinators) habitat?
☐ Yes = 1 ☐ No = 3 ☐ Not Applicable = 4 — Code 3364

6. Do you manage the vegetative cover for wildlife (including pollinators) purposes?
☐ Yes = 1 ☐ No = 3 ☐ Not Applicable = 4 — Code 3370

7. Have you installed practices to restore, enhance, or create wetlands?
☐ Yes = 1 ☐ No = 3 ☐ Not Applicable = 4 — Code 0799

Section B – Example

Items 1 – 3

- The operator reports having a written conservation plan that includes practices to reduce soil erosion, nutrient management plan practices, and manure management and handling practices.
- There was no cost share or incentive payments for 2024, 2023, and 2022.
- Assistance for a conservation plan and conservation practices was provided by NRCS and a Private Consultant. The Private Consultant is the operations primary source of assistance and charges a fee.

Section B – Conservation Plan

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

1. Do you have a written Conservation Plan(s) for the selected field and/or conservation area?

   [A "written plan" is a plan prepared in accordance with Federal, State, and/or Conservation District standards.]

This INCLUDES a Conservation Plan, Conservation Compliance (HEL) Plan, or Conservation Plan written as a result of participating in a conservation program, such as:

- Conservation Stewardship Program (CSP)
- Conservation Reserve Program (CRP)
- Conservation Reserve Enhancement Program (CREP)
- Environmental Quality Incentive Program (EQIP)
- Farmable Wetland Program (FWP)
- Agricultural Conservation Easement Program (ACEP)
- Regional Conservation Partnership Program (RCPP)

	Code	
[X] Yes — [Enter 1 and continue with Item 1a.]		
[ ] Don't Know — [Enter 2, then go to Item 2.]		
[ ] No — [Enter 3, then go to Item 2.]	0701	1

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

a. Does the written plan include any of the following? (Select all that apply.)		Code	
i. Practices to reduce soil erosion	Yes = 1 No = 3	0702	1
ii. Nutrient management plan practices	Yes = 1 No = 3	0703	1
iii. Pest management plan practices	Yes = 1 No = 3	0704	3
iv. Irrigation water management plan practices	Yes = 1 No = 3	0705	3
v. Wildlife habitat enhancement practices	Yes = 1 No = 3	0706	3
vi. Manure management and handling practices	Yes = 1 No = 3	0771	1
vii. Agricultural water management plan that meets state or local requirements	Yes = 1 No = 3	0742	3
viii. Soil health management plan practices	Yes = 1 No = 3	0785	3

Section B – Conservation Plan

2. Did you receive cost share or incentive payments in 2024, 2023, or 2022 for any conservation practices implemented on this field and/or conservation area?

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

	Code
☐ Yes — [Enter 1 and continue.] ☒ No — [Enter 3, then go to Item 3.]	0707 3

a. If Yes, for what program? (Select all that apply.)

		Code
i. CSP	Yes = 1 No = 3	0786
ii. CRP	Yes = 1 No = 3	0708
iii. CREP	Yes = 1 No = 3	0787
iv. EQIP	Yes = 1 No = 3	0710
v. FWP	Yes = 1 No = 3	0788

		Code
vi. ACEP	Yes = 1 No = 3	0789
vii. RCPP	Yes = 1 No = 3	0790
viii. State Programs	Yes = 1 No = 3	0711
ix. Other	Yes = 1 No = 3	0712

(Specify) 0791 _____

Section B – Conservation Plan

3. Did you receive any help or assistance with the development of:

   a. Conservation Plan for this field/conservation area?
   [Ask only if there is a written conservation plan for this field, Item 1 = 1 (Yes).]

   0780 1 [X] Yes 3 [ ] No

   b. Conservation practices currently in place on this field/conservation area?

   0781 1 [X] Yes 3 [ ] No

c. If Yes to Item 3a or 3b, please identify who provided the assistance for the development of the Conservation Plan and/or conservation practice(s) on the field/conservation area.

INCLUDE:

- assistance for planning, installing, maintaining, or using conservation practices or systems for this land.
- grassed waterways and filter strips or riparian buffers on or adjoining this field.
- assistance from any source whether paid for or free.

Source	Select all that apply Yes = 1	Were you charged for the service? Yes = 1	Which of these was your PRIMARY source of assistance Select only 1 Yes = 1
NRCS	0714 1	0720 --	0726 --
Conservation District	0715	0721	0727
Technical Service Providers (NRCS certified)	0716	0722	0728
Private Consultant (Not NRCS certified)	0747 1	0760 1	0762 1
Trade Organizations	0751	0761	0763
University Extension	0717	0723	0729
State Agencies	0718	0724	0730
Other	0719	0725	0731
(Specify) 0792 _____			

Completion Code for Conservation Plan	
1 = Incomplete/Refusal	0700

Section B – Example

Items 4 – 7

- Grassed waterways were the only conservation practice in the selected field for 2024.
- The operator reported NO to using continuous no-till.
- The operator has not modified or added any conservation practices to the selected field to improve habitats of any kind.
- No vegetative cover was managed for wildlife.
- No practices have been installed to restore, enhance, or create wetlands.

4. In 2024, did the selected field and/or conservation area have any of the following conservation practices? [May or may not be included in the conservation plan.]

Enumerator Action : If the respondent reports "Yes" to any practice, complete the additional questions about that practice. Otherwise, Go to the next practice.

a. Terraces?	Yes = 1 No = 3	1328	3
i. Were these terraces? (1 = primarily grassed, 2 = primarily cropped)	Code	1329	
b. Riparian (stream side) forest buffer?	Yes = 1 No = 3	1333	3
i. Width of buffer	Feet	3320	
ii. Species (1 = evergreen, 2 = deciduous, 3 = mixed)	Code	3321	
c. Riparian (stream side) herbaceous non-woody plants buffer?	Yes = 1 No = 3	1334	3
i. Width of buffer?	Feet	3322	
ii. Is the buffer maintained, for example, by fertilizing, mowing, or repairing any gullies?	Yes = 1 No = 3	3323	
iii. Is the buffer designed to capture —			
(a) sediment?	Yes = 1 No = 3	3330	
(b) nutrients?	Yes = 1 No = 3	3331	
(c) pesticide residue?	Yes = 1 No = 3	3332	
d. Field borders?	Yes = 1 No = 3	1337	3
i. Width of field border?	Feet	3333	
ii. Is the field border maintained, for example, by fertilizing, mowing, or repairing any gullies?	Yes = 1 No = 3	3334	
iii. Is the field border designed to capture —			
(a) sediment?	Yes = 1 No = 3	3341	
(b) nutrients?	Yes = 1 No = 3	3342	
(c) pesticide residue?	Yes = 1 No = 3	3343	
e. Filter strips?	Yes = 1 No = 3	1338	3
i. Width of filter strip?	Feet	3344	
ii. Is the filter strip maintained, for example, by fertilizing, mowing, or repairing any gullies?	Yes = 1 No = 3	3350	
iii. Is the filter strip designed to capture —			
(a) sediment?	Yes = 1 No = 3	3352	
(b) nutrients?	Yes = 1 No = 3	3353	
(c) pesticide residue?	Yes = 1 No = 3	3354	

		Code	
f. Grassed waterways?	Yes = 1 No = 3	1330	1
g. Vegetative barriers (in-field)?	Yes = 1 No = 3	1331	3
h. Hedgerow plantings?	Yes = 1 No = 3	1332	3
i. Windbreak?	Yes = 1 No = 3	1335	3
j. Herbaceous wind barrier?	Yes = 1 No = 3	3360	3
k. Contour buffers (in-field)?	Yes = 1 No = 3	1336	3
l. Critical area planting?	Yes = 1 No = 3	1339	3
m. Grade stabilization structure?	Yes = 1 No = 3	1340	3
n. Drainage water management?	Yes = 1 No = 3	3361	3
o. Irrigation tailwater recovery system?	Yes = 1 No = 3	3373	3
p. Contour farming?	Yes = 1 No = 3	3362	3
q. Strip cropping?	Yes = 1 No = 3	3363	3
r. Alley cropping?	Yes = 1 No = 3	0793	3
s. Use continuous no-till?	Yes = 1 No = 3	0794	3
[If Yes — Continue with Item (i.). If No — Go to Item t.]			
(i.) How many years has the land been continuously managed as a no-till system? [Go to Item u.]	Years	0795	
t. Use reduced, mulch till, or seasonal no-till?	Yes = 1 No = 3	0796	3
[If Yes — Continue with Item (i.), If No — Go to Item 5].			
(i.) How many years has the land been continuously managed as a reduced, mulch till, or seasonal no-till system?	Years	0797	

u. What was the primary purpose of shifting to conservation tillage (continuous no-till, seasonal no-till, reduced till, or mulch till)?

1	Soil health
2	Pest management
3	Cost
4	Fuel use
5	Carbon sequestration

Code: 0798

5. Have you modified or added any conservation practices for the selected field SPECIFICALLY to improve the quality of fish or wildlife (including pollinators) habitat?

☐ Yes = 1 ☒ No = 3 ☐ Not Applicable = 4

Code 3364 **3**

6. Do you manage the vegetative cover for wildlife (including pollinators) purposes?

☐ Yes = 1 ☒ No = 3 ☐ Not Applicable = 4

Code 3370 **3**

7. Have you installed practices to restore, enhance, or create wetlands?

☐ Yes = 1 ☒ No = 3 ☐ Not Applicable = 4

Code 0799 **3**

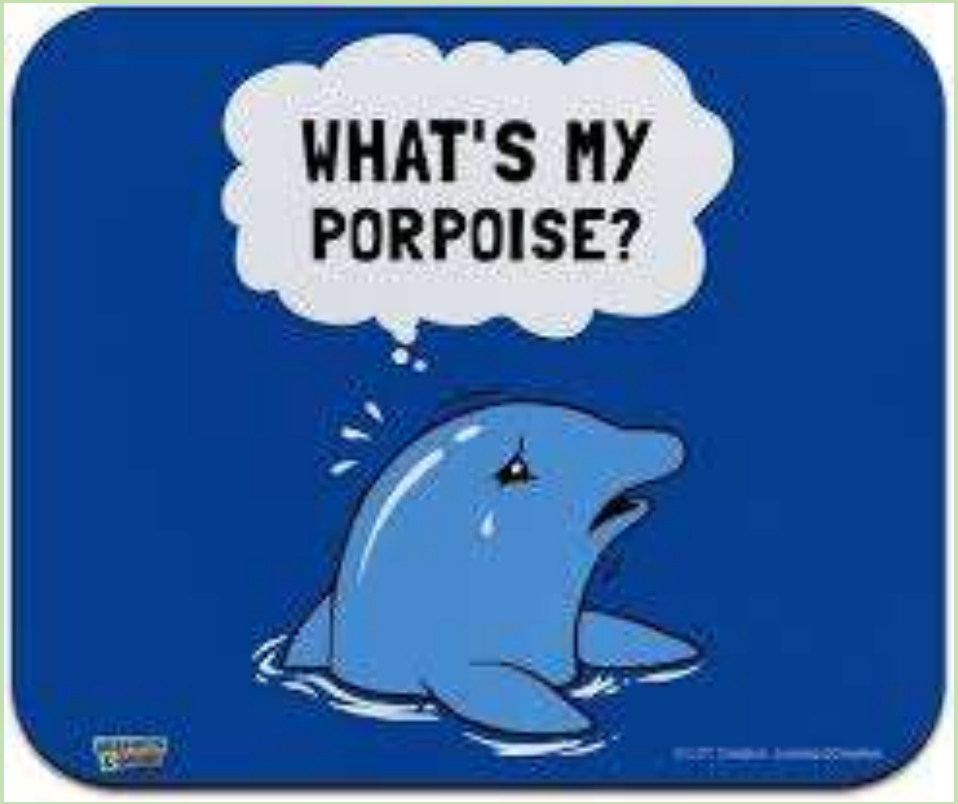
Reminders

- Looking for Written Conservation Plan(s)
- Selected field only.
- Properly record assistance received.

Section C
Cropping History and Conservation Practices

PURPOSE

- IDs Farming practices
- Determines farming activities
- Crop data used to estimate residue levels
- Impact of conservation practices



History

- Collect information from the last 3 years
  - Record all crop planted sequentially
  - Record max of 3 crops
  - Only record the dominate crop

Strip Cropping

Multiple crops grown in the same field

Nurse Cropping

A plant helps another plant grow.

Additional Notes

Pre-plant tillage operations

Replanted fields

		1	2	3
Let's begin with the 2024 crop year. What was/were the:		**2024**	**2024**	**2024**
Crop(s) planted or Land Use?	Crop			
a. Crop(s) code or Land Use Code. [See Respondent. Booklet pgs. 4 - 7 for codes.]	Code	1005	1037	1069
b. Intended use of Crop(s). [See Respondent Booklet pg. 7 for codes.]	Code	1006	1038	1070
c. Acres planted? [Include previous planted crops.]	Acres	1007 .___	1039 .___	1071 .___
d. Date planted, transplanted, or established? (MM DD YY)	Date	1008 _ _ _ _ _ _	1040 _ _ _ _ _ _	1072 _ _ _ _ _ _
e. Row Width (for row crops)?	Inches	1011 .___	1043 .___	1075 .___
f. Was precision technology used to change seeding rate within the field?	Yes = 1 No = 3	0800	0801	0802
g. Was precision technology used to change crop variety within the field?	Yes = 1 No = 3	0803	0804	0805
h. Was a soil test performed on this field prior to planting (anytime from harvest of previous year's crop to planting of current year's crop) to determine crop nutrient or soil health needs?	Yes = 1 No = 3	0806	0807	0808
i. Did you apply soil carbon amendments (e.g., biochar, compost, compost teas, etc.) to improve soil health?	Yes = 1 No = 3	0809	0810	0811
j. Was this crop irrigated?	Yes = 1 No = 3	1029	1061	1093
k. EXPECTED yield/acre at planting (yield goal)?	Number	1012 .___	1044 .___	1076 .___
(1) Unit: [See Respondent Booklet pg. 7 for codes]	Code	1013	1045	1077
l. Acres harvested?	Acres	1015 .___	1047 .___	1079 .___
(1) Date harvested? (MM DD YY)	Date	1016 _ _ _ _ _ _	1048 _ _ _ _ _ _	1080 _ _ _ _ _ _

Enter Crop Code

If more than 1 use - code as "other"

Make a note if unit is not listed

Enter Last date harvested

m. ACTUAL yield at harvest/acre?	Number	1017 .____	1049 .____	1081 .____
(1) Unit: [See Respondent Booklet pg. 7 for codes.]	Code	1018	1050	1082
n. Acres Abandoned or NOT harvested?	Acres	1019 .____	1051 .____	1083 .____
o. Was the grass vegetation, straw, or stubble harvested?	Yes = 1 No = 3	1020	1052	1084
p. Was the field grazed? [If Yes — Enter 1 and continue. If No — Enter 3, then Go to Item t.]	Yes = 1 No = 3	1023	1055	1087
q. What type of livestock grazed the field (primarily)? [See Respondent Booklet pg. 7 for codes.]	Code	1024	1056	1088
r. Regardless of ownership, how many head of _____ grazed this field BEFORE harvest or termination?	Head	1025	1057	1089
(1) How many TOTAL days was the field grazed BEFORE harvest or termination?	Days	1026	1058	1090
s. Regardless of ownership, how many head of _____ grazed this field AFTER harvest or termination?	Head	1027	1059	1091
(1) How many TOTAL days was the field grazed AFTER harvest or termination?	Days	1028	1060	1092
t. Was any forage intentionally left behind for wildlife use, cover, and/or shelter?	Yes = 1 No = 3	2610	2611	2612

Make a not if unit is not listed

Completion Code for 2024 Cropping History	
1 = Inaccessible/Refusal	1004

		1	2	3
Let's continue with the 2023 crop year.		**2023**	**2023**	**2023**
Did you make day-to-day farming/ranching decisions for this field in 2023? If Yes — Continue. If No — Go to page 9.	Yes = 1 No = 3	0010		
What was/were the :				
Crop(s) planted or Land Use?	Crop			
a. Crop(s) code or Land Use Code. [See Respondent Booklet pgs. 4 - 7 for codes.]	Code	1101	1133	1165
b. Intended use of Crop(s). [See Respondent Booklet pg. 7 for codes.]	Code	1102	1134	1166

		1	2	3
Let's continue with the 2022 crop year.		**2022**	**2022**	**2022**
Did you make day-to-day farming/ranching decisions for this field in 2022? If Yes, continue. If No, go to page 10.	Yes = 1 No = 3	0011		
What was/were the :				
Crop(s) planted or Land Use?	Crop			
a. Crop(s) code or Land Use Code. [See Respondent Booklet pgs. 4 - 7 for codes.]	Code	1197	1229	1261

Planned Crop Rotation

Growing Crops in a repeating sequence for 2 or more years

Benefits

2. Do you have a planned crop rotation for this field?

1343 1 [X] Yes — Continue 3 [ ] No — Go to Item 3.

a. Let's record your crop rotation plan. Use the crop codes from the Respondent Booklet pgs. 4-7. Use multiple codes to capture strip cropping, double cropping, and cover crops in a planned rotation.

Enter the crop name and crop code for the crops in rotation [only use as many years as are in the rotation scheme.]	Crops	Crop Code	Crop Code	Crop Code
i. 1st year of rotation	Corn	1344 188	1351	1358
ii. 2nd year of rotation	Soybeans	1345 120	1352	1359
iii. 3rd year of rotation		1346	1353	1360
iv. 4th year of rotation		1347	1354	1361
v. 5th year of rotation		1348	1355	1362
vi. 6th year of rotation		1349	1356	1363

3. Was a cover crop planted on this field for the 2024, 2023, or 2022 crop years?

1471 1 [X] Yes — Continue 3 [ ] No — Go to Item 4.

		2024	2023	2022
a. When was the cover crop planted?	MM DD YY	1472 102523	1483	1571
b. What type of cover crop was planted? (Enter code) If the crop is not listed, make a note	1 Wheat; 2 Ryegrass; 3 Rye; 4 Other small grain /winter annual; 5 Legume (clover, cowpeas, etc.); 6 Other; 7 Mixed	1473 1	1491	1572
c. What was the primary intended benefit of the cover crop? (Enter code)	1 Soil fertility; 2 Soil quality; 3 Soil cover; 4 Controlling weeds, insects, & diseases; 5 Carbon sequestration; 6 Other	0836 2	0837	0838
d. Did you apply commercial fertilizer for the benefit of the cover crop?	Yes = 1 No = 3	0839 3	0840	0841
e. Did you apply manure for the benefit of the cover crop?	Yes = 1 No = 3	0842 1	0843	0844
f. Did you apply pesticides for the benefit of the cover crop?	Yes = 1 No = 3	0845 3	0846	0847
g. Did you irrigate the cover crop?	Yes = 1 No = 3	0848 3	0849	0850
h. Was the cover crop grazed?	Yes = 1 No = 3	0851 3	0852	0853
i. When was the cover crop terminated?	MM DD YY	1481 041524	1492	1573
j. How was the cover crop terminated? (Enter code)	1 Herbicide; 2 Mowed; 3 Harvested for forage; 4 Tilled in; 5 Rolled/crimped; 6 Harvested for grain; 7 Burned (fire); 8 Winter kill	1482 6	1493	1581

4. Is the field adjacent (within 100 feet up slope) to a water body, including a stream, intermittent stream, wetland, drainage ditch, or irrigation canal/ditch? ..... Yes = 1 No = 3 — Code 1327

5. Are irrigation/drainage ditches lined or vegetated to maintain a stable channel? ..... Yes = 1 No = 3 — Code 1364

6. Does this field have subsurface (tile) drainage? — Code 1341

1 ☐ Yes — Continue 3 ☐ No — Go to Item 7. 2 ☐ Don't Know — Go to Item 7.

a. Are the drainage tiles organized in a pattern? ..... Yes = 1 No = 3 — Code 1781

[If Yes — Continue. If No — Go to Item 6c.]

b. What is the approximate subsurface (tile) drain spacing? ..... — Code 1782

1 — less than 30 ft.	**2** — 30-59 ft.	**3** — 60-100 ft.	**4** — Greater than 100 ft.

c. Are the surface inlet pipes connected to the subsurface (tile) drains in this field? ..... Yes = 1 No = 3 — 1783

d. What depth are the subsurface tile drains installed at? ..... Inches — 0854

7. Does this field have surface drainage structures? ..... Yes = 1 No = 3 — 1342

Watering and Drainage

- Adjacent Body of Water
- Irrigation Ditches Lined or Vegetated
- Subsurface and Surface Drains
- Surface drains

Example 2024

- The farmer planted 25.9 acres oats that will for grain were planted on April 5, 2024, and all acres were harvested on Aug 4, 2024. The farmer expected 60 bushels/acres and got 70 bushels/acres. The farmer also harvested the grass vegetation, straw, and stubble on Aug 4, 2024.
- On April 5, 2024, the farmer also planted 25.9 acres of Alfalfa with and expected yield of 2 tons/acre. The farmer baled all the alfalfa acres on Nov 5, 2024, and got 2.5 tons/acre.
- If the question is not addressed – the answer is assumed to be “NO”
- For both oats and alfalfa acres livestock wasn’t grazed on either fields.

ANSWER

Let's begin with the 2024 crop year. What was/were the:		1 2024	2 2024	3 2024
Crop(s) planted or Land Use?	Crop	oats	alfalfa	
a. Crop(s) code or Land Use Code. [See Respondent. Booklet pgs. 4 - 7 for codes.]	Code	1005 110	1037 101	1069
b. Intended use of Crop(s). [See Respondent Booklet pg. 7 for codes.]	Code	1006 2	1038 6	1070
c. Acres planted? [Include previous planted crops.]	Acres	1007 25.9	1039 25.9	1071 .
d. Date planted, transplanted, or established? (MM DD YY)	Date	1008 040524	1040 040524	1072
e. Row Width (for row crops)?	Inches	1011 .	1043 .	1075 .
f. Was precision technology used to change seeding rate within the field?	Yes = 1 No = 3	0800 3	0801 3	0802
g. Was precision technology used to change crop variety within the field?	Yes = 1 No = 3	0803 3	0804 3	0805
h. Was a soil test performed on this field prior to planting (anytime from harvest of previous year's crop to planting of current year's crop) to determine crop nutrient or soil health needs?	Yes = 1 No = 3	0806 3	0807 3	0808
i. Did you apply soil carbon amendments (e.g., biochar, compost, compost teas, etc.) to improve soil health?	Yes = 1 No = 3	0809 3	0810 3	0811
j. Was this crop irrigated?	Yes = 1 No = 3	1029 3	1061 3	1093
k. EXPECTED yield/acre at planting (yield goal)?	Number	1012 60.0	1044 2.0	1076 .
(1) Unit: [See Respondent Booklet pg. 7 for codes]	Code	1013 4	1045 3	1077
l. Acres harvested?	Acres	1015 25.9	1047 25.9	1079 .
(1) Date harvested? (MM DD YY)	Date	1016 080424	1048 110524	1080

m.	ACTUAL yield at harvest/acre?	Number	1017	70.0	1049	2.5	1081	.___
	(1) Unit: [See Respondent Booklet pg. 7 for codes.]	Code	1018	4	1050	3	1082	
n.	Acres Abandoned or NOT harvested?	Acres	1019	-- .___	1051	-- .___	1083	.___
o.	Was the grass vegetation, straw, or stubble harvested?	Yes = 1 No = 3	1020	1	1052	3	1084	
p.	Was the field grazed? [If Yes — Enter 1 and continue. If No — Enter 3, then Go to Item t.]	Yes = 1 No = 3	1023	3	1055	3	1087	
q.	What type of livestock grazed the field (primarily)? [See Respondent Booklet pg. 7 for codes.]	Code	1024		1056		1088	
r.	Regardless of ownership, how many head of _____ grazed this field BEFORE harvest or termination?	Head	1025		1057		1089	
	(1) How many TOTAL days was the field grazed BEFORE harvest or termination?	Days	1026		1058		1090	
s.	Regardless of ownership, how many head of _____ grazed this field AFTER harvest or termination?	Head	1027		1059		1091	
	(1) How many TOTAL days was the field grazed AFTER harvest or termination?	Days	1028		1060		1092	
t.	Was any forage intentionally left behind for wildlife use, cover, and/or shelter?	Yes = 1 No = 3	2610	3	2611	3	2612	

Completion Code for 2024 Cropping History	
1 = Inaccessible/Refusal	1004

Example for page 10 – 11

- The farmer does have a 6-year crop rotation plan, by planting Alfalfa for 3 years then corn for silage in year 4, corn for grain in year 5 and oats/alfalfa for the year 6.
- No cover crops were planted in 2022-2024.
- If the question is not addressed – the answer is assumed to be “NO”

Page 10 Answers

2. Do you have a planned crop rotation for this field?

1343 1 [X] Yes — Continue 3 [ ] No — Go to Item 3.

a. Let's record your crop rotation plan. Use the crop codes from the Respondent Booklet pgs. 4-7. Use multiple codes to capture strip cropping, double cropping, and cover crops in a planned rotation.

Enter the crop name and crop code for the crops in rotation [only use as many years as are in the rotation scheme.]	Crops	Crop Code	Crop Code	Crop Code
i. 1st year of rotation	alf	1344 101	1351	1358
ii. 2nd year of rotation	alf	1345 101	1352	1359
iii. 3rd year of rotation	alf	1346 101	1353	1360
iv. 4th year of rotation	corn	1347 189	1354	1361
v. 5th year of rotation	corn	1348 188	1355	1362
vi. 6th year of rotation	oats/alf	1349 110	1356 101	1363

3. Was a cover crop planted on this field for the 2024, 2023, or 2022 crop years?

1471 1 [ ] Yes — Continue 3 [X] No — Go to Item 4.

Page 11 Answers

		Code	
4.	Is the field adjacent (within 100 feet up slope) to a water body, including a stream, intermittent stream, wetland, drainage ditch, or irrigation canal/ditch?	Yes = 1 No = 3	1327 3
5.	Are irrigation/drainage ditches lined or vegetated to maintain a stable channel?	Yes = 1 No = 3	1364 3
6.	Does this field have subsurface (tile) drainage?		1341 3

1 ☐ Yes — Continue 3 ☒ No — Go to Item 7. 2 ☐ Don't Know — Go to Item 7.

a.	Are the drainage tiles organized in a pattern? ..... [If Yes — Continue. If No — Go to Item 6c.]	Yes = 1 No = 3	1781
b.	What is the approximate subsurface (tile) drain spacing?		1782

1 — less than 30 ft. **2** — 30-59 ft. **3** — 60-100 ft. **4** — Greater than 100 ft.

c.	Are the surface inlet pipes connected to the subsurface (tile) drains in this field?	Yes = 1 No = 3	1783
d.	What depth are the subsurface tile drains installed at?	Inches	0854
7.	Does this field have surface drainage structures?	Yes = 1 No = 3	1342 3

Section D – Commercial Fertilizer Application
and
Section E – Manure Application

Section D – Commercial Fertilizer Application

Purpose

- Section D – Commercial Fertilizers
  - Determine whether commercial fertilizer products were applied to meet crop growth needs.
  - Determine the rate fertilizer products were applied on the field.
  - Determine when fertilizer products were applied.
  - Determine the form of products applied.
  - Determine how the fertilizer products were applied.

What are Fertilizers

- Can be Organic or Inorganic
- Natural or Synthetic

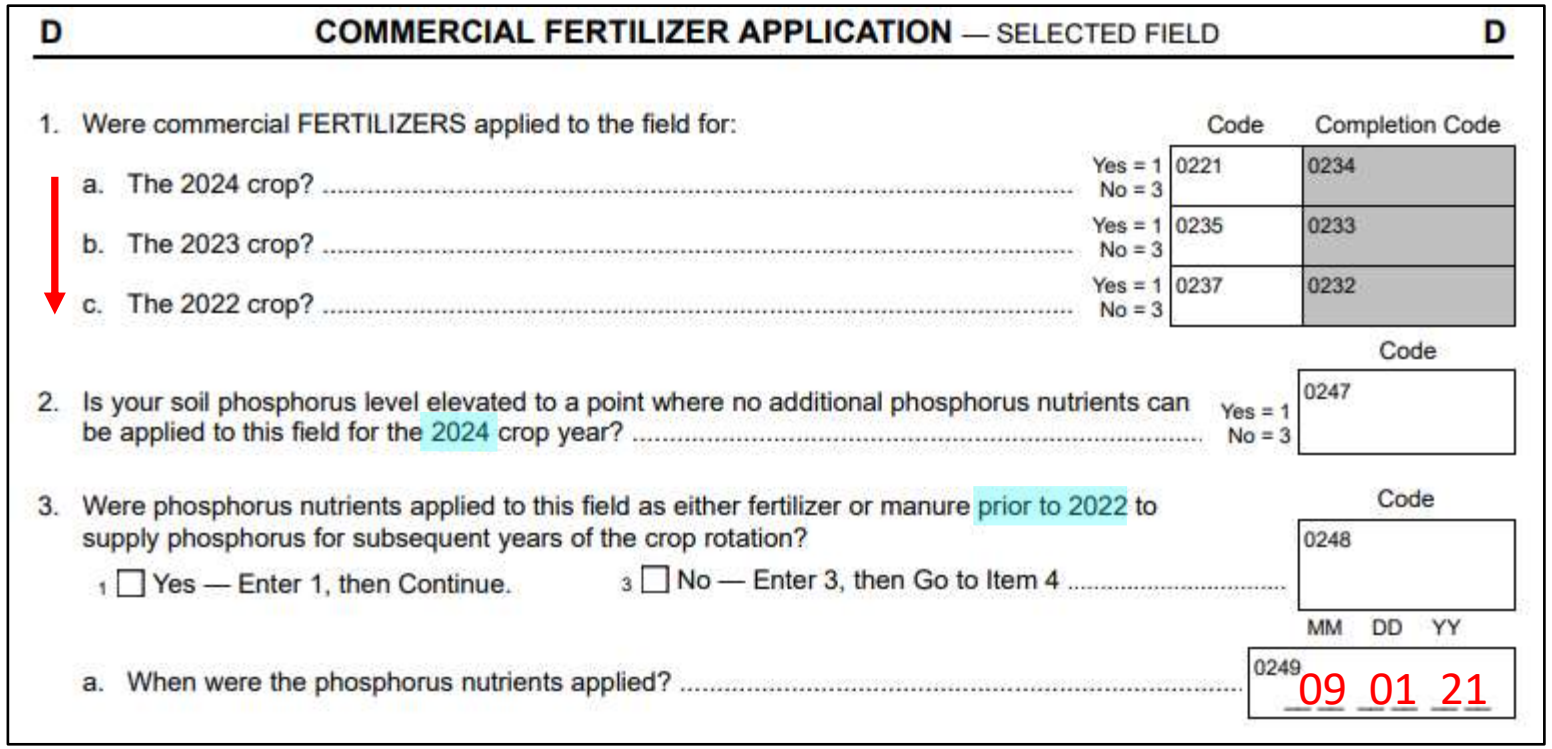
- Supplies one or more essential nutrients for crop growth
  - Nitrogen (N)
  - Phosphorus (P_2O_5)
  - Potassium (K_2O)

Commercial Fertilizers vs. Manures

- Reported separately for CEAP
  - Section D – Commercial Fertilizers
  - Section E – Manures

- Why Separate Fertilizers and Manures
  - Manures are bulkier and stored/applied differently
  - Differences affect N & P losses on the field

Section D – Commercial Fertilizers



D **COMMERCIAL FERTILIZER APPLICATION** — SELECTED FIELD **D**

1. Were commercial FERTILIZERS applied to the field for:

		Code	Completion Code
a. The 2024 crop?	Yes = 1 No = 3	0221	0234
b. The 2023 crop?	Yes = 1 No = 3	0235	0233
c. The 2022 crop?	Yes = 1 No = 3	0237	0232

2. Is your soil phosphorus level elevated to a point where no additional phosphorus nutrients can be applied to this field for the 2024 crop year? Yes = 1 No = 3 — Code 0247

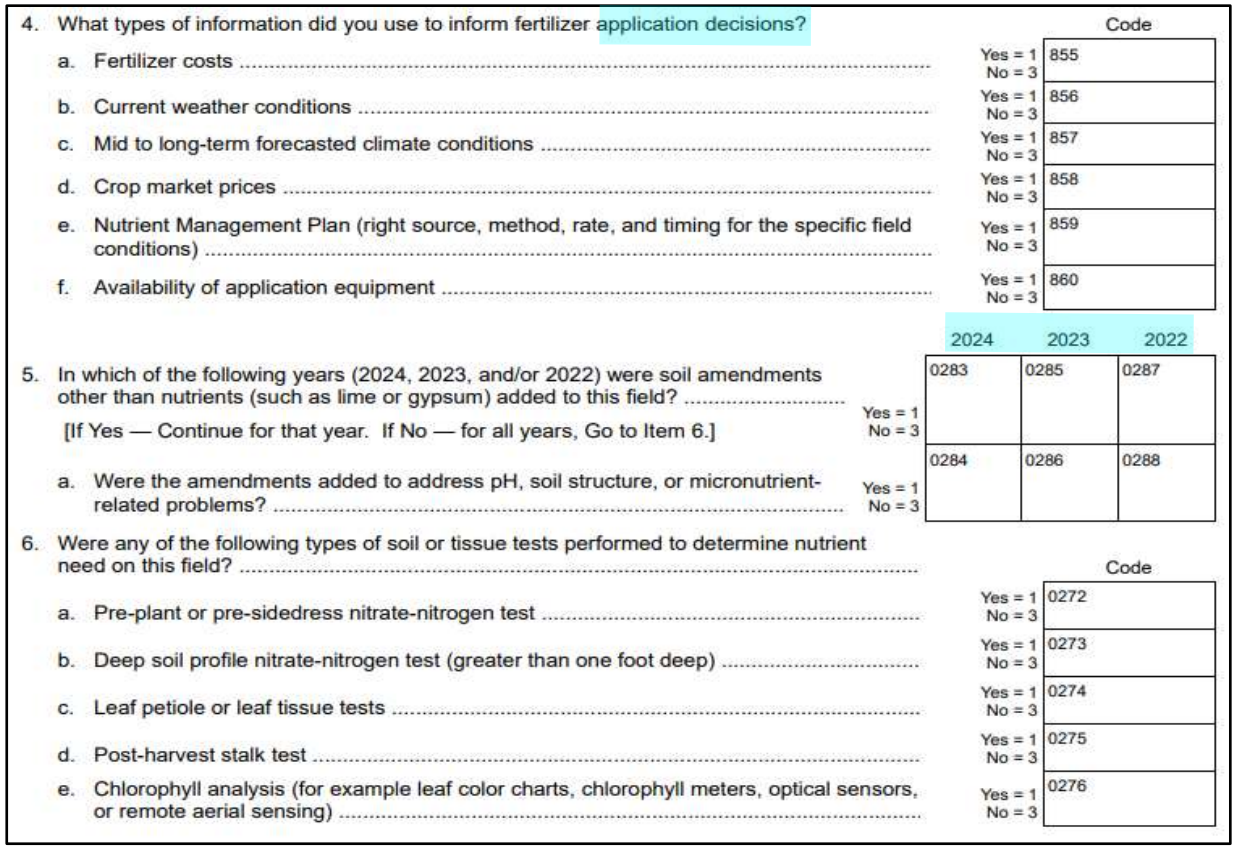
3. Were phosphorus nutrients applied to this field as either fertilizer or manure prior to 2022 to supply phosphorus for subsequent years of the crop rotation? Code 0248

1 ☐ Yes — Enter 1, then Continue. 3 ☐ No — Enter 3, then Go to Item 4

a. When were the phosphorus nutrients applied? 0249 MM DD YY: 09 01 21

- Start with 2024 and work back to 2022
- Don’t record Manure for Question 1
- Questions 2 & 3 apply to Phosphorus

Section D – Commercial Fertilizers



		Code
4. What types of information did you use to inform fertilizer application decisions?		
a. Fertilizer costs	Yes = 1 No = 3	855
b. Current weather conditions	Yes = 1 No = 3	856
c. Mid to long-term forecasted climate conditions	Yes = 1 No = 3	857
d. Crop market prices	Yes = 1 No = 3	858
e. Nutrient Management Plan (right source, method, rate, and timing for the specific field conditions)	Yes = 1 No = 3	859
f. Availability of application equipment	Yes = 1 No = 3	860

		2024	2023	2022
5. In which of the following years (2024, 2023, and/or 2022) were soil amendments other than nutrients (such as lime or gypsum) added to this field? [If Yes — Continue for that year. If No — for all years, Go to Item 6.]	Yes = 1 No = 3	0283	0285	0287
a. Were the amendments added to address pH, soil structure, or micronutrient-related problems?	Yes = 1 No = 3	0284	0286	0288

		Code
6. Were any of the following types of soil or tissue tests performed to determine nutrient need on this field?		
a. Pre-plant or pre-sidedress nitrate-nitrogen test	Yes = 1 No = 3	0272
b. Deep soil profile nitrate-nitrogen test (greater than one foot deep)	Yes = 1 No = 3	0273
c. Leaf petiole or leaf tissue tests	Yes = 1 No = 3	0274
d. Post-harvest stalk test	Yes = 1 No = 3	0275
e. Chlorophyll analysis (for example leaf color charts, chlorophyll meters, optical sensors, or remote aerial sensing)	Yes = 1 No = 3	0276

- Record information used to make application decisions
- Soil amendments other than commercial fertilizer
- Ask for the results/records of soil or tissue tests

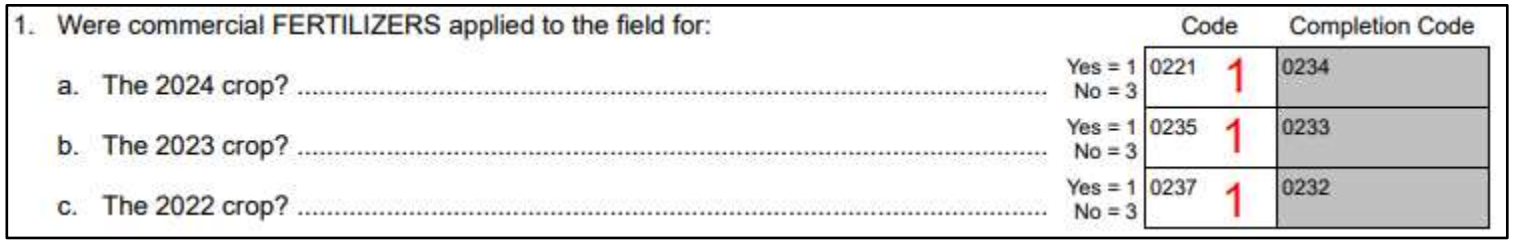
Section D – Commercial Fertilizers

		2024	2023	2022
7. In which of the following years (2024, 2023, and/or 2022) was Global Positioning System (GPS) device used to georeference and/or produce a map of the soil properties of this field (such as soil nitrate levels, pH, etc.)? ..... [If Yes — Any crop year, Continue.] [If No — All crop years, Go to Item 8.]	Yes = 1 No = 3	1299	1310	1321

		2024	2023	2022
a. Was the map based on random sampling?	Yes = 1 No = 3	0277	0279	0281
b. Was the map based on grid sampling?	Yes = 1 No = 3	0278	0280	0282
c. Was the map based on an instrument that measured electrical conductivity of the soil?	Yes = 1 No = 3	1301	1312	1323
8. Was yield monitoring data used to adjust fertilizer application rates within the field?	Yes = 1 No = 3	0861	0862	0863
9. Was in-soil application fertilizer placement (distance from root zone) adjusted for optimal plant availability?	Yes = 1 No = 3	0864	0865	0866
10. Was remote sensing used to monitor nutrient needs? ..... [Remote sensing is the use of satellites or aircraft (planes, drones, etc.) to scan a field to obtain information about the plant or soil conditions within the field.]	Yes = 1 No = 3	0867	0868	0869

Commercial Fertilizer Applications Tables

- Separate table for 2024, 2023, and 2022.
- Ask the operator to obtain records to assist with tables.
- Data Collection should match what was reported earlier.

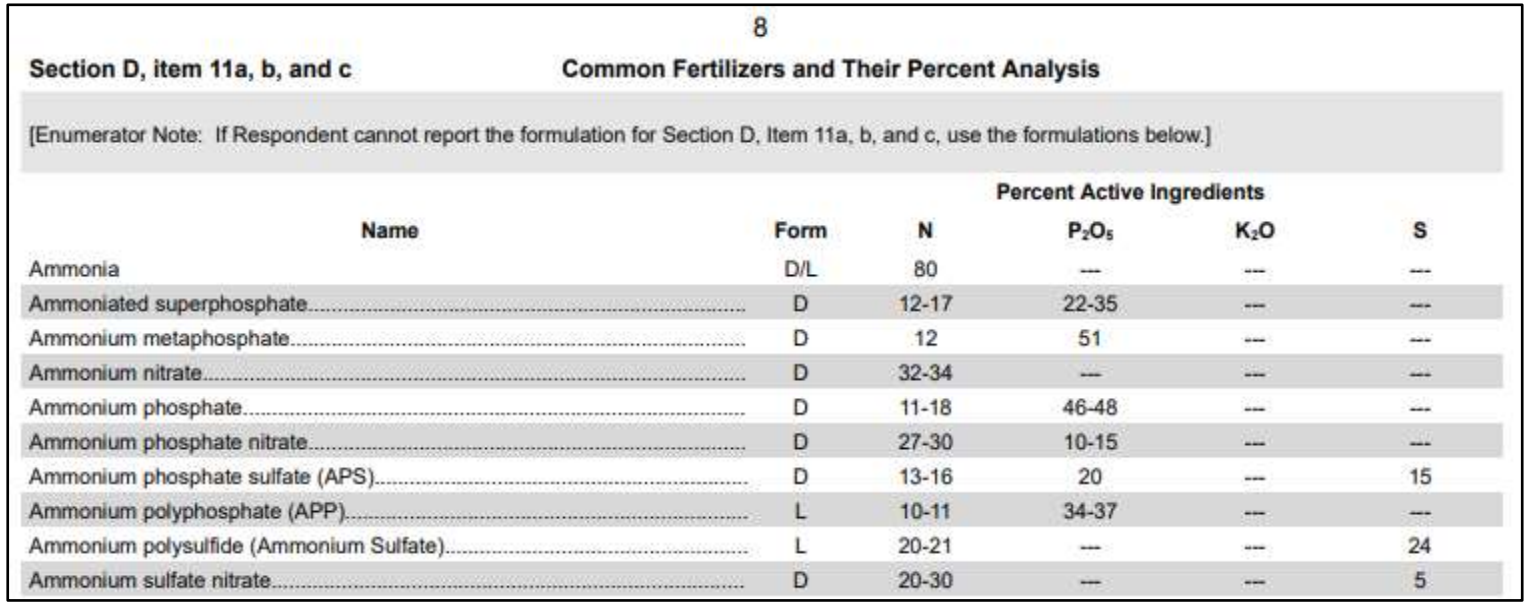


1. Were commercial FERTILIZERS applied to the field for:		Code	Completion Code
a. The 2024 crop?	Yes = 1 No = 3	0221 1	0234
b. The 2023 crop?	Yes = 1 No = 3	0235 1	0233
c. The 2022 crop?	Yes = 1 No = 3	0237 1	0232

- Respondent booklet pages 4-7, 8-9.
- Survey Supplement sheet available.

Section D – Respondent Booklet

- Crop Codes on pages 4-7
- Common fertilizer products on pages 8-9



8

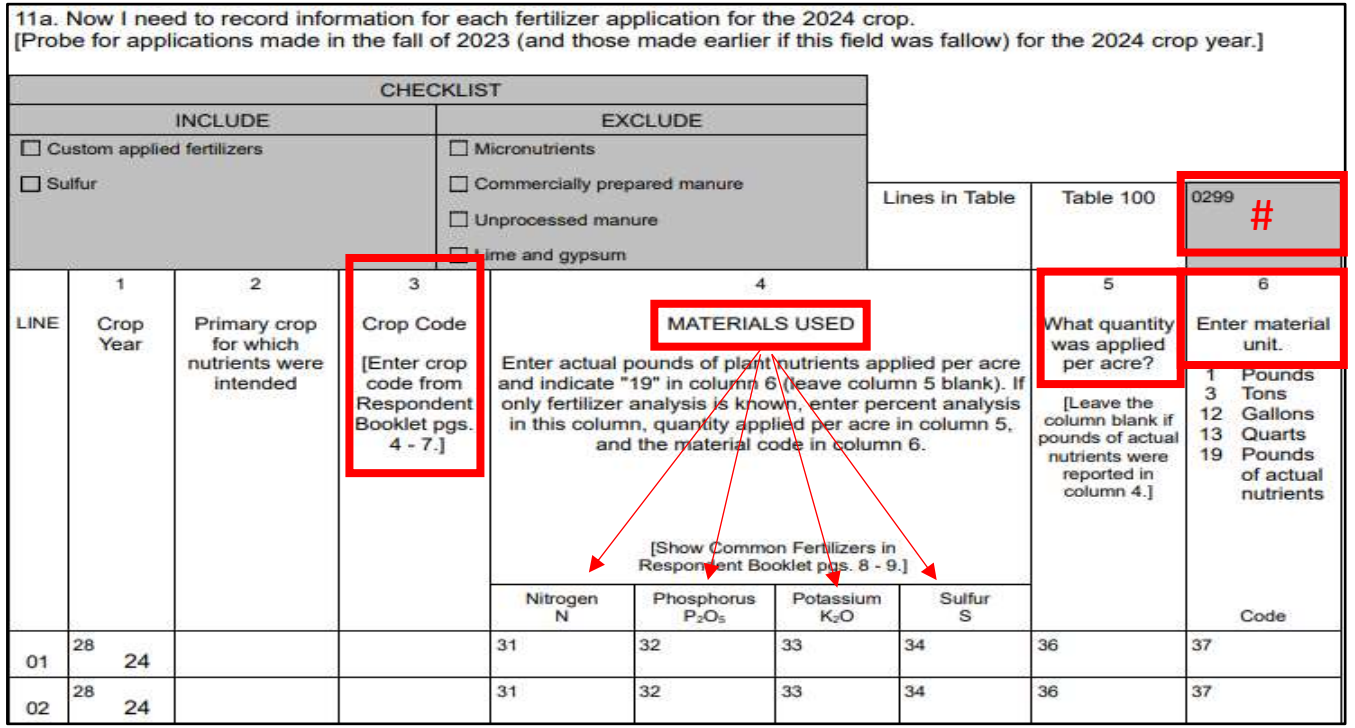
Section D, item 11a, b, and c **Common Fertilizers and Their Percent Analysis**

[Enumerator Note: If Respondent cannot report the formulation for Section D, Item 11a, b, and c, use the formulations below.]

Name	Form	Percent Active Ingredients N	P_2O_5	K_2O	S
Ammonia	D/L	80	---	---	---
Ammoniated superphosphate	D	12-17	22-35	---	---
Ammonium metaphosphate	D	12	51	---	---
Ammonium nitrate	D	32-34	---	---	---
Ammonium phosphate	D	11-18	46-48	---	---
Ammonium phosphate nitrate	D	27-30	10-15	---	---
Ammonium phosphate sulfate (APS)	D	13-16	20	---	15
Ammonium polyphosphate (APP)	L	10-11	34-37	---	---
Ammonium polysulfide (Ammonium Sulfate)	L	20-21	---	---	24
Ammonium sulfate nitrate	D	20-30	---	---	5

Commercial Fertilizer Applications Tables

- Sheet 1 – Table columns 1-6
  - Target crop
  - Product used
  - Rate
  - Unit
  - Line #



11a. Now I need to record information for each fertilizer application for the 2024 crop.
[Probe for applications made in the fall of 2023 (and those made earlier if this field was fallow) for the 2024 crop year.]

CHECKLIST	
INCLUDE	EXCLUDE
☐ Custom applied fertilizers	☐ Micronutrients
☐ Sulfur	☐ Commercially prepared manure
	☐ Unprocessed manure
	☐ Lime and gypsum

Lines in Table | Table 100 | 0299 #

LINE	1 Crop Year	2 Primary crop for which nutrients were intended	3 Crop Code [Enter crop code from Respondent Booklet pgs. 4 - 7.]	4 MATERIALS USED: Enter actual pounds of plant nutrients applied per acre and indicate "19" in column 6 (leave column 5 blank). If only fertilizer analysis is known, enter percent analysis in this column, quantity applied per acre in column 5, and the material code in column 6. [Show Common Fertilizers in Respondent Booklet pgs. 8 - 9.] Nitrogen N	Phosphorus P_2O_5	Potassium K_2O	Sulfur S	5 What quantity was applied per acre? [Leave the column blank if pounds of actual nutrients were reported in column 4.]	6 Enter material unit. 1 Pounds 3 Tons 12 Gallons 13 Quarts 19 Pounds of actual nutrients Code
01	28 24			31	32	33	34	36	37
02	28 24			31	32	33	34	36	37

Commercial Fertilizer Applications Tables

- Sheet 2 – Table columns 7-12
  - When and How applied
  - Form of fertilizer used
  - Nitrogen Breakdown
  - VRT use

Codes Descriptions: IM pages 90-94

APPLICATION CODES FOR COLUMN 8	PRODUCT USED TO SLOW BREAKDOWN OF NITROGEN FOR COLUMN 11	FERTILIZER FORM FOR COLUMN 12
1 Broadcast, ground without incorporation 2 Broadcast, ground with incorporation 3 Broadcast by aircraft 4 In seed furrow 5 In irrigation water (fertigation) 6 Chiseled/injected or knifed in 7 Banded/side-dressed on the soil surface 8 Foliar or directed spray	1 Nitrification inhibitor 2 Urease inhibitor 3 Chemical-coated fertilizers (such as sulfur-coated and polymer-coated urea) 4 Other Inhibitors (specify) 0907 _____ 5 None	1 Ammonia-based 2 Not ammonia-based

LINE	7 When was this applied? MM DD YY	8 How was this applied? [Enter code from box above.]	9 How many acres were treated in this application? Acres	10 Was variable rate technology (VRT) used? [Include "on-the-go" sensing.] Yes = 1 No = 3	11 Nitrogen slow-breakdown product [Enter code from box above.]	12 Fertilizer form [Enter code from box above.]	NOTES
01	30 _ _ _ _ _ _	39	40 _ _ _ . _ _	29	26	27	
02	30 _ _ _ _ _ _	39	40 _ _ _ . _ _	29	26	27	

2024 Table Practice

- Oats have been planned in the Selected Field in 2024. The operator reports applying commercial fertilizer twice.
- The operator provides the nutrient analysis for both applications.

Application 1(Sheet 1 - Line 1):

The percent analysis reported is 60% Potassium and 5% Sulfur at 200 pounds per acre.

Application 1(Sheet 2 – Line 1):

On April 3, 2024, fertilizer was applied to 25.9 acres by ground broadcast with incorporation. VRT was used on the selected field. Nitrogen breakdown products were not used and the fertilizer not ammonia based

Nutrient Analysis

Sheet 1 – Line 1

CHECKLIST										
INCLUDE				EXCLUDE						
☐ Custom applied fertilizers ☐ Sulfur				☐ Micronutrients ☐ Commercially prepared manure ☐ Unprocessed manure ☐ Lime and gypsum				Lines in Table	Table 100	0299 2
LINE	1 Crop Year	2 Primary crop for which nutrients were intended	3 Crop Code [Enter crop code from Respondent Booklet pgs. 4 - 7.]	4 MATERIALS USED Enter actual pounds of plant nutrients applied per acre and indicate "19" in column 6 (leave column 5 blank). If only fertilizer analysis is known, enter percent analysis in this column, quantity applied per acre in column 5, and the material code in column 6. [Show Common Fertilizers in Respondent Booklet pgs. 8 - 9.]				5 What quantity was applied per acre? [Leave the column blank if pounds of actual nutrients were reported in column 4.]	6 Enter material unit. 1 Pounds 3 Tons 12 Gallons 13 Quarts 19 Pounds of actual nutrients	
				Nitrogen N	Phosphorus P_2O_5	Potassium K_2O	Sulfur S			Code
01	28 24	oats	110	31 --	32 --	33 60	34 5	36 200	37 1	

Nutrient Analysis

Sheet 2 – Line 1

APPLICATION CODES FOR COLUMN 8	PRODUCT USED TO SLOW BREAKDOWN OF NITROGEN FOR COLUMN 11	FERTILIZER FORM FOR COLUMN 12
1 Broadcast, ground without incorporation 2 Broadcast, ground with incorporation 3 Broadcast by aircraft 4 In seed furrow 5 In irrigation water (fertigation) 6 Chiseled/injected or knifed in 7 Banded/side-dressed on the soil surface 8 Foliar or directed spray	1 Nitrification inhibitor 2 Urease inhibitor 3 Chemical-coated fertilizers (such as sulfur-coated and polymer-coated urea) 4 Other Inhibitors (specify) 0907 _____ 5 None	1 Ammonia-based 2 Not ammonia-based

LINE	7 When was this applied? MM DD YY	8 How was this applied? [Enter code from box above.]	9 How many acres were treated in this application? Acres	10 Was variable rate technology (VRT) used? [Include "on-the-go" sensing.] Yes = 1 No = 3	11 Nitrogen slow-breakdown product [Enter code from box above.]	12 Fertilizer form [Enter code from box above.]	NOTES
01	30 040324	39 2	40 25.9	29 1	26 5	27 2	

2024 Table Practice

- Oats have been planned in the Selected Field in 2024. The operator reports applying commercial fertilizer twice.
- The operator provides the nutrient analysis for both applications.

Application 2(Sheet 1 - Line 2):

The percent analysis reported is 21% Nitrogen and 24% Sulfur at 50 pounds per acre.

Application 2(Sheet 2 – Line 2):

On April 10, 2024, fertilizer was applied to 25.9 acres by ground broadcast with incorporation. VRT was used on the selected field. Nitrogen breakdown products were not used and the fertilizer not ammonia based

Nutrient Analysis

Sheet 1 – Line 2

CHECKLIST	
INCLUDE	EXCLUDE
☐ Custom applied fertilizers	☐ Micronutrients
☐ Sulfur	☐ Commercially prepared manure
	☐ Unprocessed manure
	☐ Lime and gypsum

Lines in Table	Table 100	0299 2

LINE	1 Crop Year	2 Primary crop for which nutrients were intended	3 Crop Code [Enter crop code from Respondent Booklet pgs. 4 - 7.]	4 MATERIALS USED Enter actual pounds of plant nutrients applied per acre and indicate "19" in column 6 (leave column 5 blank). If only fertilizer analysis is known, enter percent analysis in this column, quantity applied per acre in column 5, and the material code in column 6. [Show Common Fertilizers in Respondent Booklet pgs. 8 - 9.]				5 What quantity was applied per acre? [Leave the column blank if pounds of actual nutrients were reported in column 4.]	6 Enter material unit. 1 Pounds 3 Tons 12 Gallons 13 Quarts 19 Pounds of actual nutrients
				Nitrogen N	Phosphorus P_2O_5	Potassium K_2O	Sulfur S		Code
01	28 24	oats	110	31 --	32 --	33 60	34 5	36 200	37 1
02	28 24	oats	110	31 21	32 --	33 --	34 24	36 50	37 1

Nutrient Analysis

Sheet 2 – Line 2

APPLICATION CODES FOR COLUMN 8	PRODUCT USED TO SLOW BREAKDOWN OF NITROGEN FOR COLUMN 11	FERTILIZER FORM FOR COLUMN 12
1 Broadcast, ground without incorporation 2 Broadcast, ground with incorporation 3 Broadcast by aircraft 4 In seed furrow 5 In irrigation water (fertigation) 6 Chiseled/injected or knifed in 7 Banded/side-dressed on the soil surface 8 Foliar or directed spray	1 Nitrification inhibitor 2 Urease inhibitor 3 Chemical-coated fertilizers (such as sulfur-coated and polymer-coated urea) 4 Other Inhibitors (specify) 0907 _____ 5 None	1 Ammonia-based 2 Not ammonia-based

LINE	7 When was this applied? MM DD YY	8 How was this applied? [Enter code from box above.]	9 How many acres were treated in this application? Acres	10 Was variable rate technology (VRT) used? [Include "on-the-go" sensing.] Yes = 1 No = 3	11 Nitrogen slow-breakdown product [Enter code from box above.]	12 Fertilizer form [Enter code from box above.]	NOTES
01	30 040324	39 2	40 25.9	29 1	26 5	27 2	
02	30 041024	39 2	40 25.9	29 1	26 5	27 2	

2023 Tables

CHECKLIST			
INCLUDE	EXCLUDE		
☐ Custom applied fertilizers	☐ Micronutrients		
☐ Sulfur	☐ Commercially prepared manure	Lines in Table	Table 200
	☐ Unprocessed manure	0299	3
	☐ Lime and gypsum		

LINE	1 Crop Year	2 Primary crop for which nutrients were intended	3 Crop Code [Enter crop code from Respondent Booklet pgs. 4 - 7.]	4 MATERIALS USED Enter actual pounds of plant nutrients applied per acre and indicate "19" in column 6 (leave column 5 blank). If only fertilizer analysis is known, enter percent analysis in this column, quantity applied per acre in column 5, and the material code in column 6. [Show Common Fertilizers in Respondent Booklet pgs. 8 - 9.]				5 What quantity was applied per acre? [Leave the column blank if pounds of actual nutrients were reported in column 4.]	6 Enter material unit. 1 Pounds 3 Tons 12 Gallons 13 Quarts 19 Pounds of actual nutrients
				Nitrogen N	Phosphorus P_2O_5	Potassium K_2O	Sulfur S		CODE
01	28 23	corn-s	189	31 46	32 --	33 --	34 --	36 250	37 1
02	28 23	corn-s	189	31 21	32 --	33 --	34 24	36 100	37 1
03	28 23	corn-s	189	31 10	32 34	33 --	34 --	36 60	37 1

APPLICATION CODES FOR COLUMN 8	PRODUCT USED TO SLOW BREAKDOWN OF NITROGEN FOR COLUMN 11	FERTILIZER FORM FOR COLUMN 12
1 Broadcast, ground without incorporation 2 Broadcast, ground with incorporation 3 Broadcast by aircraft 4 In seed furrow 5 In irrigation water (fertigation) 6 Chiseled/injected or knifed in 7 Banded/side-dressed on the soil surface 8 Foliar or directed spray	1 Nitrification inhibitor 2 Urease inhibitor 3 Chemical-coated fertilizers (such as sulfur-coated and polymer-coated urea) 4 Other Inhibitors (specify) 0908 _____ 5 None	1 Ammonia-based 2 Not ammonia-based

LINE	7 When was this applied? MM DD YY	8 How was this applied? [Enter code from box above.]	9 How many acres were treated in this application? Acres	10 Was variable rate technology (VRT) used? [Include "on-the-go" sensing.] Yes = 1 No = 3	11 Nitrogen slow-breakdown product [Enter code from box above.]	12 Fertilizer form [Enter code from box above.]	NOTES
01	30 042023	39 4	40 25.9	29 3	26 5	27 2	
02	30 042023	39 4	40 25.9	29 3	26 5	27 1	
03	30 042023	39 4	40 25.9	29 3	26 5	27 1	

2022 Tables

CHECKLIST			
INCLUDE	EXCLUDE		
☐ Custom applied fertilizers	☐ Micronutrients	Lines in Table	Table 300
☐ Sulfur	☐ Commercially prepared manure		0299
	☐ Unprocessed manure		3
	☐ Lime and gypsum		

LINE	1 Crop Year	2 Primary crop for which nutrients were intended	3 Crop Code [Enter crop code from Respondent Booklet pgs. 4 - 7.]	4 MATERIALS USED — Enter actual pounds of plant nutrients applied per acre and indicate "19" in column 6 (leave column 5 blank). If only fertilizer analysis is known, enter percent analysis in this column, quantity applied per acre in column 5, and the material code in column 6. [Show Common Fertilizers in Respondent Booklet pgs. 8 - 9.] Nitrogen N	Phosphorus P_2O_5	Potassium K_2O	Sulfur S	5 What quantity was applied per acre? [Leave the column blank if pounds of actual nutrients were reported in column 4.]	6 Enter material unit. 1 Pounds 3 Tons 12 Gallons 13 Quarts 19 Pounds of actual nutrients CODE
01	28 22	corn-g	188	31 46	32 --	33 --	34 --	36 250	37 1
02	28 22	corn-g	188	31 21	32 --	33 --	34 24	36 100	37 1
03	28 22	corn-g	188	31 10	32 34	33 --	34 --	36 60	37 1

APPLICATION CODES FOR COLUMN 8	PRODUCT USED TO SLOW BREAKDOWN OF NITROGEN FOR COLUMN 11	FERTILIZER FORM FOR COLUMN 12
1 Broadcast, ground without incorporation	1 Nitrification inhibitor	1 Ammonia-based
2 Broadcast, ground with incorporation	2 Urease inhibitor	2 Not ammonia-based
3 Broadcast by aircraft	3 Chemical-coated fertilizers (such as sulfur-coated and polymer-coated urea)	
4 In seed furrow	4 Other Inhibitors (specify) 0909 _____	
5 In irrigation water (fertigation)	5 None	
6 Chiseled/injected or knifed in		
7 Banded/side-dressed on the soil surface		
8 Foliar or directed spray		

LINE	7 When was this applied? MM DD YY	8 How was this applied? [Enter code from box above.]	9 How many acres were treated in this application? Acres	10 Was variable rate technology (VRT) used? [Include "on-the-go" sensing.] Yes = 1 No = 3	11 Nitrogen slow-breakdown product [Enter code from box above.]	12 Fertilizer form [Enter code from box above.]	NOTES
01	30 041822	39 4	40 25.9	29 3	26 5	27 2	
02	30 041822	39 4	40 25.9	29 3	26 5	27 1	
03	30 041822	39 4	40 25.9	29 3	26 5	27 1	

Fertilizer Tables for 2024, 2023, and 2022

Key Points

- Things change from year to year.
- Probe for fertilizer applications in the fall of the previous year.
- Actual Pounds of Nutrients vs. Nutrient Analysis recording.
- Data connects throughout the survey.
- Take your time on the tables.

Section E – Manure Application

Purpose

- Section E – Manure
  - Determine whether manures were applied
  - Determine the rate manures were applied
  - Determine when manures were applied
  - Determine the form of nutrient content
  - Determine how the manures were applied

Manure or Manure Compost

- Includes solids and effluents from:
  - Waste lagoons
  - Waste holding ponds
  - Waste runoff storage ponds
- Include Commercially prepared manure
- If none used in any year, go to Section F

Section E – Manure Application

E **MANURE APPLICATIONS** — SELECTED FIELD **E**

1. Was manure or manure compost applied to this field for the 2024, 2023, or 2022 crop year?

Manure application includes solids and effluents from waste lagoons, waste holding ponds, and waste runoff storage ponds. (Include commercially prepared manure.)

[Probe for applications made in the fall of 2021, 2022, and 2023 (and those made earlier if this field was fallow) for the 2022, 2023, and 2024 crop years.]

1 ☐ Yes — [Enter 1 and continue.]

3 ☐ No — [Enter 3, then Go to SECTION F.].....

Code

0418

Manure Application

- Sheet 1 – Table columns 1-7
  - Years
  - Crops
  - Quantity
  - Units
  - How
  - Testing
  - Inhibitor

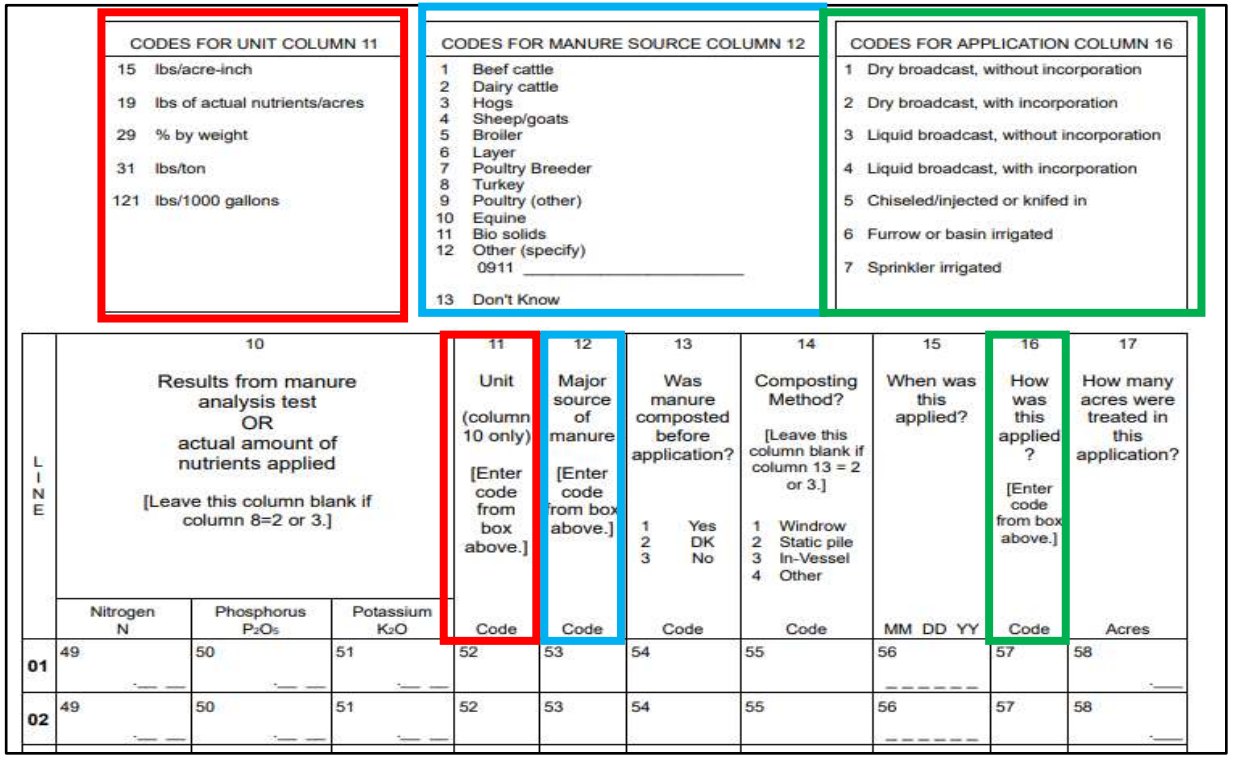
2. Now I need to record information for each manure application.

Lines in Table	Table 001	0599

LINE	1 Crop Year YY	2 Primary crop for which nutrients were intended	3 Crop Code [Enter crop code from Respondent Booklet pgs. 4 - 7.] Code	4 What quantity of manure was applied per acre?	5 Unit (column 4 only) 1 Pounds 3 Tons 4 Bushels 12 Gallons 14 Acre - inches Code	6 Where was the manure produced? 1 On this operation 2 Purchased 3 Obtained at no cost off the operation 4 Obtained with compensation 5 Commercially prepared manure Code	7 How was the manure handled? 1 Solid 2 Liquid 3 Slurry Code	8 Was manure tested before application? 1 Yes 2 Don't Know (DK) 3 No Code	9 Nitrogen inhibitor applied with manure 1 Nitrification inhibitor 2 Urease inhibitor 3 None Code
01	42 __ __			44 ___ . ___	45	46	47	48	59
02	42 __ __			44 ___ . ___	45	46	47	48	59

Manure Application

- Sheet 2 – Table columns 10-17
  - Test Results or Amounts
  - Unit
  - Sources
  - Composting
  - When
  - How
  - Acres



CODES FOR UNIT COLUMN 11

15 lbs/acre-inch
19 lbs of actual nutrients/acres
29 % by weight
31 lbs/ton
121 lbs/1000 gallons

CODES FOR MANURE SOURCE COLUMN 12

1 Beef cattle
2 Dairy cattle
3 Hogs
4 Sheep/goats
5 Broiler
6 Layer
7 Poultry Breeder
8 Turkey
9 Poultry (other)
10 Equine
11 Bio solids
12 Other (specify) 0911 _____
13 Don't Know

CODES FOR APPLICATION COLUMN 16

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	10 Results from manure analysis test OR actual amount of nutrients applied [Leave this column blank if column 8=2 or 3.]			11 Unit (column 10 only) [Enter code from box above.]	12 Major source of manure [Enter code from box above.]	13 Was manure composted before application? 1 Yes 2 DK 3 No	14 Composting Method? [Leave this column blank if column 13 = 2 or 3.] 1 Windrow 2 Static pile 3 In-Vessel 4 Other	15 When was this applied?	16 How was this applied? [Enter code from box above.]	17 How many acres were treated in this application?
	Nitrogen N	Phosphorus P_2O_5	Potassium K_2O	Code	Code	Code	Code	MM DD YY	Code	Acres
01	49 .__ __	50 .__ __	51 .__ __	52	53	54	55	56 _ _ _ _ _ _	57	58 .__
02	49 .__ __	50 .__ __	51 .__ __	52	53	54	55	56 _ _ _ _ _ _	57	58 .__

Section E – Manure Example

2023 Manure Application(Sheet 1 - Line 1):

In 2023, Corn for Silage was planted in the selected field. The operator reports 4000 gallons per acre of liquid manure was produced on the operation and applied to the field. The manure was not tested, and nitrogen inhibitors were not applied.

2023 Manure Application(Sheet 2 - Line 1):

The manure was sourced from dairy cattle on the operation and was not composed before applied. Manure was applied on all 25.9 acres on April 15, 2023, by liquid broadcast without incorporation.

Section E – Manure Application

E **MANURE APPLICATIONS** — SELECTED FIELD **E**

1. Was manure or manure compost applied to this field for the 2024, 2023, or 2022 crop year?

Manure application includes solids and effluents from waste lagoons, waste holding ponds, and waste runoff storage ponds. (Include commercially prepared manure.)

[Probe for applications made in the fall of 2021, 2022, and 2023 (and those made earlier if this field was fallow) for the 2022, 2023, and 2024 crop years.]

1 ☒ Yes — [Enter 1 and continue.]

3 ☐ No — [Enter 3, then Go to SECTION F.].....

Code

0418 1

2023 Manure Application (Sheet 1 - Line 1)

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

Lines in Table	Table 001	0599 2

LINE	1 Crop Year YY	2 Primary crop for which nutrients were intended	3 Crop Code [Enter crop code from Respondent Booklet pgs. 4 - 7.] Code	4 What quantity of manure was applied per acre?	5 Unit (column 4 only) 1 Pounds 3 Tons 4 Bushels 12 Gallons 14 Acre - inches Code	6 Where was the manure produced? 1 On this operation 2 Purchased 3 Obtained at no cost off the operation 4 Obtained with compensation 5 Commercially prepared manure Code	7 How was the manure handled? 1 Solid 2 Liquid 3 Slurry Code	8 Was manure tested before application? 1 Yes 2 Don't Know (DK) 3 No Code	9 Nitrogen inhibitor applied with manure 1 Nitrification inhibitor 2 Urease inhibitor 3 None Code
01	42 23	corn-s	189	44 4000.0	45 12	46 1	47 2	48 3	59 3

2023 Manure Application (Sheet 2 - Line 1)

CODES FOR UNIT COLUMN 11	
15	lbs/acre-inch
19	lbs of actual nutrients/acres
29	% by weight
31	lbs/ton
121	lbs/1000 gallons

CODES FOR MANURE SOURCE COLUMN 12	
1	Beef cattle
2	Dairy cattle
3	Hogs
4	Sheep/goats
5	Broiler
6	Layer
7	Poultry Breeder
8	Turkey
9	Poultry (other)
10	Equine
11	Bio solids
12	Other (specify) 0911 _____
13	Don't Know

CODES FOR APPLICATION COLUMN 16	
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	10 Results from manure analysis test OR actual amount of nutrients applied [Leave this column blank if column 8=2 or 3.]			11 Unit (column 10 only) [Enter code from box above.]	12 Major source of manure [Enter code from box above.]	13 Was manure composted before application? 1 Yes 2 DK 3 No	14 Composting Method? [Leave this column blank if column 13 = 2 or 3.] 1 Windrow 2 Static pile 3 In-Vessel 4 Other	15 When was this applied?	16 How was this applied? [Enter code from box above.]	17 How many acres were treated in this application?
	Nitrogen N	Phosphorus P_2O_5	Potassium K_2O	Code	Code	Code	Code	MM DD YY	Code	Acres
01	49	50	51	52	53 2	54 3	55	56 041523	57 3	58 25.9

Section E – Manure Example

2022 Manure Application(Sheet 1 - Line 2):

In 2022, Corn for Grain was planted in the selected field. The operator reports 4000 gallons per acre of liquid manure was produced on the operation and applied to the field. The manure was not tested, and nitrogen inhibitors were not applied.

2022 Manure Application(Sheet 2 - Line 2):

The manure was sourced from dairy cattle on the operation and was not composed before applied. Manure was applied on all 25.9 acres on April 15, 2022, by liquid broadcast without incorporation.

2022 Manure Application (Sheet 1 - Line 2)

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

Lines in Table	Table 001	0599 2

LINE	1 Crop Year YY	2 Primary crop for which nutrients were intended	3 Crop Code [Enter crop code from Respondent Booklet pgs. 4 - 7.] Code	4 What quantity of manure was applied per acre?	5 Unit (column 4 only) 1 Pounds 3 Tons 4 Bushels 12 Gallons 14 Acre - inches Code	6 Where was the manure produced? 1 On this operation 2 Purchased 3 Obtained at no cost off the operation 4 Obtained with compensation 5 Commercially prepared manure Code	7 How was the manure handled? 1 Solid 2 Liquid 3 Slurry Code	8 Was manure tested before application? 1 Yes 2 Don't Know (DK) 3 No Code	9 Nitrogen inhibitor applied with manure 1 Nitrification inhibitor 2 Urease inhibitor 3 None Code
01	42 23	corn-s	189	44 4000.0	45 12	46 1	47 2	48 3	59 3
02	42 22	corn-g	188	44 4000.0	45 12	46 1	47 2	48 3	59 3

2022 Manure Application (Sheet 2 - Line 2)

CODES FOR UNIT COLUMN 11	
15	lbs/acre-inch
19	lbs of actual nutrients/acres
29	% by weight
31	lbs/ton
121	lbs/1000 gallons

CODES FOR MANURE SOURCE COLUMN 12	
1	Beef cattle
2	Dairy cattle
3	Hogs
4	Sheep/goats
5	Broiler
6	Layer
7	Poultry Breeder
8	Turkey
9	Poultry (other)
10	Equine
11	Bio solids
12	Other (specify) 0911 _____
13	Don't Know

CODES FOR APPLICATION COLUMN 16	
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	10 Results from manure analysis test OR actual amount of nutrients applied [Leave this column blank if column 8=2 or 3.]			11 Unit (column 10 only) [Enter code from box above.]	12 Major source of manure [Enter code from box above.]	13 Was manure composted before application? 1 Yes 2 DK 3 No	14 Composting Method? [Leave this column blank if column 13 = 2 or 3.] 1 Windrow 2 Static pile 3 In-Vessel 4 Other	15 When was this applied?	16 How was this applied? [Enter code from box above.]	17 How many acres were treated in this application?
	Nitrogen N	Phosphorus P_2O_5	Potassium K_2O	Code	Code	Code	Code	MM DD YY	Code	Acres
01	49	50	51	52	53 2	54 3	55	56 041523	57 3	58 25.9
02	49	50	51	52	53 2	54 3	55	56 041522	57 3	58 25.9

Manure Tables

Key Points

- Things change from year to year.
- Probe for manure applications in the fall of the previous year.
- Data connects throughout the survey.
- Take your time on the tables.

Section F – Pest Control
and
Section G – Pest Management Practices

Purpose

- Collect pesticide use to estimate
  - the amount of pesticide residue in fields that moves to surface/ground water
  - the impact of conservation practices on pesticide movement from fields
- Identify the use of pest management activities and factors considered when determining which pest control products to use

F PEST CONTROL APPLICATIONS — SELECTED FIELD F

1. In which of the following years (2024, 2023, and/or 2022) were any products applied to this field to control weeds, insects, or diseases? [INCLUDE herbicides, insecticides, fungicides, bio-control agents, bio-pesticides, seed treatments, and other conventional or organic products.] ..... Yes = 1 No = 3

	2024	2023	2022
	0315	0345	0346

Enumerator Action: If pesticides applied in any year, continue. Complete table for only year(s) specified, else Go to SECTION G.

Completion Code	0344	0343	0342

2. In which of the following years (2024, 2023, and/or 2022) did you select and plant crop cultivars with genetically engineered traits for:

		2024	2023	2022
a. tolerances to specific herbicides(e.g., glyphosate, glufosinate, dicamba or 2,4-D Choline)?	Yes = 1 No = 3	0350	0360	0361
b. insect resistance (Bt)?	Yes = 1 No = 3	0912	0913	0914

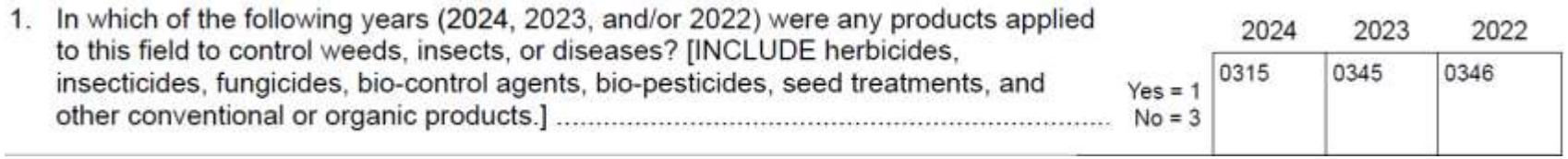
3.	Did you alter any of your pesticide applications specifically to protect honey bees and/or native pollinators? (For example, utilize an IPM program that specifically protects pollinators, only apply insecticides outside of the bloom period, only apply insecticides at night, etc.)	Yes = 1 No = 3	0348
4.	Were pesticides with different mechanisms of action ROTATED for the PRIMARY PURPOSE of keeping pests from becoming resistant to pesticides?	Yes = 1 No = 3	0875
5.	Were pesticides with different mechanisms of action TANK MIXED for the PRIMARY PURPOSE of keeping pests from becoming resistant to pesticides?	Yes = 1 No = 3	0876
6.	Did you select and plant crop seeds that had been commercially treated with fungicides or insecticides?	Yes = 1 No = 3	0349
7.	Did you apply practices to reduce potential drift, runoff, or leaching?	Yes = 1 No = 3	0877
8.	Did you use precision technology such as GPS, variable rate application, or smart or robotic sprayers?	Yes = 1 No = 3	0878

9. Other than cost and product effectiveness, which of the following factors did you consider in determining which pest control product to use in 2024?

	Source	Code
a.	Potential health risk to applicator or farm worker? ..... Yes = 1 No = 3	0352
b.	Risk to populations of beneficial organisms (earthworms, bees, ladybugs, etc)? ..... Yes = 1 No = 3	0353
c.	Risk to natural resources (drinking water, wildlife, fish, etc.)? ..... Yes = 1 No = 3	0354
d.	Pest resistance management? ..... Yes = 1 No = 3	0355
e.	Crop safety? ..... Yes = 1 No = 3	0356
f.	Impacts on soil health? ..... Yes = 1 No = 3	0879
g.	None? ..... Yes = 1 No = 3	0880

Pesticide Application Tables

- Separate tables for 2024, 2023, and 2022
- Data collected should match what was reported earlier



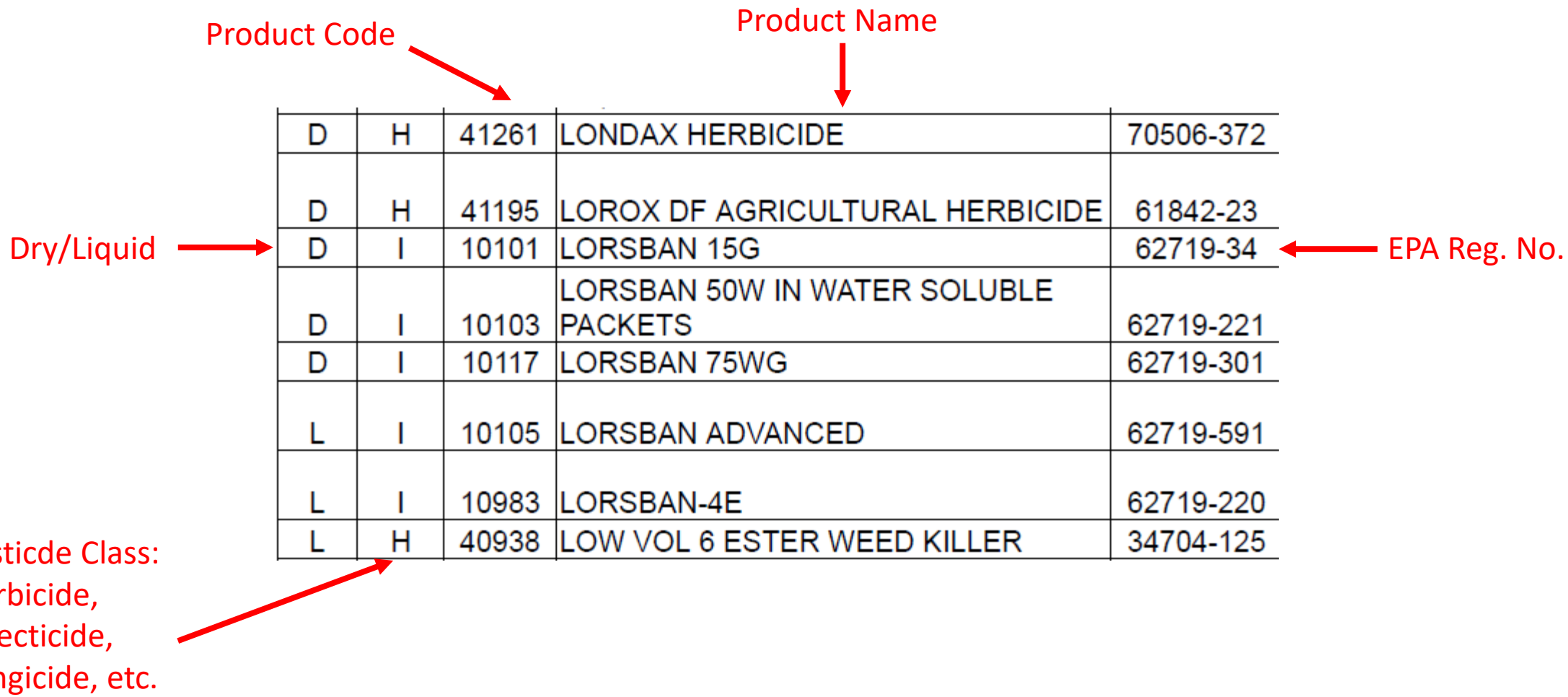
1. In which of the following years (2024, 2023, and/or 2022) were any products applied to this field to control weeds, insects, or diseases? [INCLUDE herbicides, insecticides, fungicides, bio-control agents, bio-pesticides, seed treatments, and other conventional or organic products.]	Yes = 1 No = 3	2024	2023	2022
		0315	0345	0346

- Ask operator to have records handy
- Use Respondent booklet

Pesticide Application Tables

- Start with any applications made after the previous year's crop was harvested/plowed down and continue with any applications through harvest.
- Include applications made by custom applicators
- Exclude adjuvants (ingredients that help the pesticide work better)

Respondent Booklet



D	H	41261	LONDAX HERBICIDE	70506-372
D	H	41195	LOROX DF AGRICULTURAL HERBICIDE	61842-23
D	I	10101	LORSBAN 15G	62719-34
D	I	10103	LORSBAN 50W IN WATER SOLUBLE PACKETS	62719-221
D	I	10117	LORSBAN 75WG	62719-301
L	I	10105	LORSBAN ADVANCED	62719-591
L	I	10983	LORSBAN-4E	62719-220
L	H	40938	LOW VOL 6 ESTER WEED KILLER	34704-125

Pesticide Application Tables

PRODUCT NAME	LINE	1 Crop Year	2 Primary crop for which control agent was intended.	3 Crop Code [Enter crop code from Respondent Booklet pgs. 4 - 7.]	4 What products were applied to this field? [Enter product code from Respondent Booklet pgs. 10 - 36.]	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.]
	01	60 24			61		63
	02	60 24			61		63

Pesticide Application Table

APPLICATION CODES FOR COLUMN 11	
4 Seed furrow	21 Broadcast, ground, incorporated
5 Chemigation (in irrigation water)	31 Broadcast, by aircraft
6 Chisel/injected or knifed in	32 Broadcast, foliar, by aircraft
8 Direct spray, foliar	71 Banded/side dressed
10 Seed treatment by producer prior to planting	73 Banded/side-dressed, foliar
11 Broadcast, ground, not incorporated	76 T-Banded (combo of banded and injected)
13 Broadcast, ground, foliar	77 Broadcast, by drone
	78 Broadcast, foliar, by drone

LINE	7 When was this applied? MM DD YY	8 OR 9 How much was applied per acre per application?	8 OR 9 What was the total amount applied per application in this field?	10 [Enter unit code] (col. 8 or 9 only) 1 Pounds 12 Gallons 13 Quarts 14 Pints 15 Liquid Ounces 28 Dry Ounces 30 Grams 40 Kilograms 41 Liters Code	11 How was this product applied? [Enter code from box above.] Code	12 Was this product applied to the entire field, to only a portion of the field, or as a spot treatment? 1 Entire field 2 Part of field 3 Spot Treatment 4 Entire field plus borders and buffers Code	13 How many acres in this field were treated with this product? Acres
01	83 _ _ _ _ _ _	65 . _ _	73 . _ _	74	76	84	77 . _
02	83 _ _ _ _ _ _	65 . _ _	73 . _ _	74	76	84	77 . _

Unlisted Pesticides

For pest control products not listed in Respondent Booklet please specify —

Line	Pest Control Product Type (Herbicide, Insecticide, Fungicide, etc.)	EPA Number or Trade name and Formulation	Form Purchased (Liquid or Dry)	Where Purchased (Ask only if EPA Number cannot be reported)
5	Fungicide	Flourish 55146-83	L	Dane County Co-Op

Let’s Do A Practice

- 2024
  - Did not apply any pesticides
- 2023
  - Applied a tank mix on 6/20/23, broadcast, not incorporated to all 25.9 acres
  - Cornerstone Plus: 26 oz/a
  - Status Herbicide: 4 oz/a
- 2022
  - Same application as 2023, but applied on 6/22/22

Practice Answers

1. In which of the following years (2024, 2023, and/or 2022) were any products applied to this field to control weeds, insects, or diseases? [INCLUDE herbicides, insecticides, fungicides, bio-control agents, bio-pesticides, seed treatments, and other conventional or organic products.] .....

Yes = 1
No = 3

2024	2023	2022
0315 3	0345 1	0346 1

Practice Answers - 2024

INCLUDE: herbicides, insecticides, fungicides, defoliants, growth regulators, microbial agents, miticides, nematicides, rodenticides, soil fumigants, and seed treatments. INCLUDE biological and botanical pest control products.		EXCLUDE: fertilizers and adjuvants, (e.g. wetting agents, stickers, spreaders, etc.).			Lines in Table	Table 100	0399
PRODUCT NAME	LINE	1 Crop Year	2 Primary crop for which control agent was intended.	3 Crop Code [Enter crop code from Respondent Booklet pgs. 4 - 7.]	4 What products were applied to this field? [Enter product code from Respondent Booklet pgs. 10 - 36.]	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.]
	01	60 24			61		63

None in 2024

Practice Answers - 2023

PRODUCT NAME	LINE	1 Crop Year	2 Primary crop for which control agent was intended.	3 Crop Code [Enter crop code from Respondent Booklet pgs. 4 -7.]	4 What products were applied to this field? [Enter product code from Respondent Booklet pgs. 10 - 36.]	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.]
Cornerstone Plus	01	60 23	corn-s	189	61 40520	L	63 1
Status Herbicide	02	60 23	corn-s	189	61 41110	D	63 1

Practice Answers - 2023

LINE	7 When was this applied? MM DD YY	8 OR 9 8: How much was applied per acre per application? 9: What was the total amount applied per application in this field?	10 [Enter unit code] (col. 8 or 9 only) 1 Pounds 12 Gallons 13 Quarts 14 Pints 15 Liquid Ounces 28 Dry Ounces 30 Grams 40 Kilograms 41 Liters Code	11 How was this product applied? [Enter code from box above.] Code	12 Was this product applied to the entire field, to only a portion of the field, or as a spot treatment? 1 Entire field 2 Part of field 3 Spot Treatment 4 Entire field plus borders and buffers Code	13 How many acres in this field were treated with this product? Acres
01	83 062023	65 26.00 73	74 15	76 11	84 1	77 25.9
02	83 062023	65 4.00 73	74 28	76 11	84 1	77 25.9

Practice Answers - 2022

PRODUCT NAME	LINE	1 Crop Year	2 Primary crop for which control agent was intended.	3 Crop Code [Enter crop code from Respondent Booklet pgs. 4 - 7.]	4 What products were applied to this field? [Enter product code from Respondent Booklet pgs. 10 - 36.]	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.]
Cornerstone Plus	01	60 22	corn-g	188	61 40520	L	63 1
Status Herbicide	02	60 22	corn-g	188	61 41110	D	63 1

Practice Answers - 2022

LINE	7 When was this applied? MM DD YY	8 OR 9 How much was applied per acre per application?	9 What was the total amount applied per application in this field?	10 [Enter unit code] (col. 8 or 9 only) 1 Pounds 12 Gallons 13 Quarts 14 Pints 15 Liquid Ounces 28 Dry Ounces 30 Grams 40 Kilograms 41 Liters Code	11 How was this product applied? [Enter code from box above.] Code	12 Was this product applied to the entire field, to only a portion of the field, or as a spot treatment? 1 Entire field 2 Part of field 3 Spot Treatment 4 Entire field plus borders and buffers Code	13 How many acres in this field were treated with this product? Acres
01	83 062222	65 26.00	73	74 15	76 11	84 1	77 25.9
02	83 062222	65 4.00	73	74 28	76 11	84 1	77 25.9

Section G – Pest Management Practices

- 2024 Crop year only
- Scouting questions
- Pest management questions

Section I: Field Operations

Section I: Objective

- How is the Field Operations information used
- Identify what should be included and excluded
- Overview of the table and how to complete it
- Special Situations
- Practice Exercise

Why collect Field Operations Data?

- Field Operations section is used to identify:
  - Tillage systems
  - Timing of events
  - Crop residue levels

- Impact on Farm Bill

Field Operations Table

I FIELD OPERATIONS — SELECTED FIELD I

1. Including custom operations, what operations were performed by hand or machines on this field for the 2024, 2023, and 2022 crop years?
   - Begin with the first field operation for the 2024 crop (after harvesting of 2023 crop)
   - List the operations in order by crop year, through harvest
   - Maintain the order of tandem hook-ups
   - Include field operations performed by hand

   a. Let's start with the 2024 crop year

Lines in Table	Table 100	0499

CHECK LIST

INCLUDE all field work done by hand or using machines for			EXCLUDE all field work done by hand or using machines for
☐ Land Forming	☐ Planting	☐ Hauling within field	☐ Lime & Gypsum applications
☐ Tillage	☐ Harvesting	☐ Residue Management	☐ Fertilizers, Manure & Pesticides applications
☐ Preparing for Irrigation before seeding			☐ Hauling from field edge to storage
☐ Custom Operations	☐ Pruning, hedging, topping		

Field Operations Table

LINE	1 Crop Year Year	2 Sequence Number Number	3 What crop was associated with this operation? Crop Name	4 Crop Code [Record from Respondent Booklet pgs. 4 - 7.] Code	5 What operation or equipment was used on this field?	6 Machine Code [Record from Respondent Booklet pgs. 39 - 41.] Code	7 Was this operation used to incorporate a fertilizer or manure application? Yes = 1 No = 3 Code	8 What was the timing of the field operation? MM DD YY	9 What was the depth of tillage for tillage/planting operations? Inches
01	86 **24**	87				88	99	96 __ __ __ __ __ __	97 . ___
02	86 **24**	87				88	99	96 __ __ __ __ __ __	97 . ___
03	86 **24**	87				88	99	96 __ __ __ __ __ __	97 . ___
04	86 **24**	87				88	99	96 __ __ __ __ __ __	97 . ___
05	86 **24**	87				88	99	96 __ __ __ __ __ __	97 . ___
06	86 **24**	87				88	99	96 __ __ __ __ __ __	97 . ___
07	86 **24**	87				88	99	96 __ __ __ __ __ __	97 . ___

Respondent Booklet

- Crop codes
  - Pages 4-7
- Machine codes
  - Pages 39-41
- If code not listed, probe for more details or leave a note

PLANTERS	
108	Sprig Planter
111	Bedder-shaper Planter
112	Lister-bedder
113	No-till, Minimum Till (Ripper Planter)
114	Conventional, Regular (Tye, Flex)
115	Air Delivery/vacuum
116	Ridge Till
117	Twin Row Planter
351	Hand Planting
359	Vegetable Seed Planter
365	Vegetable Transplanter
397	Tree Planting Auger

Special Situations

- Cover crops
- Multiple harvest of same crop
- Livestock and grazing
- Partial and complete crop failure

Practice Exercise

Please take out your handout with scenarios

Practice Exercise # 1

In 2024, oats were planted as a nurse crop for alfalfa that was also planted. In the Fall of 2023, (November 10, 2023) a disk chisel plow was used with a depth of 6 inches. In the spring of 2024 (April 5, 2024) a field cultivator was used with a depth of 3 inches. Both oats and alfalfa were planted on April 5, 2024, with a depth of 1 inch. After the seeds were planted a culti-packer was used across the field. On August 1, 2024, a PTO swather was used for the oats. After they had dried for a couple days, a self propelled 2wd combine was used for the oats on August 3, 2024. The following day on August 4, a PTO small baler was used for the oat, then a hay wagon was used to haul it out of the field. On November 5, 2024, a disk drum mower was used for the alfalfa. Two days later on November 7, 2024, a silage harvester was used to chop the hay, then a forklift was used to haul it away.

LINE	1 Crop Year Year	2 Sequence Number Number	3 What crop was associated with this operation? Crop Name	4 Crop Code [Record from Respondent Booklet pgs. 4 - 7.] Code	5 What operation or equipment was used on this field?	6 Machine Code [Record from Respondent Booklet pgs. 39 - 41.] Code	7 Was this operation used to incorporate a fertilizer or manure application? Yes = 1 No = 3 Code	8 What was the timing of the field operation? MM DD YY	9 What was the depth of tillage for tillage/planting operations? Inches
01	86 24	87 1	oats	110	chisel	88 9	99 3	96 111023	97 6.0
02	86 24	87 1	alf	101	chisel	88 9	99 3	96 111023	97 6.0
03	86 24	87 2	oats	110	fld cult	88 21	99 3	96 040524	97 3.0
04	86 24	87 2	alf	101	fld cult	88 21	99 3	96 040524	97 3.0
05	86 24	87 3	oats	110	plant	88 107	99 3	96 040524	97 1.0
06	86 24	87 3	alf	101	plant	88 107	99 3	96 040524	97 1.0
07	86 24	87 4	oats	110	pack	88 51	99 3	96 040524	97
08	86 24	87 4	alf	101	pack	88 51	99 3	96 040524	97

09	86 24	87 5	oats	110	swath	88 126	99 3	96 080124	97
10	86 24	87 6	oats	110	combine	88 122	99 3	96 080324	97
11	86 24	87 7	oats	110	bale	88 147	99 3	96 080424	97
12	86 24	87 8	oats	110	haul	88 195	99 3	96 080424	97
13	86 24	87 9	alf	101	mow	88 152	99 3	96 110524	97
14	86 24	87 10	alf	101	chop	88 204	99 3	96 110724	97
15	86 24	87 11	alf	101	haul	88 224	99 3	96 110724	97

Completion Code 2024 Field Operations	
1 = Inaccessible/Refusal 3 = Valid Zero	3004

FIELD OPERATIONS — SELECTED FIELD

1. Including custom operations, what operations were performed by hand or machines on this field for the 2024, 2023, and 2022 crop years?
   - Begin with the first field operation for the 2024 crop (after harvesting of 2023 crop)
   - List the operations in order by crop year, through harvest
   - Maintain the order of tandem hook-ups
   - Include field operations performed by hand

a. Let's start with the 2024 crop year

Lines in Table	Table 100	0499 15

CHECK LIST

INCLUDE all field work done by hand or using machines for

☐ Land Forming ☐ Planting ☐ Hauling within field
☐ Tillage ☐ Harvesting ☐ Residue Management
☐ Preparing for Irrigation before seeding
☐ Custom Operations ☐ Pruning, hedging, topping

EXCLUDE all field work done by hand or using machines for

☐ Lime & Gypsum applications
☐ Fertilizers, Manure & Pesticides applications
☐ Hauling from field edge to storage

LINE	1 Crop Year Year	2 Sequence Number Number	3 What crop was associated with this operation? Crop Name	4 Crop Code [Record from Respondent Booklet pgs. 4 - 7.] Code	5 What operation or equipment was used on this field? 	6 Machine Code [Record from Respondent Booklet pgs. 39 - 41.] Code	7 Was this operation used to incorporate a fertilizer or manure application? Yes = 1 No = 3 Code	8 What was the timing of the field operation? MM DD YY	9 What was the depth of tillage for tillage/planting operations? Inches

Practice Exercise # 2

Corn for Silage in 2023

In the spring of 2023 (April 15, 2023), a disk chisel plow was used with a depth of 6 inches. A couple days later on April 17, 2023, a field cultivator ran through the field with a depth of 3 inches. The corn was planted on April 20, 2023, at a depth of 1.5 inches. On October 20, 2023, a silage harvested was used to harvest the corn silage. A forage wagon was used to haul it out of the field.

LINE	1 Crop Year Year	2 Sequence Number Number	3 What crop was associated with this operation? Crop Name	4 Crop Code [Record from Respondent Booklet pgs. 4 -7.] Code	5 What operation or equipment was used on this field?	6 Machine Code [Record from Respondent Booklet pgs. 39 - 41.] Code	7 Was this operation used to incorporate a fertilizer or manure application? Yes = 1 No = 3 Code	8 What was the timing of the field operation? MM DD YY	9 What was the depth of tillage for tillage/planting operations? Inches
01	86 23	87 1	corn-s	189	chisel	88 9	99 1	96 041523	97 6.0
02	86 23	87 2	corn-s	189	cult	88 21	99 3	96 041723	97 3.0
03	86 23	87 3	corn-s	189	plant	88 115	99 1	96 042023	97 1.5
04	86 23	87 4	corn-s	189	chop	88 204	99 3	96 102023	97
05	86 23	87 4	corn-s	189	haul	88 227	99 3	96 102023	97

b. Now let's continue with the 2023 crop year.

- Begin with the first field operation for the 2023 crop (after harvesting of 2022 crop.)

Lines in Table	TABLE 200	0499 5

CHECK LIST

INCLUDE all field work done by hand or using machines for			EXCLUDE all field work done by hand or using machines for
☐ Land Forming	☐ Planting	☐ Hauling within field	☐ Lime & Gypsum applications
☐ Tillage	☐ Harvesting	☐ Residue Management	☐ Fertilizers, Manure & Pesticides applications
☐ Preparing for Irrigation before seeding			☐ Hauling from field edge to storage
☐ Custom Operations	☐ Pruning, hedging, topping		

	1	2	3	4	5	6	7	8	9
LINE	Crop Year	Sequence Number	What crop was associated with this operation?	Crop Code [Record from Respondent Booklet pgs. 4 -7.]	What operation or equipment was used on this field?	Machine Code [Record from Respondent Booklet pgs. 39 - 41.]	Was this operation used to incorporate a fertilizer or manure application? Yes = 1 No = 3	What was the timing of the field operation?	What was the depth of tillage for tillage/planting operations?
	Year	Number	Crop Name	Code		Code	Code	MM DD YY	Inches

Practice Exercise # 3

Corn for Grain in 2022

In the fall of 2021, (November 5, 2021) a disk chisel plow was used with a depth of 6inches. In the Spring of 2022, (April 15, 2022) a field cultivator was used with a depth of 3 inches. Corn was planted on April 18, 2022. On November 15, 2022, corn was harvested using a self propelled 2wd combine was used. A grain cart with auger was also used. On November 18, 2022, a stalk shedder ran through the field. A large PTO baler ran through the field to bale the stalks on November 19, 2022. On November 20, 2022, those bales were picked up using a large bale mover.

LINE	1 Crop Year Year	2 Sequence Number Number	3 What crop was associated with this operation? Crop Name	4 Crop Code [Record from Respondent Booklet pgs. 4 - 7.] Code	5 What operation or equipment was used on this field?	6 Machine Code [Record from Respondent Booklet pgs. 39 - 41.] Code	7 Was this operation used to incorporate a fertilizer or manure application? Yes = 1 No = 3 Code	8 What was the timing of the field operation? MM DD YY	9 What was the depth of tillage for tillage/planting operations? Inches
01	86 22	87 1	corn-g	188	chisel	88 9	99 3	96 110521	97 6.0
02	86 22	87 2	corn-g	188	cult	88 21	99 1	96 041522	97 3.0
03	86 22	87 3	corn-g	188	plant	88 115	99 1	96 041822	97 1.5
04	86 22	87 4	corn-g	188	combine	88 122	99 3	96 111522	97
05	86 22	87 5	corn-g	188	grn cart	88 209	99 3	96 111522	97
06	86 22	87 6	corn-g	188	shred	88 205	99 3	96 111822	97
07	86 22	87 7	corn-g	188	bale	88 146	99 3	96 111922	97
08	86 22	87 8	corn-g	188	bale move	88 161	99 3	96 112022	97

c. Now let's continue with the 2022 crop year.

- Begin with the first field operation for the 2022 crop (after harvesting of 2021 crop.)

Lines in Table	TABLE 300	0499
		8

CHECK LIST

INCLUDE all field work done by hand or using machines for

- ☐ Land Forming
- ☐ Planting
- ☐ Hauling within field
- ☐ Tillage
- ☐ Harvesting
- ☐ Residue Management
- ☐ Preparing for Irrigation before seeding
- ☐ Custom Operations
- ☐ Pruning, hedging, topping

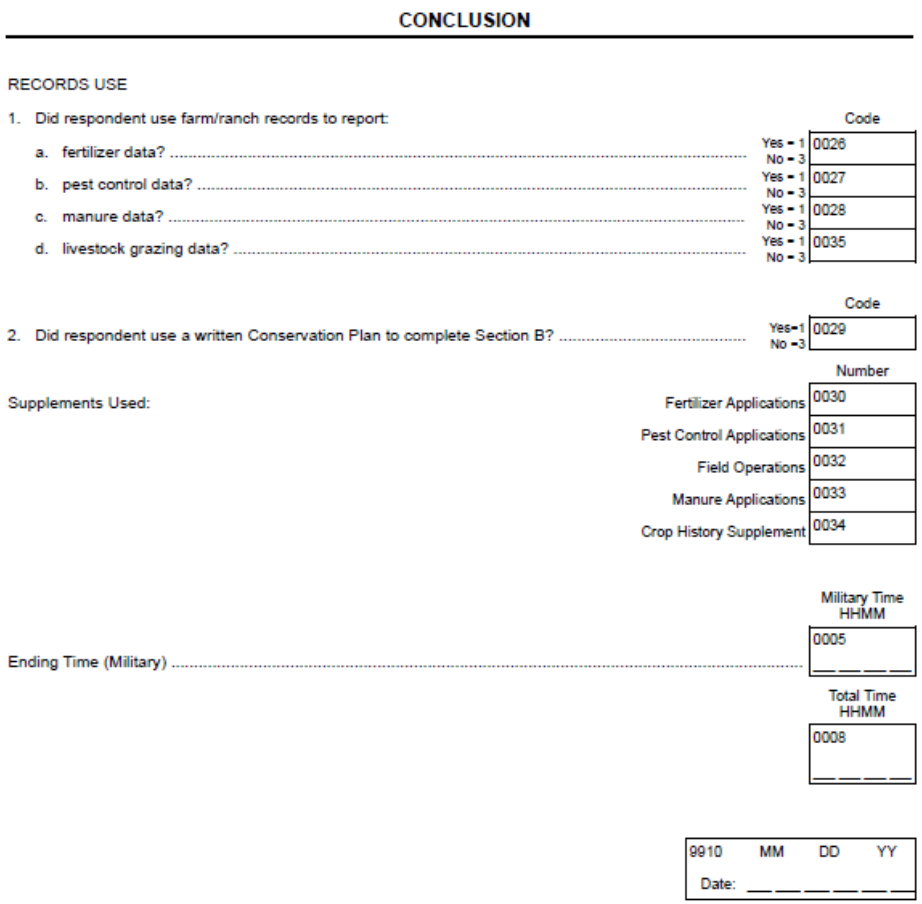
EXCLUDE all field work done by hand or using machines for

- ☐ Lime & Gypsum applications
- ☐ Fertilizers, Manure & Pesticides applications
- ☐ Hauling from field edge to storage

	1	2	3	4	5	6	7	8	9
LINE	Crop Year	Sequence Number	What crop was associated with this operation?	Crop Code [Record from Respondent Booklet pgs. 4 - 7.]	What operation or equipment was used on this field?	Machine Code [Record from Respondent Booklet pgs. 39 - 41.]	Was this operation used to incorporate a fertilizer or manure application? Yes = 1 No = 3	What was the timing of the field operation?	What was the depth of tillage for tillage/planting operations?
	Year	Number	Crop Name	Code		Code	Code	MM DD YY	Inches

Conclusion

Conclusion



CONCLUSION

RECORDS USE

		Code
1. Did respondent use farm/ranch records to report:		
a. fertilizer data?	Yes = 1 No = 3	0026
b. pest control data?	Yes = 1 No = 3	0027
c. manure data?	Yes = 1 No = 3	0028
d. livestock grazing data?	Yes = 1 No = 3	0035

		Code
2. Did respondent use a written Conservation Plan to complete Section B?	Yes=1 No =3	0029

Supplements Used:	Number
Fertilizer Applications	0030
Pest Control Applications	0031
Field Operations	0032
Manure Applications	0033
Crop History Supplement	0034

	Military Time HHMM
Ending Time (Military)	0005

	Total Time HHMM
	0008

9910	MM	DD	YY
Date:			

Livestock grazing data can be used for Sections C and I and Question 20 of Section H

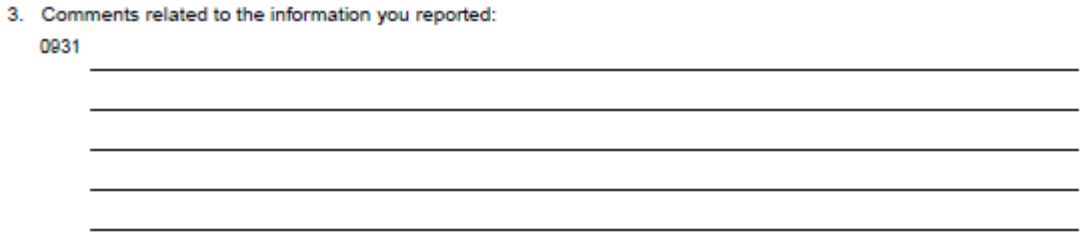
Supplements Used References

- Fertilizer – Section D
- Pest Control – Section F
- Manure – Section E
- Field Operations – Section I
- Crop History – Section C

Conclusion

Reminder: Military time is from 0:00 to 23:59

Conclusion


3. Comments related to the information you reported:
0931

Comments:

- Unusual situations
- Any sections that the respondent couldn't or refused to answer

Conclusion

OFFICE USE ONLY											
Response		Respondent		Mode		Enum.	Eval.	Change	Office Use for POID		
1-Comp 2-R 3-Inac 4-Office Hold 5-R – Est 6-Inac – Est 7-Off Hold – Est	9901	1-Op/Mgr 2-Sp 3-Acct/Bkpr 4-Partner 9-Oth	9902	1-PASI (Mail) 2-PATI (Tel) 3-PAPI (Face-to-Face) 6-Email 7-Fax 19-Other	9903	9998	9900 R. Unit 9921	9985	9989 _ _ _ - _ _ _ - _ _ _ _ Optional Use		
									9907	9908	9906	9916
S/E Name												

Administrative Items and Dates

Survey Overview

- Questionnaire Guide – Page 2
- CEAP is conducted in phases
  - Phase 1 – Screening Phase
    - August – September (completed)
    - Determined the point's scope and eligibility for Phase 2
  - Phase 2 – Data Collection Phase
    - November 2024 – February 2025
    - Operators with a field found eligible in Phase 1 are being contacted for detailed field information

Survey Process

- Operators were not mailed a questionnaire
  - Not available to be completed via mail nor online by operator
- In person data collection
- The FSA map for the eligible field will be used during Phase 2
- Long data collection period
  - Attempt to contact operator at different times
- Read all comments and notes before contacting the operator
- Review your CAPI assignment listing
- Make operator phone and address in CAPI

Data Collection Process

- Questionnaire Guide – Page 3
- “Completed”
  - Complete the labeled questionnaire
  - Ship via UPS only the questionnaires to your supervisor for review
  - Once notified by supervisor, then ship via UPS directly to the IA Office
  - Ship questionnaires often… do not hold
  - All completed questionnaires must be shipped by February 27, 2025

Data Collection Process

- “Refusal” or “Inaccessible”
  - Ship via UPS questionnaires to the IA Office
  - Questionnaires must be shipped by February 27, 2025
- All PII should be submitted through CAPI
  - No PII on the labeled questionnaire
- Contact supervisor or NC when you need a record reactivated

Data Collection Process

- Data Collection Begins
  - Immediately after training
- Data Collections Ends
  - On February 27, 2025
  - All complete questionnaires must be shipped to the IA Office
  - All refusals and inaccessibles must be shipped to the IA Office
  - PII (Address, phone, etc changes) submitted via CAPI

Assignment Bundles

- Assignment Listing
- Labeled Manila Envelope (one per NRI point)
  - Labeled Phase 2 Questionnaire
  - Respondent Booklet
  - Materials from Phase 1 – FSA Listing and Aerial Photo
- Supervisor Listings (Supervisors Only)

CEAP Extra Supplies

- Blank Questionnaires
- Respondent Booklets
- Door Hangers
- UPS Labels to Supervisor
- UPS Labels to IA Office
- UPS Shipping Envelopes
- Security Envelopes for Double Wrapping
- If you need additional supplies, please contact your NASDA Coordinator