# Zoom Conference Reminders

- Please keep microphone muted to prevent background noise.
- If you have an issue, contact your Coach or Trainer, or make a note in the chat box.
- Please hold questions until the specified allotted time.
  - Use Raise Hand feature in zoom or put question in chat box.
- Please have the training packet with WOY materials readily available so you can follow along.
- This is being recorded and will be posted to the website.

USDA United States Department of Agriculture
National Agricultural Statistics Service

# Winter Wheat Objective Yield Zoom Training

April 15, 2025

10:00 am Central Time

# Introductions

- Christy Meyer – Deputy of Northern Plains Region
- Doug Bounds – Kansas State Statistician
- Curtis Arnold –  WOY Program Manager & Kansas WOY Stat
- Kevin McMillan– Nebraska WOY Statistician
- Paul Sueper – WOY Group Leader

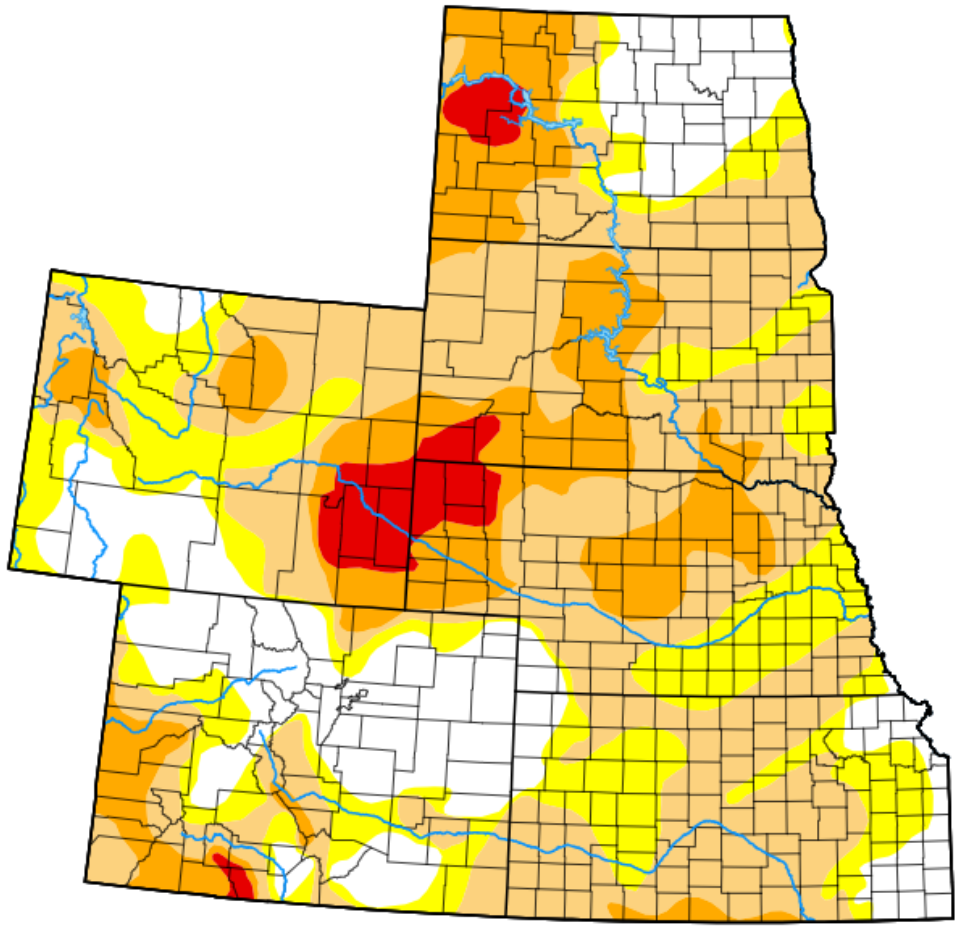
# State Statistician Comments

# Kansas & Nebraska Wheat Objective Yield Training

APRIL 15, 2025

# High Plains





## Map released: Thurs. April 10, 2025

Data valid: April 8, 2025 at 8 a.m. EDT

## Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

## Authors

**United States and Puerto Rico Author(s):**

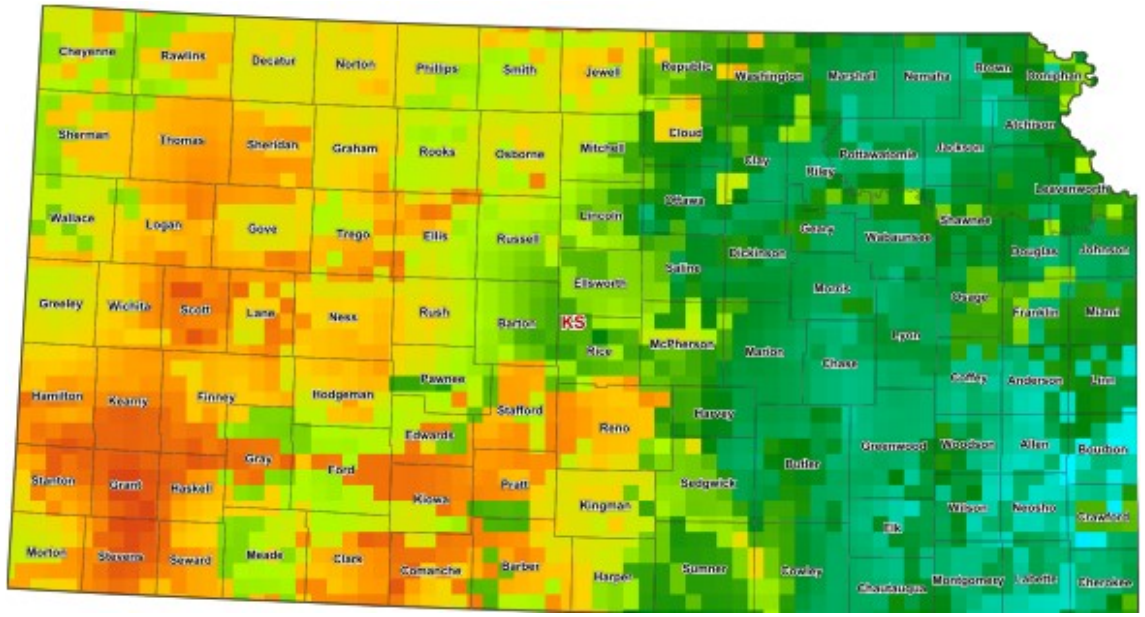
David Simeral, Western Regional Climate Center

**Pacific Islands and Virgin Islands Author(s):**

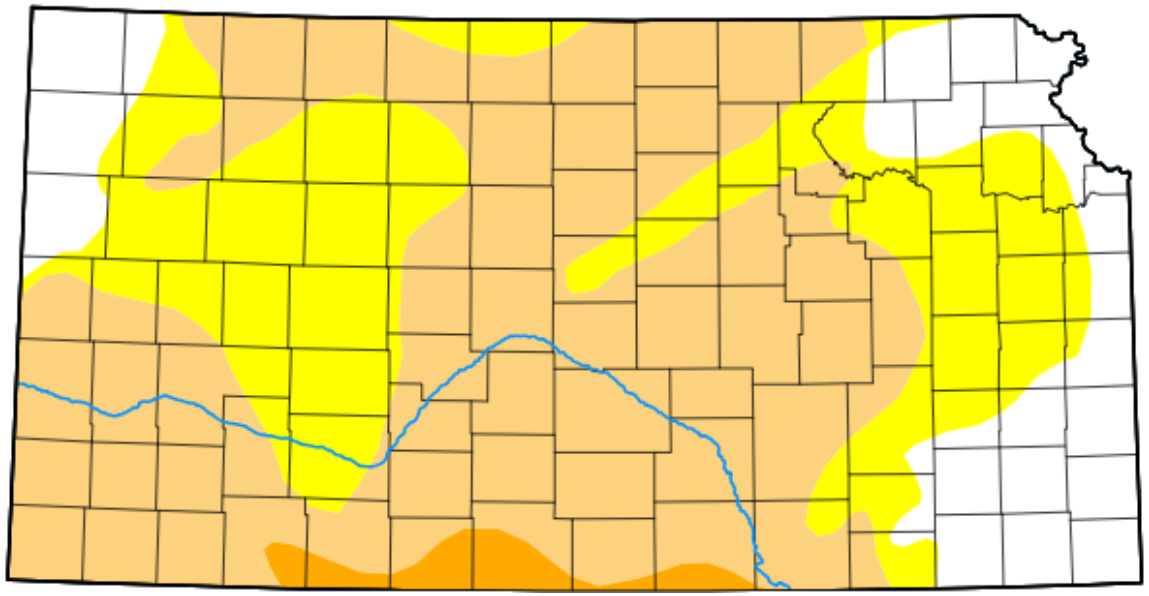
Anthony Artusa, NOAA/NWS/NCEP/CPC

# Kansas

**Crop-CASMA**
Soil Moisture
Satellite Data

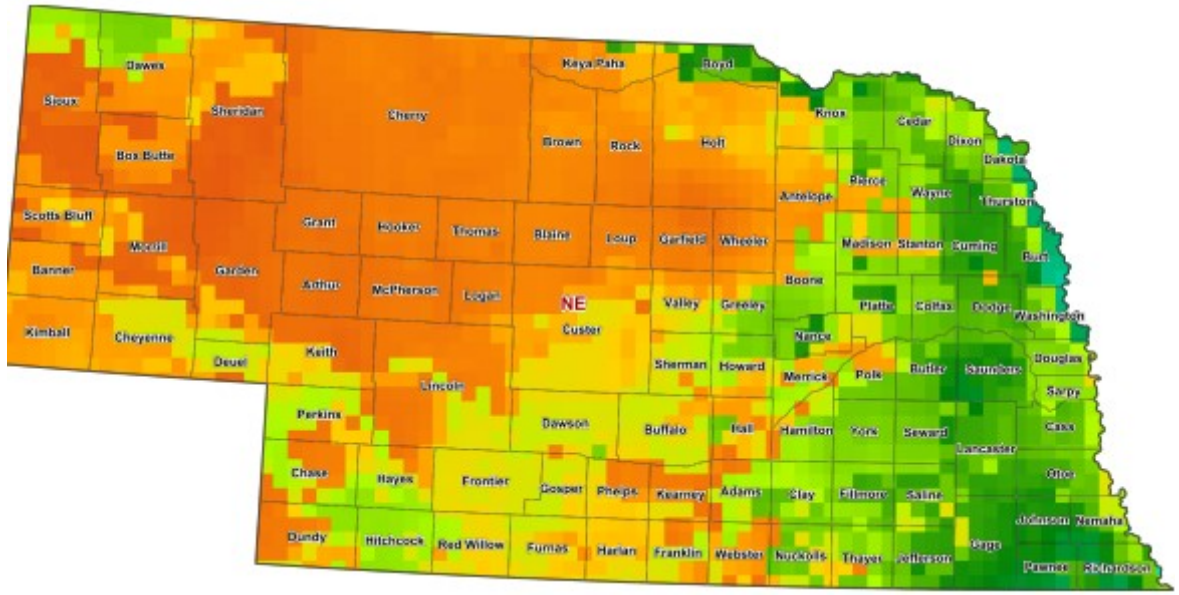



**Drought Monitor**
Drought Conditions

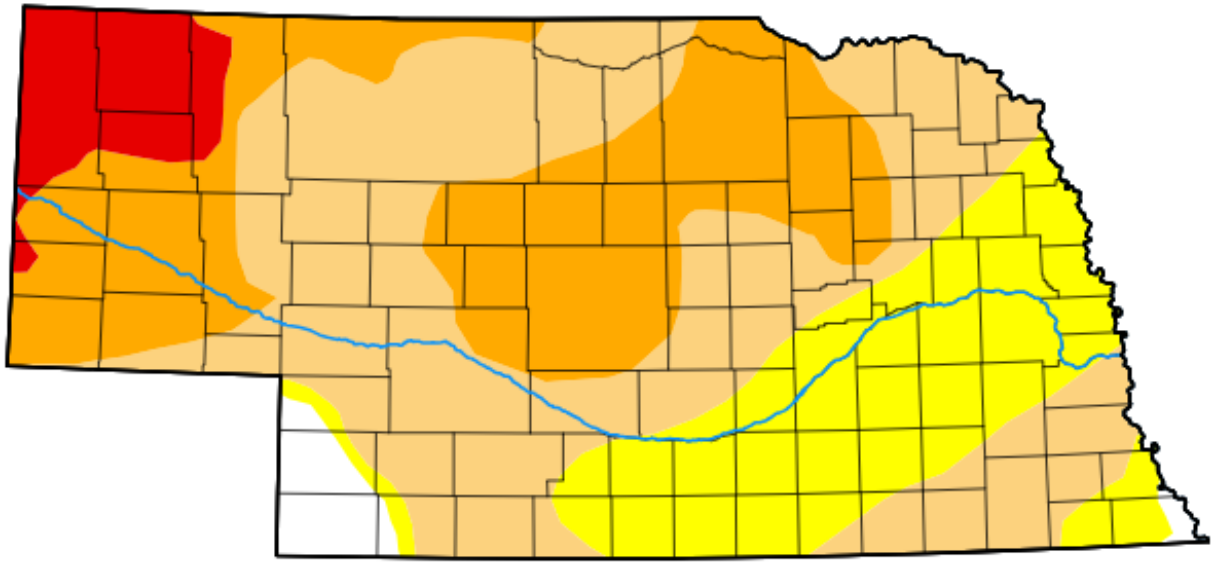


# Nebraska

**Crop-CASMA**
Soil Moisture
Satellite Data




**Drought Monitor**
Drought Conditions



# Crop Progress and Condition

## Kansas

Winter wheat condition rated 6% very poor, 13% poor, 38% fair, 38% good, and 5% excellent.

Winter wheat jointed was 52%, well ahead of 24% last year and 31% for the five-year average.

## Nebraska

Winter wheat condition rated 1% very poor, 3% poor, 26% fair, 56% good, and 14% excellent.

# Acreage Estimates

## Kansas

Winter wheat acres seeded in the fall of 2024 are estimated at 7.30 million, down 4% from last year.

## Nebraska

Winter wheat acres seeded in the fall of 2024 are estimated at 970 thousand acres, down 3% from last year.

# Grain Stocks

## Kansas

Wheat stored in all positions totaled 251 million bushels, up 58% from a year ago.

On-farm stocks of 11.8 million bushels are up 69% from 2024.

Off-farm stocks of 239 million bushels are up 58% from last year.

## Nebraska

Wheat stored in all positions totaled 33.5 million bushels, up 50% from a year ago.

On-farm stocks of 1.95 million bushels are down 43% from 2024.

Off-farm stocks of 11.6 million bushels are up 68% from last year.

# Wheat Prices

## Kansas

| | 2023 | 2024 | 2025 |
|---|---|---|---|
| JAN | $ 8.37 | $ 6.09 | $ 5.13 |
| FEB | $ 8.62 | $ 5.52 | $ 5.51 |
| MAR | $ 8.31 | $ 5.72 | |
| APR | $ 8.50 | $ 5.72 | |
| MAY | $ 8.33 | $ 6.14 | |
| JUN | $ 8.02 | $ 5.87 | |
| JUL | $ 8.12 | $ 5.45 | |
| AUG | $ 7.43 | $ 5.17 | |
| SEP | $ 7.08 | $ 5.32 | |
| OCT | $ 6.58 | $ 5.52 | |
| NOV | $ 6.22 | $ 5.42 | |
| DEC | $ 6.04 | $ 5.09 | |

## Nebraska

| | 2023 | 2024 | 2025 |
|---|---|---|---|
| JAN | $ 8.26 | $ 5.92 | $ 4.87 |
| FEB | $ 8.26 | $ 5.51 | $ 4.74 |
| MAR | $ 8.32 | $ 5.48 | |
| APR | $ 8.37 | $ 5.31 | |
| MAY | $ 8.27 | $ 5.73 | |
| JUN | $ 7.69 | $ 5.65 | |
| JUL | $ 8.04 | $ 5.21 | |
| AUG | $ 7.05 | $ 4.73 | |
| SEP | $ 6.64 | $ 5.46 | |
| OCT | $ 6.27 | $ 4.98 | |
| NOV | $ 5.95 | $ 5.00 | |
| DEC | $ 6.02 | $ 4.69 | |

# Wheat Price Reactions

| Wheat | Wheat Production 1987-2024 | | | | Wheat Stocks 1984-2024 | | | |
|---|---|---|---|---|---|---|---|---|
|  | Day after report | | Week after report | | Day after report | | Week after report | |
| | Reaction | Average price change | Reaction | Average price change | Reaction | Average price change | Reaction | Average price change |
| | (Number) | (cents per bushel) | (number) | (cents per bushel) | (number) | (cents per bushel) | (number) | (cents per bushel) |
| Price Increases | + 93 | 9.7 | + 101 | 16.4 | + 76 | 11.3 | + 75 | 18.1 |
| No Price Change | 11 | (X) | 4 | (X) | 9 | (X) | 5 | (X) |
| Price Decreases | - 99 | -8.5 | - 98 | -19.9 | - 79 | -12.9 | - 84 | -19.6 |
| Total | 203 | (X) | 203 | (X) | 164 | (X) | 164 | (X) |

(X) Not applicable

# Upcoming Reports

**April 30** – *Agricultural Prices*

- March wheat prices

**May 12** – *Crop Production*

- First forecast of wheat harvested acres, yield, and production

**June 30** – *Acreage* and *Grain Stocks*

**September 30** – *Small Grains Summary* and *Grain Stocks*

# Northern Plains Contacts For WOY

**KANSAS**

Curtis Arnold – Kansas Wheat
(402) 470-8779
Curtis.Arnold@usda.gov

Paul Sueper – Group Leader
(402) 470-8757
Paul.Sueper@usda.gov

**NEBRASKA**

Kevin McMillan – Nebraska Wheat
(402) 470-8769
Kevin.McMillan@usda.gov

Office Phone: (800) 582-6443

# Agenda

- Purpose
- Form A
- Pesticide Safety
- Unit Location
- Form B
- Packaging Standards
- Form E
- Due Dates & Grain Shipping
- Home Study Quiz
- Gaining Cooperation
- Question and Answer Session

# Goals

- Refresher training
  - For experienced enumerators
- Basic tools
  - For new enumerators
- Become familiar with all materials
- Share knowledge and interact with other enumerators
- Meet NPR office staff

# Additional Training

- If new to WOY, you are authorized for additional training.
  - Time is available at your Coach's and Manager's discretion
  - Localized training with your Coach.
  - Recommend a field practice exercise with laying out the units.

# 4 UPS packages

1. Training Packet
2. Kit Envelopes

   *If new, should have received equipment as well
3. Samples bundles and gleaning bundles
4. Bamboo Poles

   *If new, yardstick came with bamboo poles

# Training Packets

- Training Memo
- Cover Letter & Background Sheet
- Interviewer's Manual
- Blank Forms A, B, & E
- Yellow and Pink ID tags
- Quiz
- Laminated Reference Sheet
- Wheat Objective Yield Procedures booklet
- Grid Map
- Price Reactions Publication

# Kit Envelopes

- Each sample has a kit envelope
- Each kit envelope contains
  - Form A
  - Form B – multiple months
  - Form E – if the sample is divisible by 4
  - Yellow and Pink ID tags
  - Grid Map

# Sample Bundles

- Sample Bundles
  - Packaging supplies for shipping grain
  - Unit stakes

- Gleaning Bundles
  - Packaging supplies for shipping gleaning grain
  - Unit stakes

# Extra Supplies - Enumerators

- Bucket for WOY Supplies
- Bamboo Poles
- Flagging Ribbon
- Black marker

- If you are running low on supplies, contact your Coach

# Resources on the MPR NASDA Website

- CAPI Dashboard:  NASDA
- Go to the “Midwest Plains” area.
- Under “Survey Information” tap “Wheat Objective Yield” then find the document you want to download to Books.
- Tap on the box with the arrow pointed up.  Located in the upper right corner.
- Tap on “Copy to Books” to take you directly into Books. 

- Once a document is downloaded to Books (icon on your home screen), it is saved on your iPad & can be accessed without a signal.

# MPR NASDA Website – Objective Yield

- Website: https://www.nasda.org/nass/regions/midwest-plains/

## Survey Information

| Active Surveys | |
|---|---|
| Ag Labor | Monthly Hatchery |
| ARMS 3 | Potato Processors |
| Cash Rent | Potato Stocks |
| Cattle on Feed | Seed Potato Price |
| Chicken and Egg | Prices Paid |
| Cold Storage | Quarterly Colony Loss |
| Grain Prices | Total Landlord |
| Horticulture | Wheat Objective Yield |
| Milk | |

# NASDA Administration

- Charge all time and expenses for Wheat OY to Project Code 101

United States Department of Agriculture
National Agricultural Statistics Service

# Winter Wheat Objective Yield Zoom Meeting

April 15, 2025

Project Code 101




# Purpose

- The purpose of the wheat objective yield survey is to accurately forecast the production of wheat at the State, Regional, and National levels. We also find harvest loss and change in acreage intentions for harvest.

- The monthly Crop Production reports provide reliable and timely information to use by farmers to make knowledgeable marketing strategies and business decisions.

- The Objective Yield survey provides factual information about wheat crop like row width, plants per acre, heads per square foot, grain weight, moisture content and harvest loss. All grain samples are processed at the National OY lab in Saint Louis, MO.

# Wheat Objective Yield Program

- Program
  - Field counts, measurements & grain weights to forecast wheat yields
  - 10 States are in the program with 79% coverage of wheat harvested & 71% coverage of wheat production
- Farmer Benefit
  - Update marketing strategies (forward contract, hedge into futures, cash market)
  - Decide on farming practices (sell vs store)
  - Change intended crop usage – harvest, graze, silage, hay or feed usage.
- USDA doesn't drive down prices
  - Actual supply entering the market, along with demand determines prices
  - 49% - Wheat price **increased** one week after report over the last 35 years
  - 49% - Wheat price **decreased** one week after report over the last 35 years
  - 2% - Wheat price had **no change** one week after report over the last 35 years

# Winter Wheat Yield Estimates

- In-Season Forecasts (for winter wheat May 1 - August 1) Published near the 10th - Crop Production Report
  - ❑Ag. Yield
    - Subjective
    - Inexpensive
  - ❑Objective Yield (OY)
    - Actual counts of stalks and grain-objective
    - Expensive
  - ❑ Remote Sensing
    - Satellites used to measure vegetation to model yield
- Year End
  - ❑Final OY
  - ❑September Agricultural Production Survey (APS)

# Winter Wheat Objective Yield

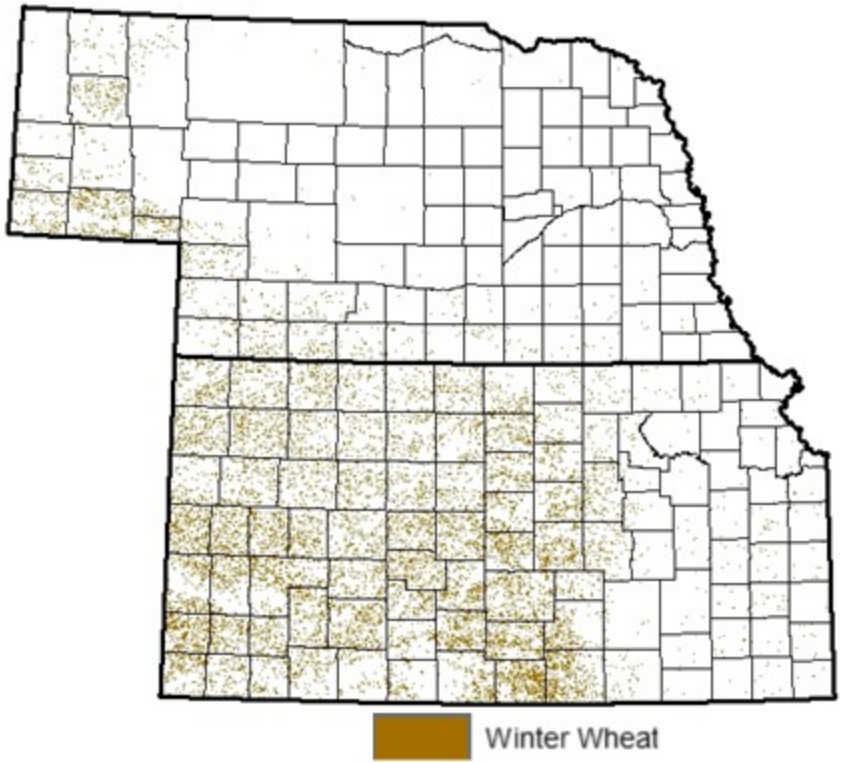
- Each sample field will have two units laid out.  This is where the counts and measurements will be done.

- 2 parts to WOY fieldwork
  - ❑ Paper Forms
    - Paperwork and then enter data into CAPI
  - ❑ Grain - wheat clippings, final pre-harvest, and gleanings
    - Bagged and shipped

- National Lab in Saint Louis, Missouri
  - ❑ Number of heads, weight of heads, thresh, moisture content, test weight
  - ❑ Form E – harvest loss

# Sample Size

- Samples are drawn from the 2025 March Agricultural Survey
- All estimated March APS
  - Verified certification of wheat on FSA
- Winter Wheat harvested for grain
- No pre-assigned fields
  - Regional States
    - Kansas
    - Nebraska



# NASDA Guidance

- Pre-survey letter was mailed to operator on April 11th
- The first contact attempt should be by phone
  - Complete Form A and the get Field(s) selection
  - Setup a personal appointment to meet operator
  - No answer, follow up with a personal attempt
- Allowed to drive to the field to set up field plots and make crop counts when you get operator permission
- Enumerators claim mileage for approved travel time

# Use of Crop Production Report

- End Users
  - Farmers, bankers, grain buyers, economist, policy makers, media, brokers, extension, and universities
- Communicated Through
  - Farm magazines, radio, Internet, TV, newspapers, commodity news services
- Unbiased source
  - No one has an advantage that could unfairly influence prices
- Grain Markets
  - It is actual supply entering the market along with demand that determines prices for farmers
  - USDA reports have had a positive effect on prices as often as negative effect.

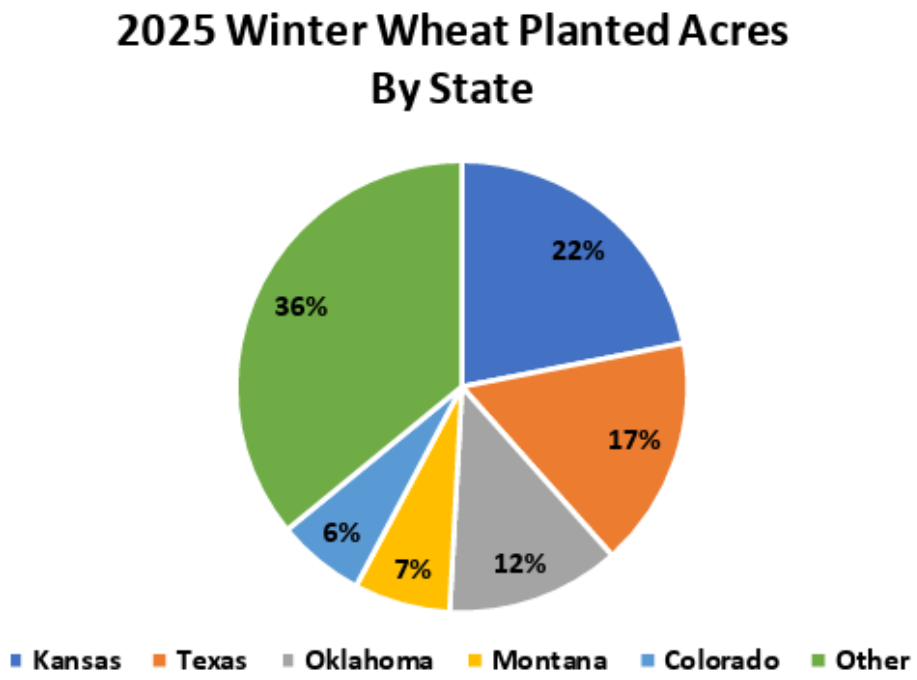
# Crop Production Report Dates

- May 12th at 11:00 am CT
  - Crop Production Report (forecast)
- June 12th at 11:00 am CT
  - Crop Production Report (forecast)
- July 11th at 11:00 am CT
  - Crop Production Report (forecast)
- August 12th at 11:00 am CT
  - Crop Production Report (forecast)
- September 30th at 11:00 am CT
  - Small Grains Summary (final)

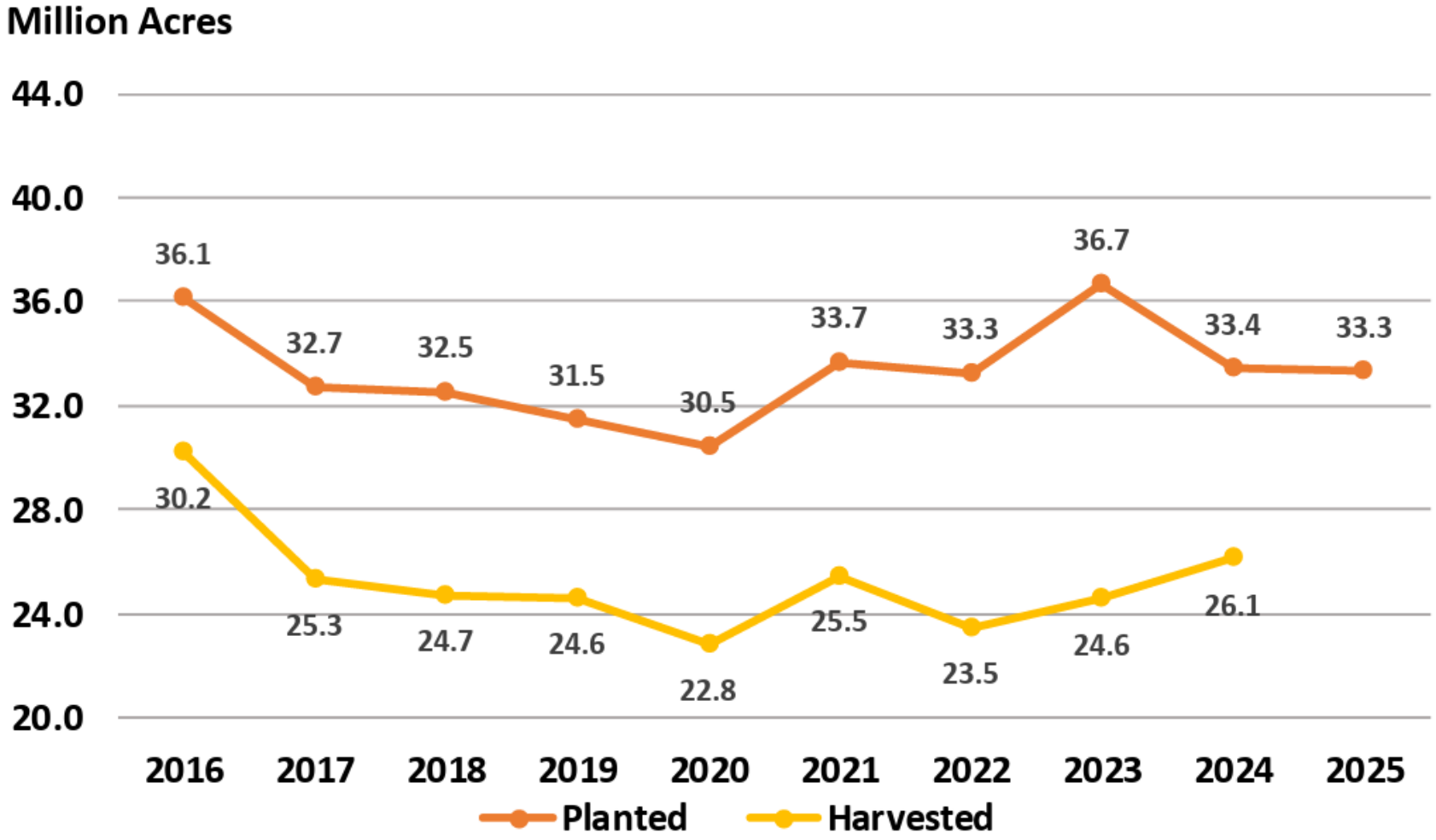
# 2025 Winter Wheat Planted Acreage

| | Planted (1,000 Acres) |
|---|---|
| **United States** | **33,315** |
| % Change from Previous Estimate | ↓ 2.3 |
| % Change from Previous Season | ↓ 0.2 |

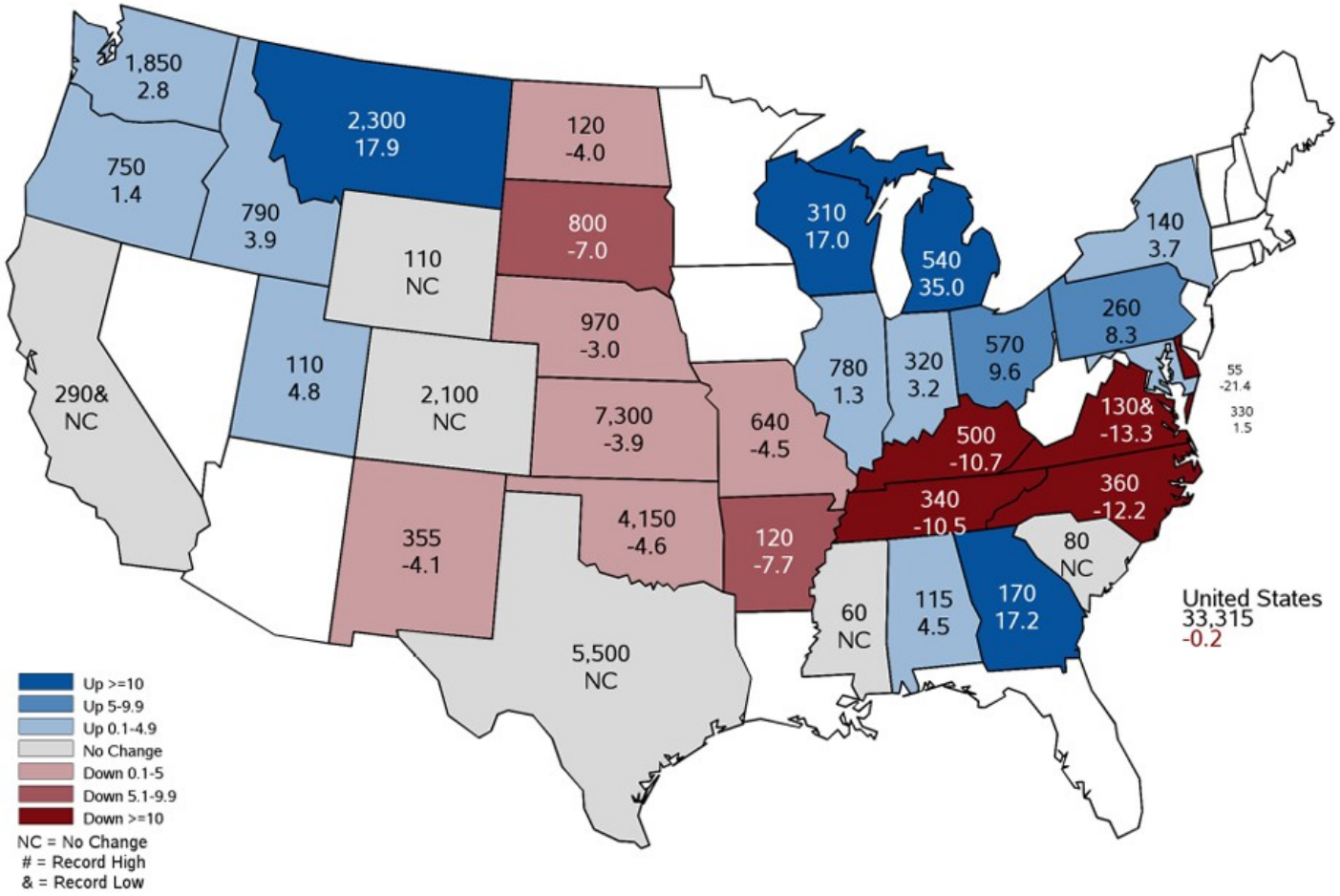
| | Top 5 States | | |
|---|---|---|---|
| | Planted | | |
| | (1,000 Acres) | | % Δ PY |
| Kansas | 7,300 | ↓ | 3.9 |
| Texas | 5,500 | | NC |
| Oklahoma | 4,150 | ↓ | 4.6 |
| Montana | 2,300 | ↑ | 17.9 |
| Colorado | 2,100 | | NC |



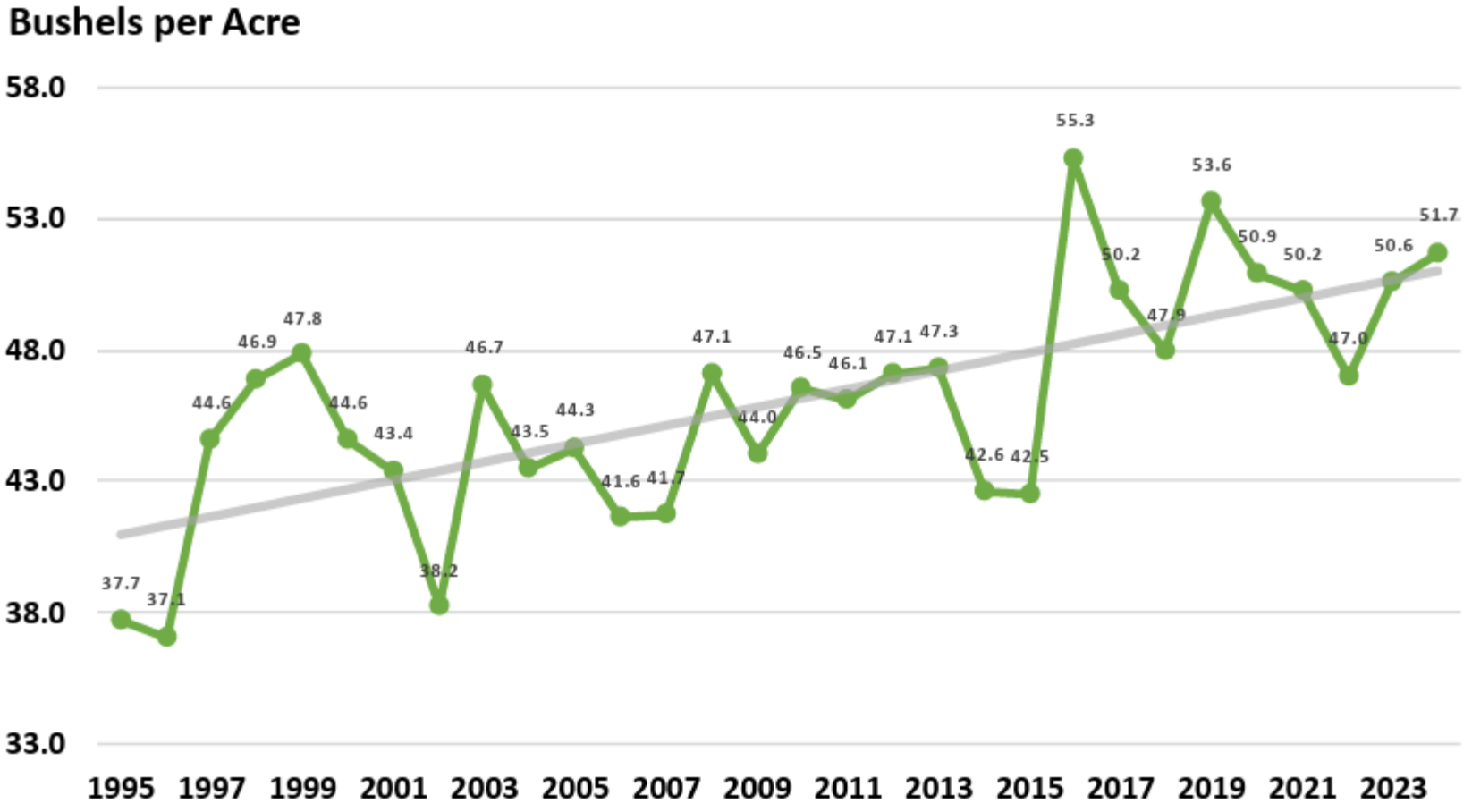
# Winter Wheat Planted & Harvested Trend



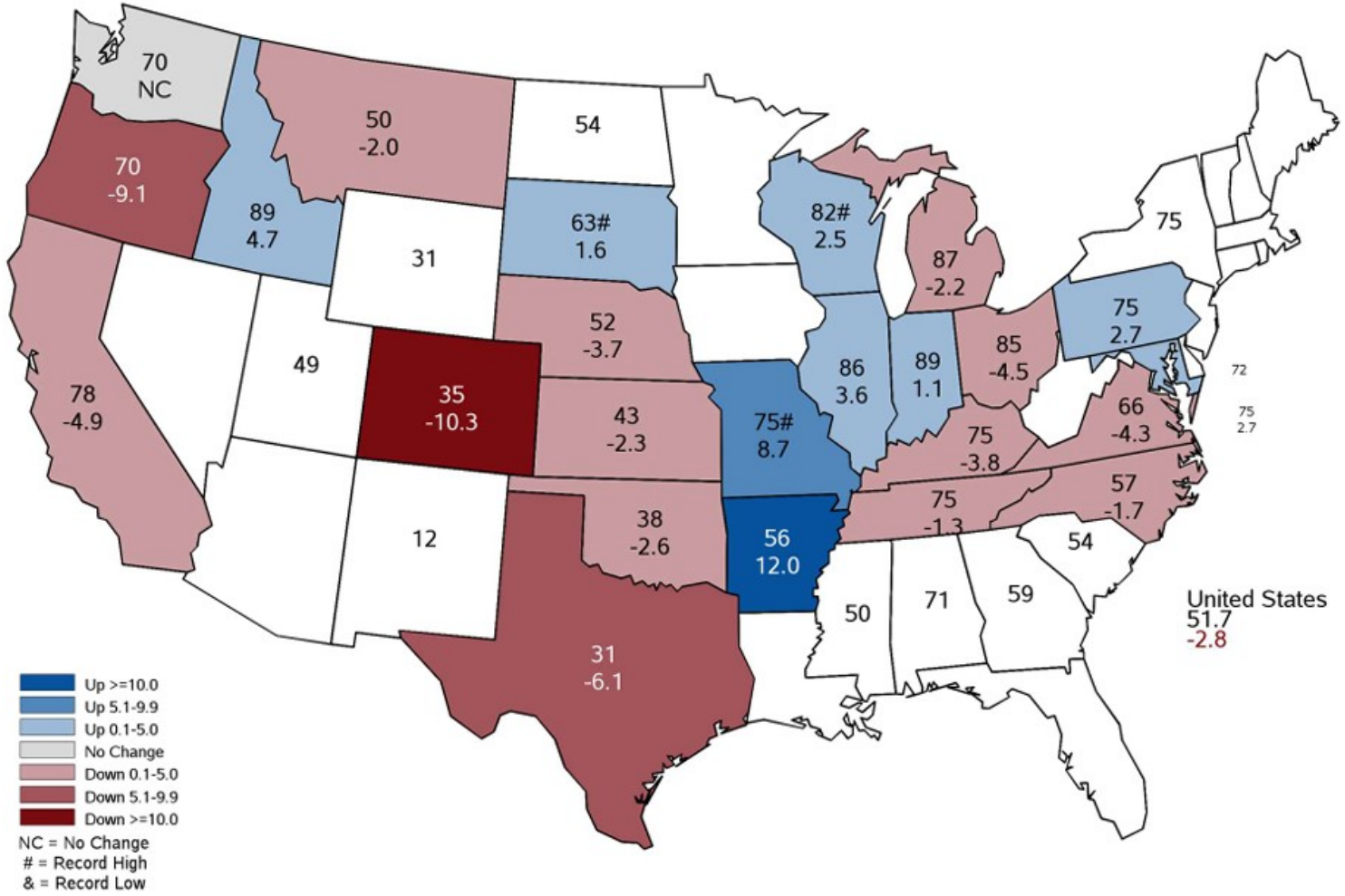
# 2025 Wheat Acreage Map & Percent Change



# Winter Wheat US Yield Trend



# Wheat US Yield Map & Percent Change



# POLL: WOY Overview

United States Department of Agriculture
National Agricultural Statistics Service

# Form A

## Winter Wheat Objective Yield Survey

## Initial Interview

## 2025



# Form A - Purpose

- Update the acreage of wheat expected to be harvested for grain since the March APS survey
- Get permission from farmer to conduct field work
- Select field that we will collect the wheat objective yield data from

# Procedures

- Form A will be entered into CAPI
- Phone first
- Enter Form A as you complete interviews
- Sample Field Selection will be the **C**losest or **F**urthest field in a Cardinal direction

# Verify Name and Address

- If there are any changes correct both Form A1 and Kit Envelope
- Write notes in CAPI

# Initial Interview

- Box 1 pre-printed from what was intended to be harvested for grain on total acres operated from March Agricultural Production Survey
- **DO NOT CHANGE** the acreage in box 1
- Verify acreage – don't copy
- Record total wheat acres harvested in Box 102
- Make notes if the pre-printed acreage is incorrect

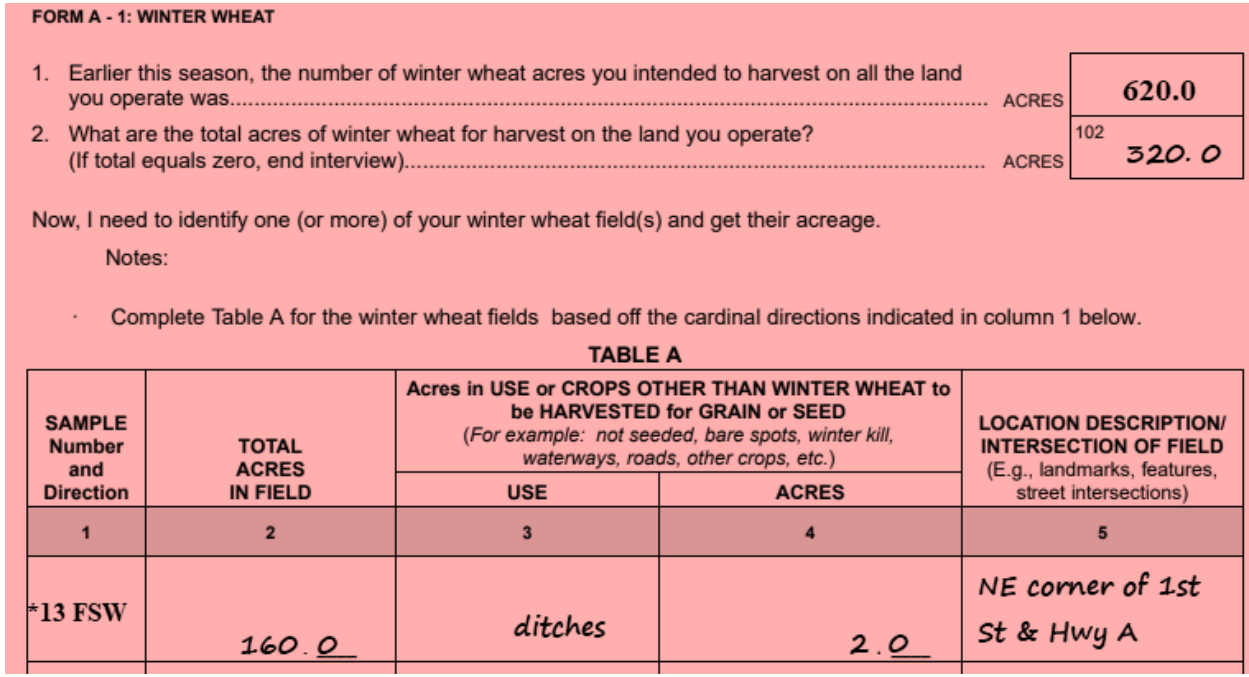
**FORM A - 1: WINTER WHEAT**

| | | |
|---|---|---|
| 1. Earlier this season, the number of winter wheat acres you intended to harvest on all the land you operate was..... | ACRES | 620.0 |
| 2. What are the total acres of winter wheat for harvest on the land you operate? (If total equals zero, end interview)..... | ACRES | 102 .___ |

# Table A – Selecting Sample Field

- Column 1 - Sample Field
  - Based on location to the residence
    - Denoted by sample number
    - **C**=Closest/ **F**=Furthest Variable
    - Cardinal direction - N, S, E, W, NE, SE, SW, NW
- Column 2
  - Total Acres in Field
- Columns 3 & 4
  - Areas of winter wheat field <u>not</u> harvested
- Column 5 - Field Location Description
  - Help find field for Unit location
    - Intersections, landmarks, etc.

- <u>Sample Field must be intended for grain</u>
- Do not put field acres in the total acres box – these are different.



**FORM A - 1: WINTER WHEAT**

1. Earlier this season, the number of winter wheat acres you intended to harvest on all the land you operate was..... ACRES **620.0**
2. What are the total acres of winter wheat for harvest on the land you operate? (If total equals zero, end interview)..... ACRES 102 **320.0**

Now, I need to identify one (or more) of your winter wheat field(s) and get their acreage.

Notes:

· Complete Table A for the winter wheat fields based off the cardinal directions indicated in column 1 below.

**TABLE A**

| SAMPLE Number and Direction | TOTAL ACRES IN FIELD | Acres in USE or CROPS OTHER THAN WINTER WHEAT to be HARVESTED for GRAIN or SEED (For example: not seeded, bare spots, winter kill, waterways, roads, other crops, etc.) | | LOCATION DESCRIPTION/ INTERSECTION OF FIELD (E.g., landmarks, features, street intersections) |
|---|---|---|---|---|
| | | USE | ACRES | |
| 1 | 2 | 3 | 4 | 5 |
| *13 FSW | 160.0 | ditches | 2.0 | NE corner of 1st St & Hwy A |

# Table A – Multiple-sample Operations

- Identify sample fields for each sample number – copy data over to the other Form A's
- Sample for the Form A is in the 1st row with a '*' next to it.
- Only 1 sample per field, until no more fields available

**FORM A - 1: WINTER WHEAT**

1. Earlier this season, the number of winter wheat acres you intended to harvest on all the land you operate was..... ACRES **620.0**
2. What are the total acres of winter wheat for harvest on the land you operate? (If total equals zero, end interview)..... ACRES 102 **320. 0**

Now, I need to identify one (or more) of your winter wheat field(s) and get their acreage.

Notes:

- Complete Table A for the winter wheat fields based off the cardinal directions indicated in column 1 below.

**TABLE A**

| SAMPLE Number and Direction | TOTAL ACRES IN FIELD | Acres in USE or CROPS OTHER THAN WINTER WHEAT to be HARVESTED for GRAIN or SEED (For example: not seeded, bare spots, winter kill, waterways, roads, other crops, etc.) | | LOCATION DESCRIPTION/ INTERSECTION OF FIELD (E.g., landmarks, features, street intersections) |
|---|---|---|---|---|
| | | USE | ACRES | |
| 1 | 2 | 3 | 4 | 5 |
| *13 FSW | 160. 0 | ditches | 2. 0 | NE corner of 1st St & Hwy A |
| 14 CN | 80. 0 | | . | N of farmstead |

# Multiple-sample Operations

- Pay extra attention to an operator with multiple samples
  - Be sure you are collecting and entering the correct information

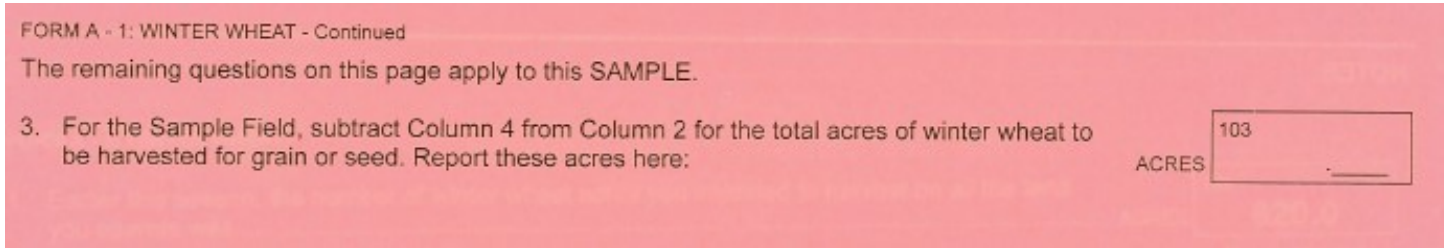
- Ex) If the farmer is sampled for sample numbers 1, 2 & 3
    - Clearly distinguish the field associated with each sample number
    - Be careful to select the correct sample on CAPI

# Finding a Sample Field

- Making sure you are in the correct field:
  - Use the grid map with great details like specific roads or intersections
  - If you both have smart phones have the respondent send you a pin on Apple or Google maps
  - Get the legal description and use a plat map to find the field

# Sample Field Characteristics

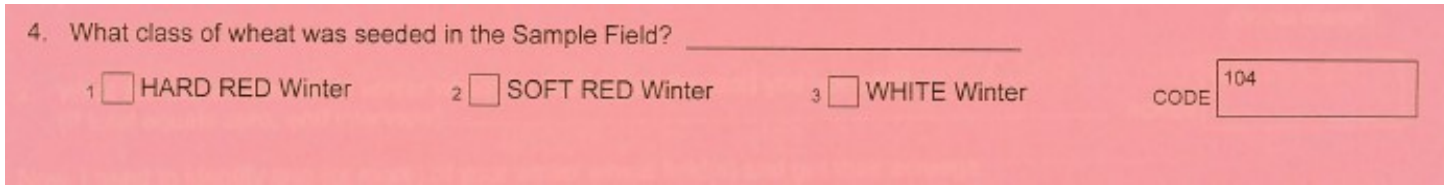
- Item 3 – Sample Field Information


FORM A - 1: WINTER WHEAT - Continued

The remaining questions on this page apply to this SAMPLE.

3. For the Sample Field, subtract Column 4 from Column 2 for the total acres of winter wheat to be harvested for grain or seed. Report these acres here: ACRES 103 .____

- Item 4 – Wheat Class


4. What class of wheat was seeded in the Sample Field? _____

1 ☐ HARD RED Winter 2 ☐ SOFT RED Winter 3 ☐ WHITE Winter CODE 104

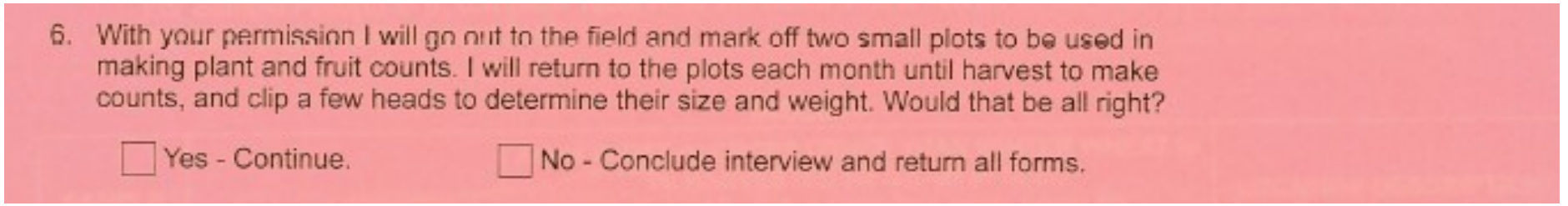
- Item 5 – Irrigated


5. Has this field been (or will it be) irrigated?

1 ☐ Yes 3 ☐ No CODE 105

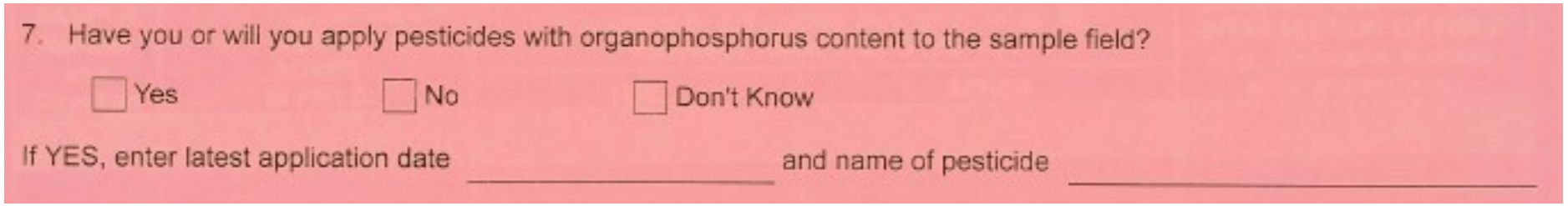
# Plotting & Pesticides

- Item 6 - Explain plotting processes


6. With your permission I will go out to the field and mark off two small plots to be used in making plant and fruit counts. I will return to the plots each month until harvest to make counts, and clip a few heads to determine their size and weight. Would that be all right?

☐ Yes - Continue. ☐ No - Conclude interview and return all forms.

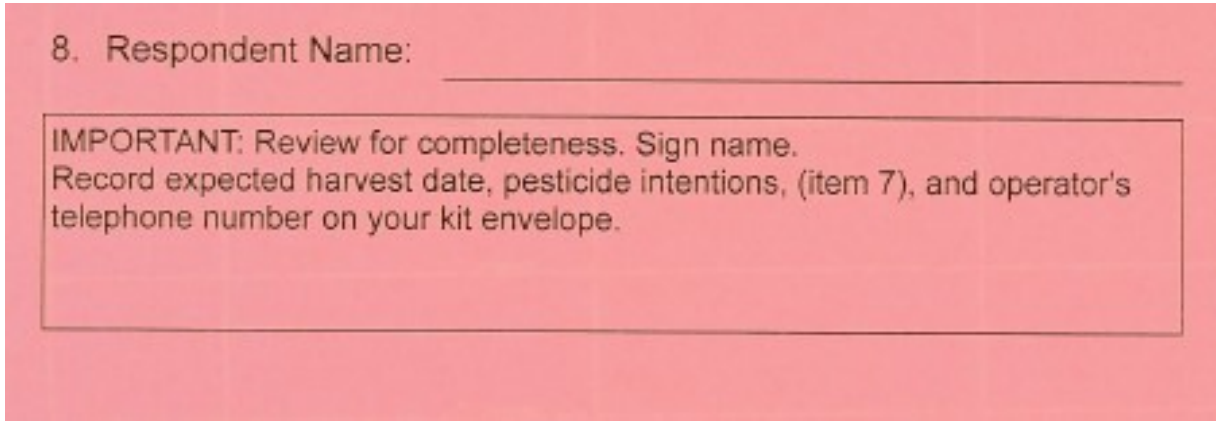
- Item 7 - Pesticides
  - Organophosphorus applied?
  - See Interviewers Manual for re-entry schedule


7. Have you or will you apply pesticides with organophosphorus content to the sample field?

☐ Yes ☐ No ☐ Don't Know

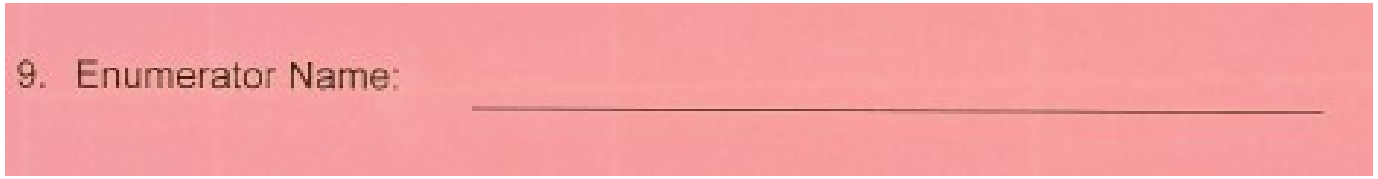
If YES, enter latest application date _____ and name of pesticide _____

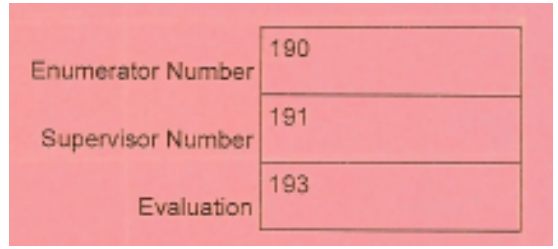
- Item 8 – Respondent's Name


8. Respondent Name: _____

IMPORTANT: Review for completeness. Sign name.
Record expected harvest date, pesticide intentions, (item 7), and operator's telephone number on your kit envelope.

- Item 9 – Enumerator Information


9. Enumerator Name: _____



# Friendly Reminders

- ✓ **Phone first**
- ✓ Form A's will be entered via CAPI
- ✓ All samples will have a cardinal direction and an indication if it is the closest or furthest in that direction
- ✓ Stay connected with the operator throughout season about field progress
- ✓ If multiple samples, only 1 sample per field until no more fields available

# POLL: Form A

# Pesticide Safety

# Pesticide Safety

- A pesticide safety program has been developed for all employees who may be exposed to pesticides while working WOY.
- This program is designed to protect you from the possibility of overexposure.
- Organophosphorus insecticides are used on most crops.

Organophosphorus Chemicals Commonly Used in Wheat Production

| Trade Name(s) | Common Name |
|---|---|
| Bracket, Orthene | Acephate |
| Sniper | Azinphos-methyl |
| Eraser, Govern, Lorsban, Nufos, Pilot, Warhawk, Whirlwind | Chlorpyrifos |
| Cobalt Advanced | Chlorpyrifos plus gamma-cyhalothrin |
| Stallion | Chlorpyrifos plus zeta-cypermethrin |
| Cygon, Cymate, De-Fend, Digon, Dimate, Dimethoate | Dimethoate |
| Disyston | Disulfoton |
| Ethyl parathion | Ethyl parathion |
| Atrapa, Fyfanon, Malathion | Malathion |
| Declare, Methyl parathion, Penncap-M | Methyl parathion |
| Thimet | Phorate |

# Pesticide Safety

- Field Re-Entry Intervals
  - Any Chemical – 1 Day
  - Organophosphorous Compounds – 3 Days or 72 hours for re-entry
    - Previous 30 Days – Limited to 6 Hours per Day

# Pesticide Safety

- Protective Clothing in organophosphorus chemical application
  - Wear a Long Sleeve Shirt
  - Wear Long Pants
  - Wear Head Covering
  - Limit work to a max of 6 hours per day in those fields
  - Wear Only 1 Day and Launder Separately From Your Other Clothes!

# Pesticide Safety

- Soap and Water For Decontamination
  - Carry Water and Bath/Bar Soap
  - Thoroughly Wash All Exposed Skin Areas

# Pesticide Poisoning

## SYMPTOMS

- Headaches
- Dizzy Spells
- Nervousness
- Sudden Weakness
- Sick Stomach
- Cramps
- Pupils of the Eye reduced in Size

## SYMPTOMS

- Diarrhea
- Heavy Sweating
- Breathing Difficulty
- Coma
- Seizures
- Vomiting

# Medical Attention

- Go to the Nearest Qualified Physician!
- Notify Immediately:
  - Your Coach and Manager
- Do Not Return to the Field Without:
  - The Doctor's Written Permission
  - Completing Form NAS-016 (Rev 11/95)

# Enumerator Safety

- Enumerator safety is our top priority
  - Please drive safe, stop at stop signs in the county and be aware of your surrounding.  During the spring and summer months, farmers are very busy in the fields.
- If you have plant or insect allergies, might be best to carry an anti-histamine, like Benadryl.
- Might be best to wear an insect repellant and apply sunscreen.
- Please be aware of the temperatures when working in the field. Might be best to work in early mornings or late evenings.  I would bring along a water jug and wear a hat.

# Unit Location and Layout

# Wheat Objective Yield Supplies

**Sample Bundle**
5 small white Tyvek
1 jumbo white Tyvek
8 orange rubber bands
7- #12 paper bags
5- #8 paper bags
5- #5 paper bags
18 red stakes
24 blue stakes

**Gleaning Bundle**
2 small white Tyvek
1 orange rubber band
1- #12 paper bag
10 red stakes

**Satchel Contents**
50 ft Tape Measure
Anchor Pin
Yardstick
Clippers
Clipboard
Pencil
Black Marker
Wheat Frame
Hand Counter

Other Supplies: Bamboo Poles, Flagging Ribbon, UPS Labels (white w/**blue banner** – St. Louis), Envelopes, pencils, clipboards, etc.

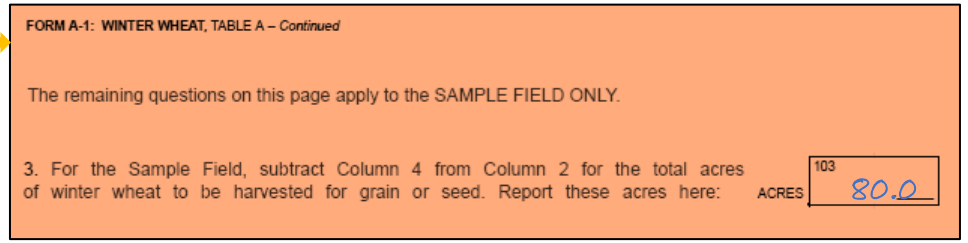
**If you are running low on supplies, contact your Coach**

# Wheat Supply Bundles

- All bundles prepared by National Lab in St. Louis, MO
- Why Supply Bundles?
  - Consistent supplies across samples
  - Easily transferrable between enumerators
  - Eliminates time required to assemble in RFO
- Do NOT open bundles if you don't need them, we can use them next year

# Determining Paces

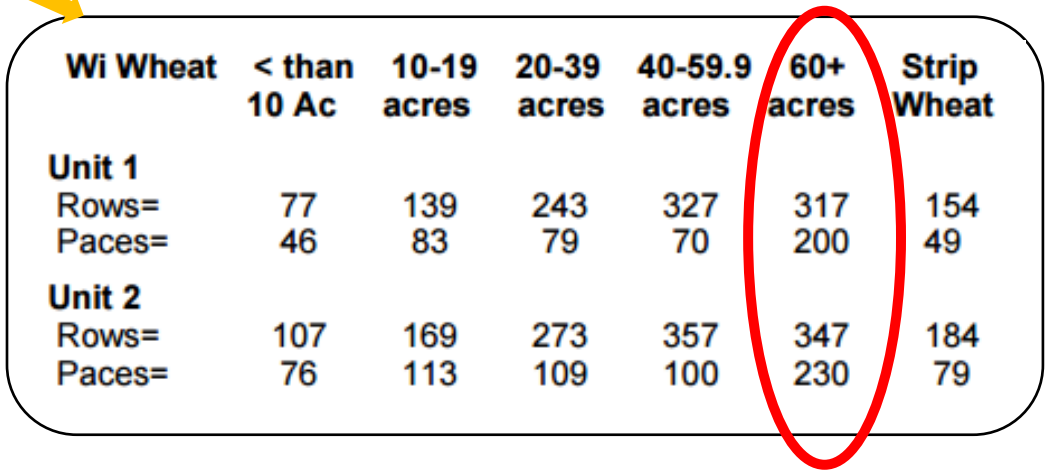
- Use Form A box 103 acres
- Find the appropriate field size on the kit envelope label
- Circle the rows and paces on the Kit Envelope label
- Copy to Form B



**FORM A-1: WINTER WHEAT, TABLE A – *Continued***

The remaining questions on this page apply to the SAMPLE FIELD ONLY.

3. For the Sample Field, subtract Column 4 from Column 2 for the total acres of winter wheat to be harvested for grain or seed. Report these acres here: ACRES 103 80.0



| Wi Wheat | < than 10 Ac | 10-19 acres | 20-39 acres | 40-59.9 acres | 60+ acres | Strip Wheat |
|---|---|---|---|---|---|---|
| **Unit 1** | | | | | | |
| Rows= | 77 | 139 | 243 | 327 | 317 | 154 |
| Paces= | 46 | 83 | 79 | 70 | 200 | 49 |
| **Unit 2** | | | | | | |
| Rows= | 107 | 169 | 273 | 357 | 347 | 184 |
| Paces= | 76 | 113 | 109 | 100 | 230 | 79 |

# Unit Location

Keep in Mind:

- ✓Starting corner will be the point which allows the units to fall anywhere in the field boundaries.
  - Mark the starting corner. (Make note of it on your Kit Envelope)
- ✓Step off your paces outside the plowed edge of the field. Start one and one-half feet outside the plowed edge of the field along the longer side of the field.
- ✓Turn at a right angle and step off paces into the field.
- ✓Make sure to deduct any area that was deducted in Form A

Interviewer's Manual Page 401-402

- Tie a piece of flagging ribbon to your poll to make it easier to find.

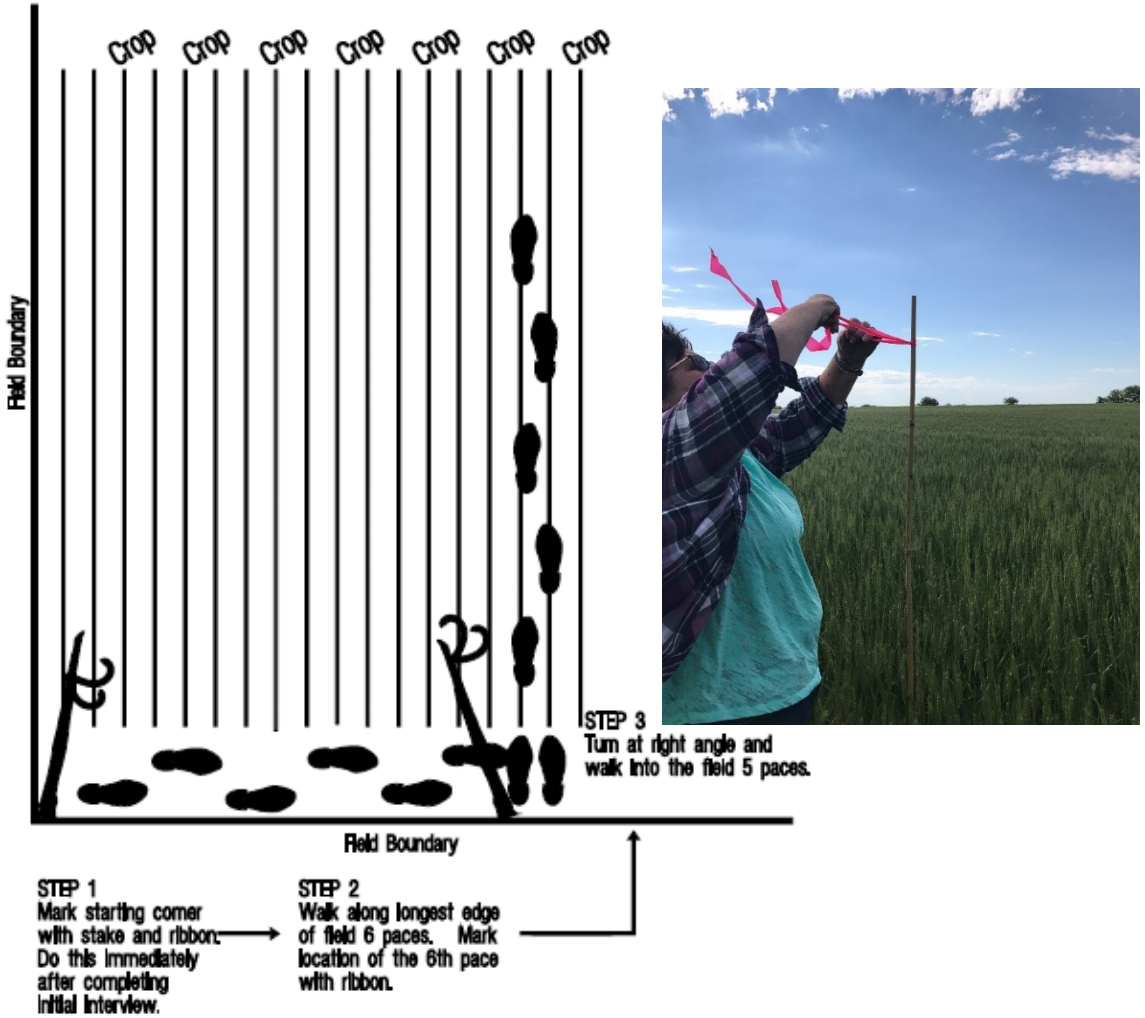
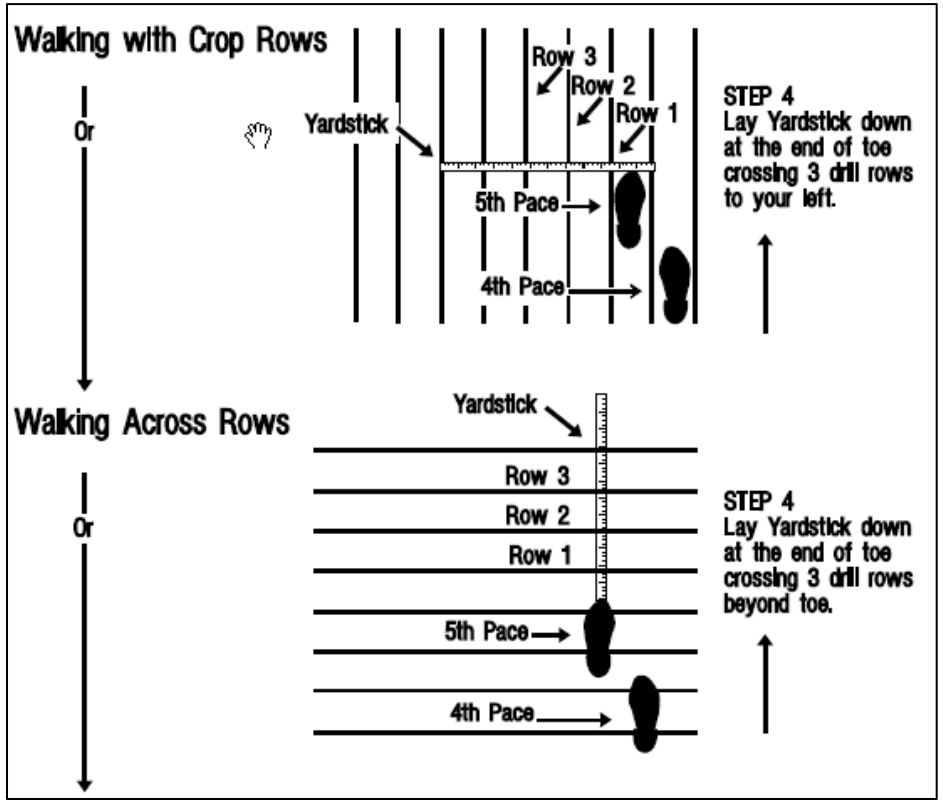


Figure 1.



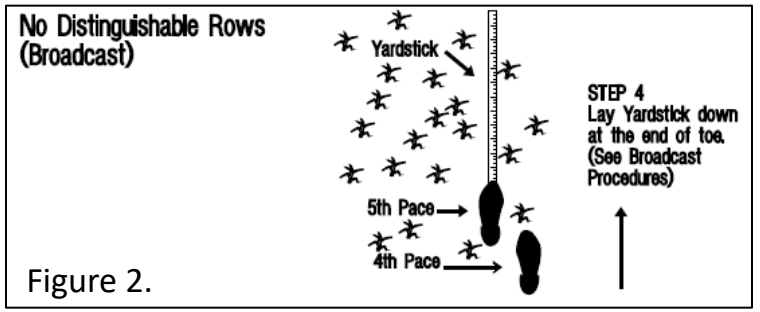
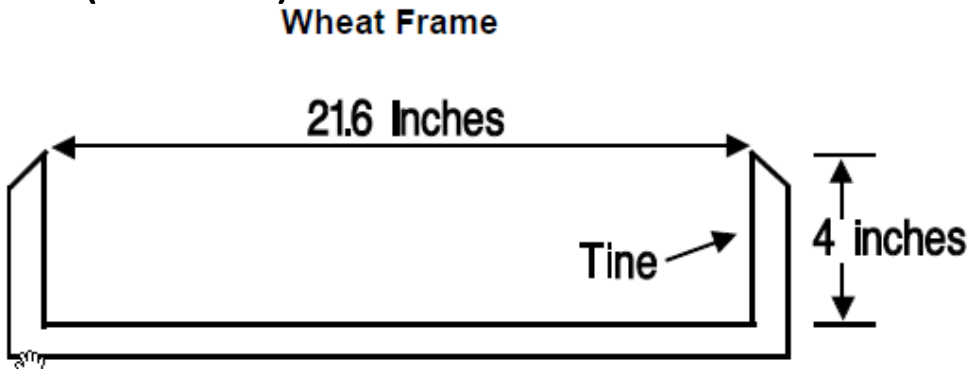




Figure 2.

- After you have completed your paces, place the yardstick so that it touches the toe of your shoe.
  - Yardstick needs to cross **3** drill rows.
    - ❖ Broadcast procedures start on page 409 of the Interview's Manual
- This marks Row 1, Row 2, and Row 3
- Next, lay out a five foot buffer zone to the **RIGHT** of the yardstick. (Use 50ft tape, anchor pin, wooden stakes.)
- Red florist stake will be placed at the beginning of your buffer zone.
  - ❖ Be sure to label your florist stake with the sample number.

# Wheat Frame

- Be sure to check your wheat frame (quality control)
  - Correct length (21.6 in)
  - Frame and tines are not bent
  - Halfway point marked (10.8 in)

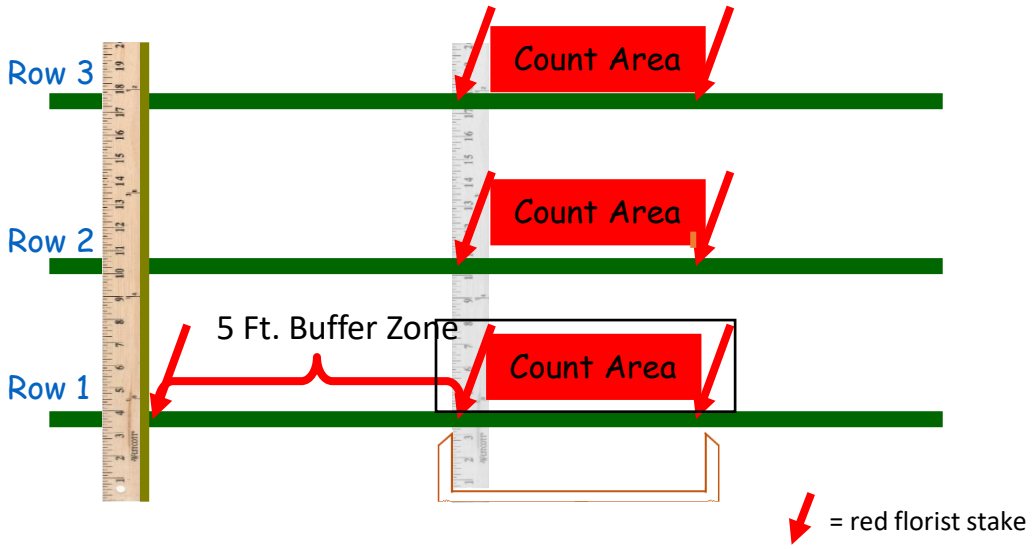


# Labeling Units

- Remember to label your wooden stakes
- S-1 (Sample 1)
- U-1,R-1 (Unit 1, Row 1)
- U-1, R-2 (Unit 1, Row 2)
- U-1, R-3 (Unit 1, Row 3)
- U-2,R-1 (Unit 2, Row 1)
- U-2, R-2 (Unit 2, Row 2)
- U-2, R-3 (Unit 2, Row 3)

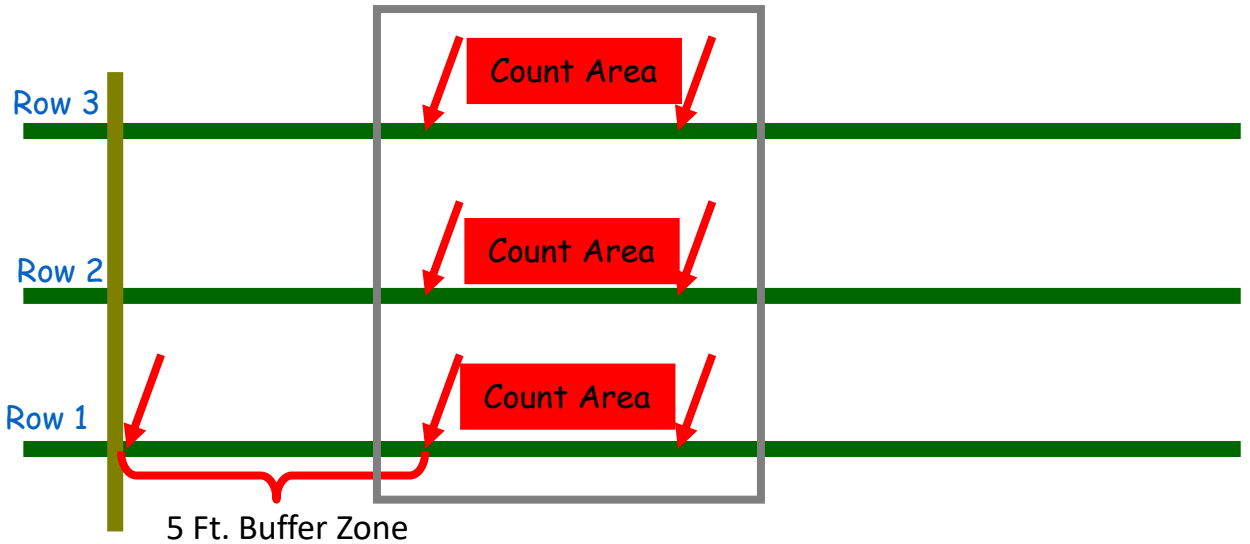
# Laying Out Unit 1 – Count Area

- Reposition yardstick to touch stake and cross three drill rows.
- Insert wheat frame into Row 1 and insert red florist stakes
  - Wheat frame identifies the length of the row included in the unit.
- Use tine to put in a red florist stake in the second row
- Do the same for row three



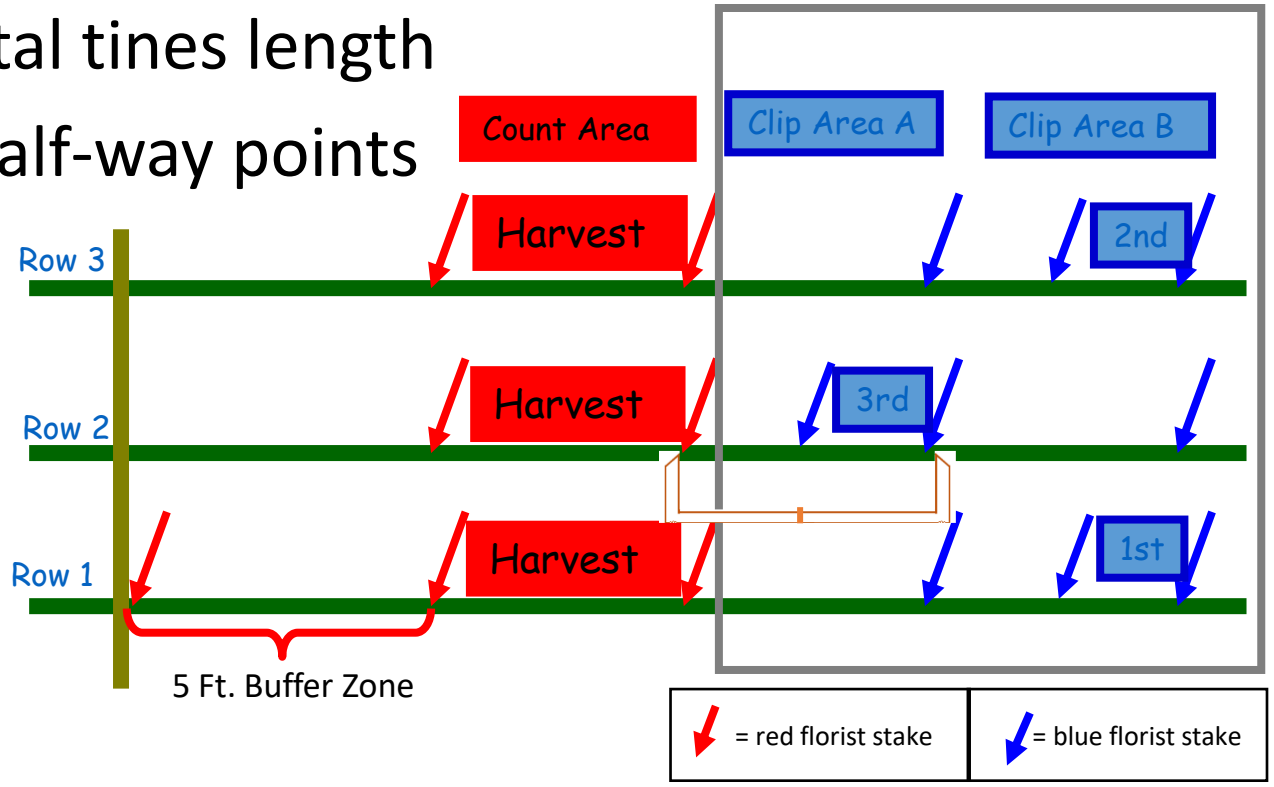
# Count vs Clip Area

- **Red stakes** mark the 1st, 2nd, and 3rd rows for one wheat frames length from the Buffer Zone.
- Note – the stakes go inside the wheat frame tines
- The **Red stakes** enclose the **COUNT AREA**.

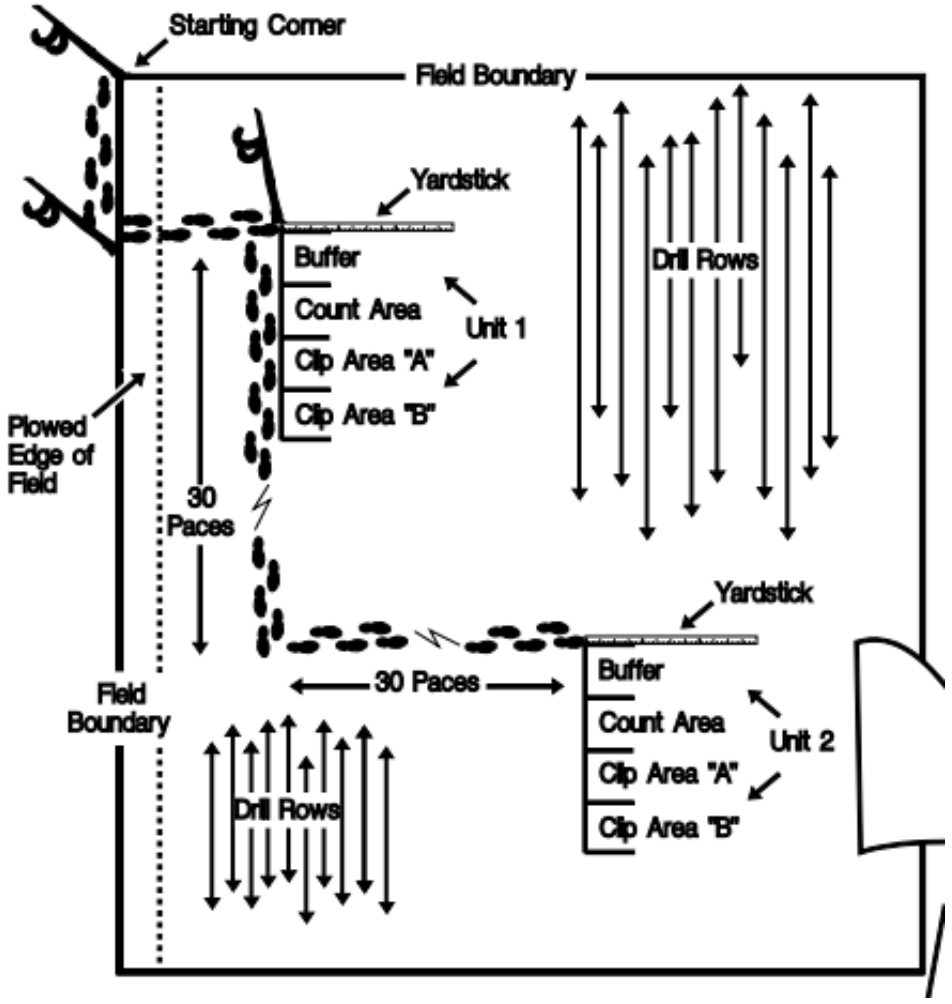


# Count vs Clip Area - continued

- **Blue stakes** follow a tines length from each of the red stakes
- Second set of **Blue stakes** follow a tines length
- Clip Areas are one half of the total tines length
- Use **blue stakes** to denote the half-way points when laying out clip areas



# Unit 1 and Unit 2 Field Locations

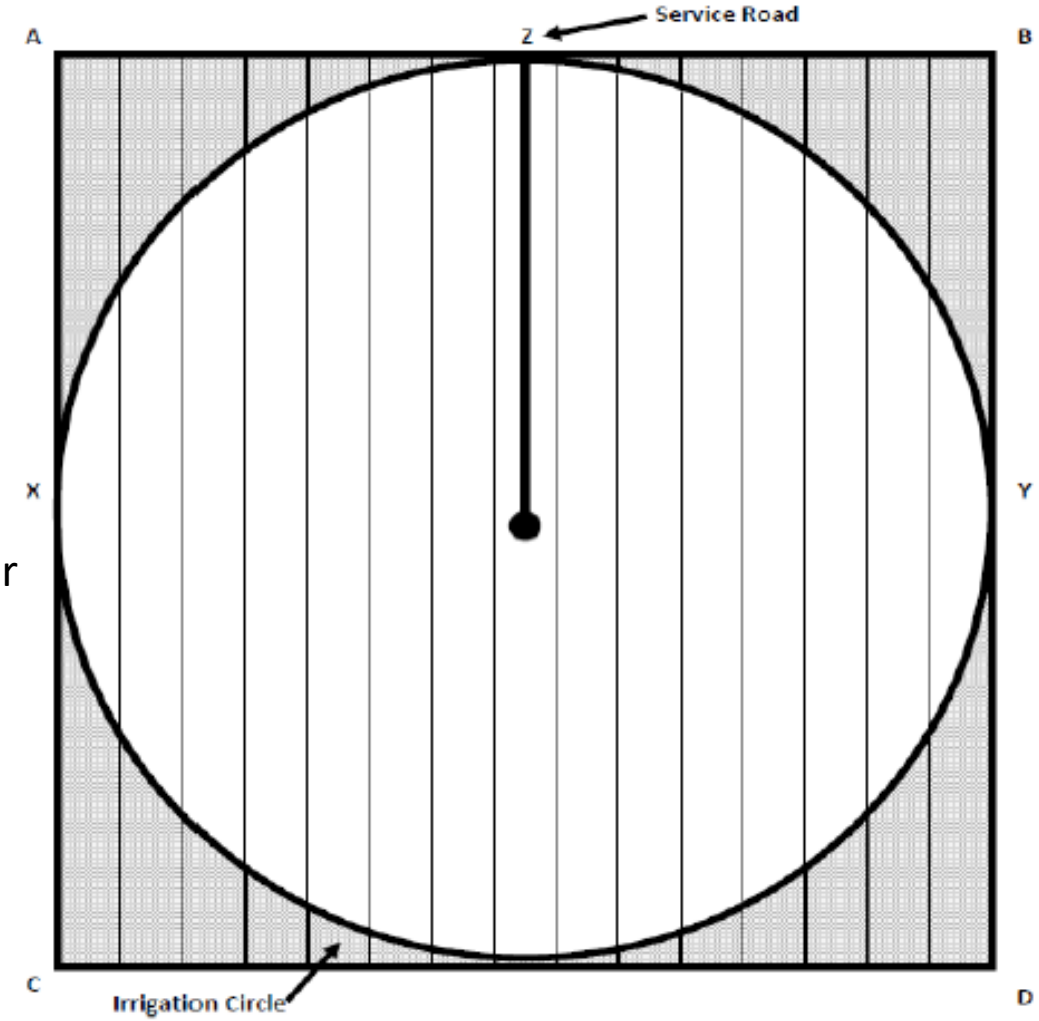


# Center Pivot Fields (IM pg. 416)

- We do not differentiate between irrigated and non-irrigated wheat

- Whole field is planted to wheat
  - Starting corner is either A, B, C or D.
  - Start at the most accessible corner, usually A or B
  - Paces along the edge and into the field done like normal

- Wheat only in circle
  - Exclude the shaded corners not planted to wheat
  - In most cases, service road entrance (Z) is the most accessible corner and will be the starting point
  - Starting at (Z)
  - Unit 1 is laid out to the right, towards (X)
  - Go back to point Z
  - Unit 2 is laid out to the left, towards (Y)
  - Paces will be counted in the usual manner.



# Special Situations

- Bounce Back
  - You reach the end of the field and have not taken the required paces, turn around and walk back.
- Spiral Seeded Field
  - Starting point – first point reached when arriving to field and walk clockwise along the edge of the field.
- Part of Unit Falls Outside of Field
  - Decrease the pace count
- Odd-Shaped Fields – Starting Corners
  - Sample unit needs to have an equal change of falling anywhere in the field.

# Questions?

# POLL: Unit Location

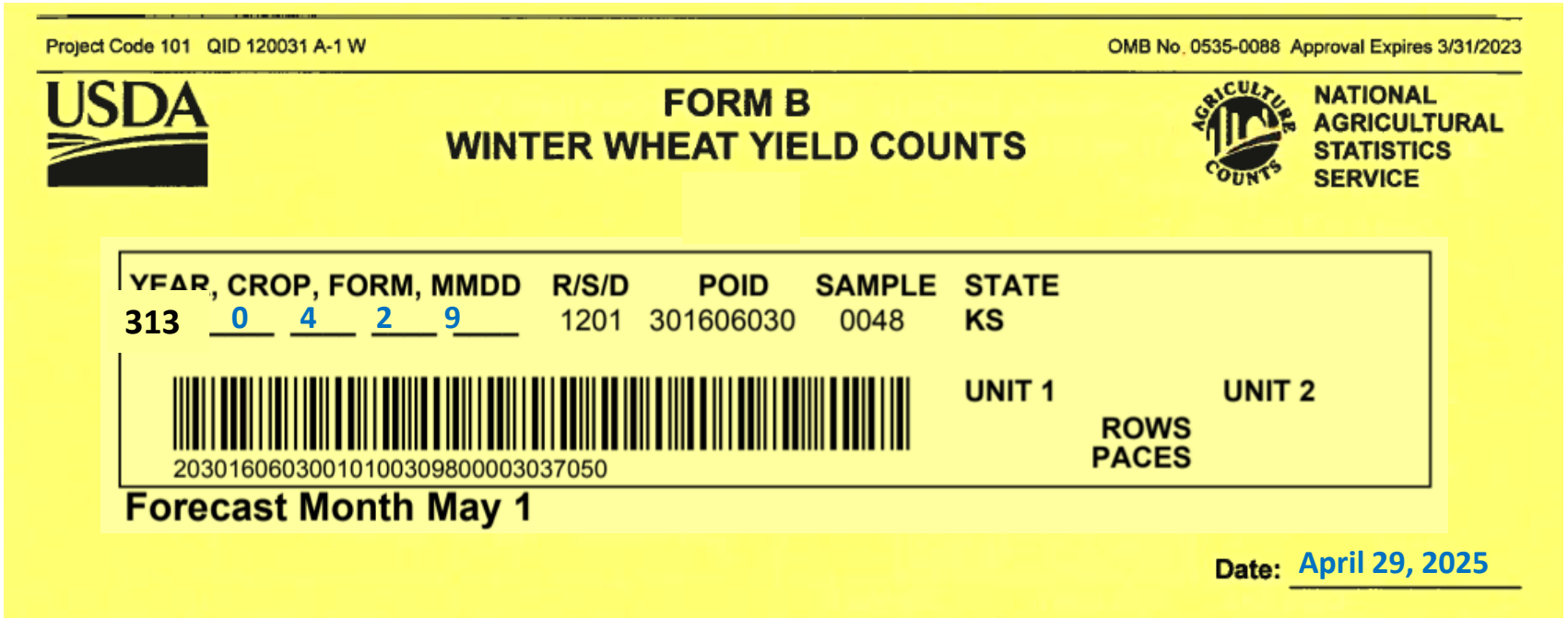
# Form B
# WINTER WHEAT YIELD COUNTS
# 2025

# Form B – CAPI Only

- Form Bs during monthly Wheat OY data collection timeframe:
  - Enter into CAPI
  - Do not ship paper forms to NPR

- Form Bs outside of monthly data collection timeframe:
  - *Final pre-harvest sample only*
  - Hold Form Bs and enter when data collection begins again
  - Ship final harvest to lab immediately

# Form B – Matching Dates



Project Code 101 QID 120031 A-1 W

OMB No. 0535-0088 Approval Expires 3/31/2023

USDA

**FORM B**
**WINTER WHEAT YIELD COUNTS**

NATIONAL AGRICULTURAL STATISTICS SERVICE

| YEAR, CROP, FORM, MMDD | R/S/D | POID | SAMPLE | STATE |
|---|---|---|---|---|
| 313 0 4 2 9 | 1201 | 301606030 | 0048 | KS |

UNIT 1 UNIT 2

ROWS
PACES

2030160603001010030980000303705O

**Forecast Month May 1**

**Date:** April 29, 2025

Both dates need to match

# Questionnaire Breakdown

1. Pesticides
2. Paces along edge
3. Paces into field
4. Unit Location Code

1. Has operator applied pesticides with organophosphorus content to the sample field?

☐ Yes ☐ No

*If YES*, enter latest application date _____ and name of pesticide _____

**UNIT LOCATION**

| | UNIT 1 | | UNIT 2 |
|---|---|---|---|
| 2. Number of paces along edge of field | | + 30 | |
| 3. Number of paces into field | | + 30 | |
| | **UNIT 1** | | **UNIT 2** |
| 4. UNIT LOCATION CODE | 305 | | 307 |

1 First visit to lay out unit
2 Unit relocated this month
3 Sample unit laid out previously

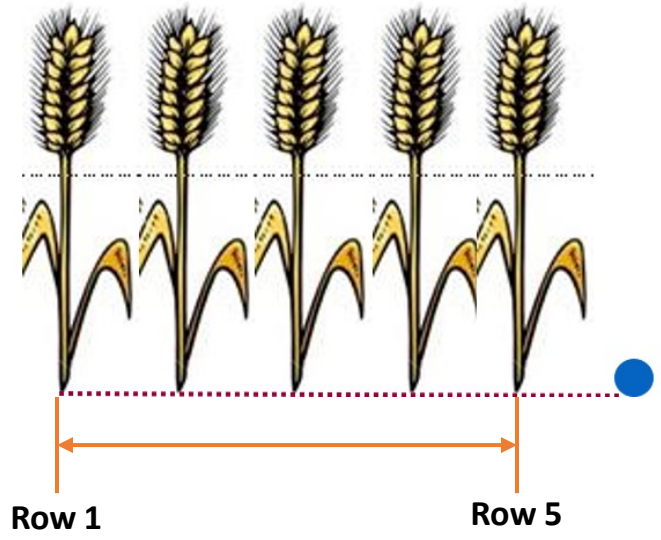
Enter Code

When unit is Coded 3, go to item 6; otherwise go to item 5.

# Questionnaire Breakdown

## 5. Row space measurements

| 5. ROW SPACE MEASUREMENTS | | UNIT 1 | UNIT 2 |
|---|---|---|---|
| a. Measure distance from stalks in Row 1 to stalks in Row 5..... | Feet & Tenths | 301 .___ | 303 .___ |



# Questionnaire Breakdown

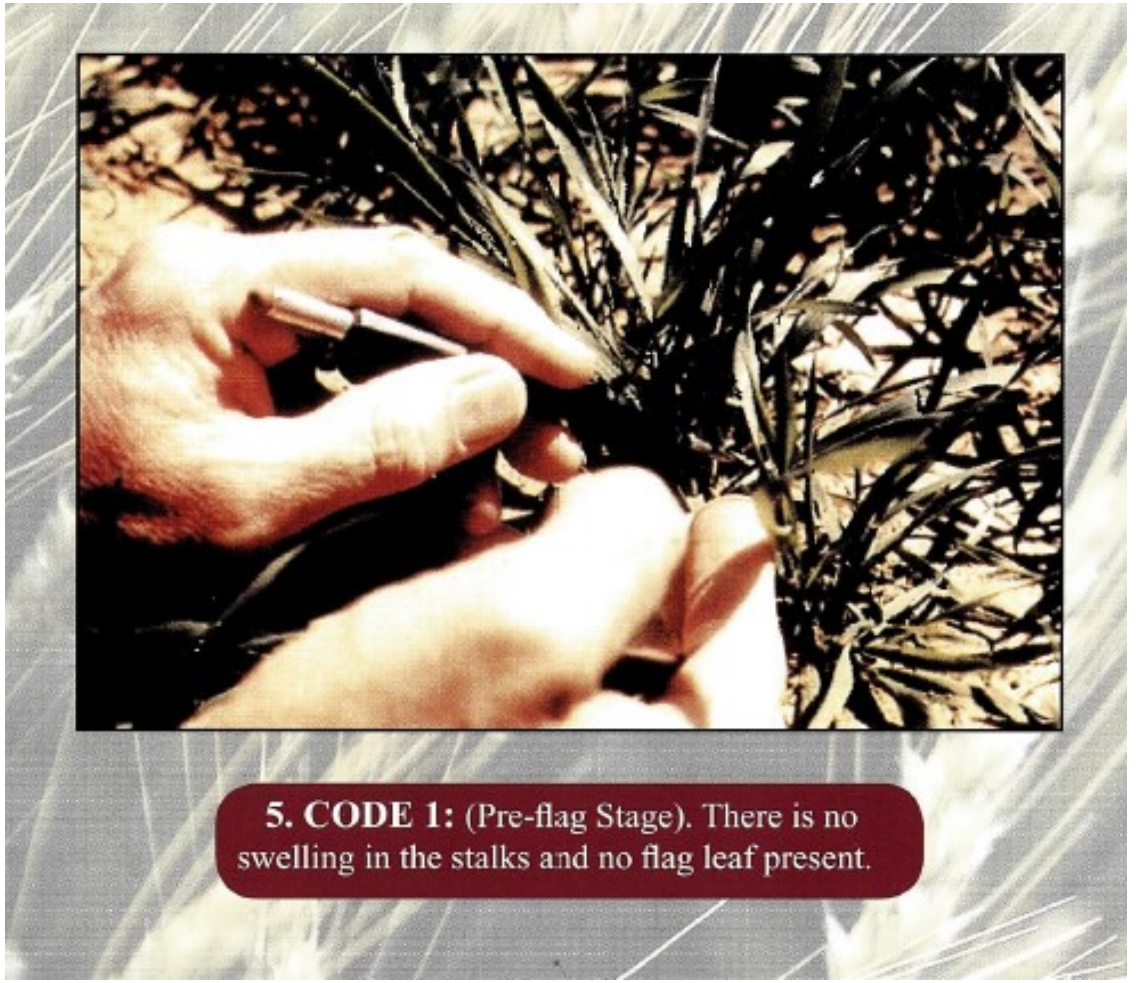
## 6. Stage of maturity

6. STAGE OF MATURITY: (Circle one code for each unit)

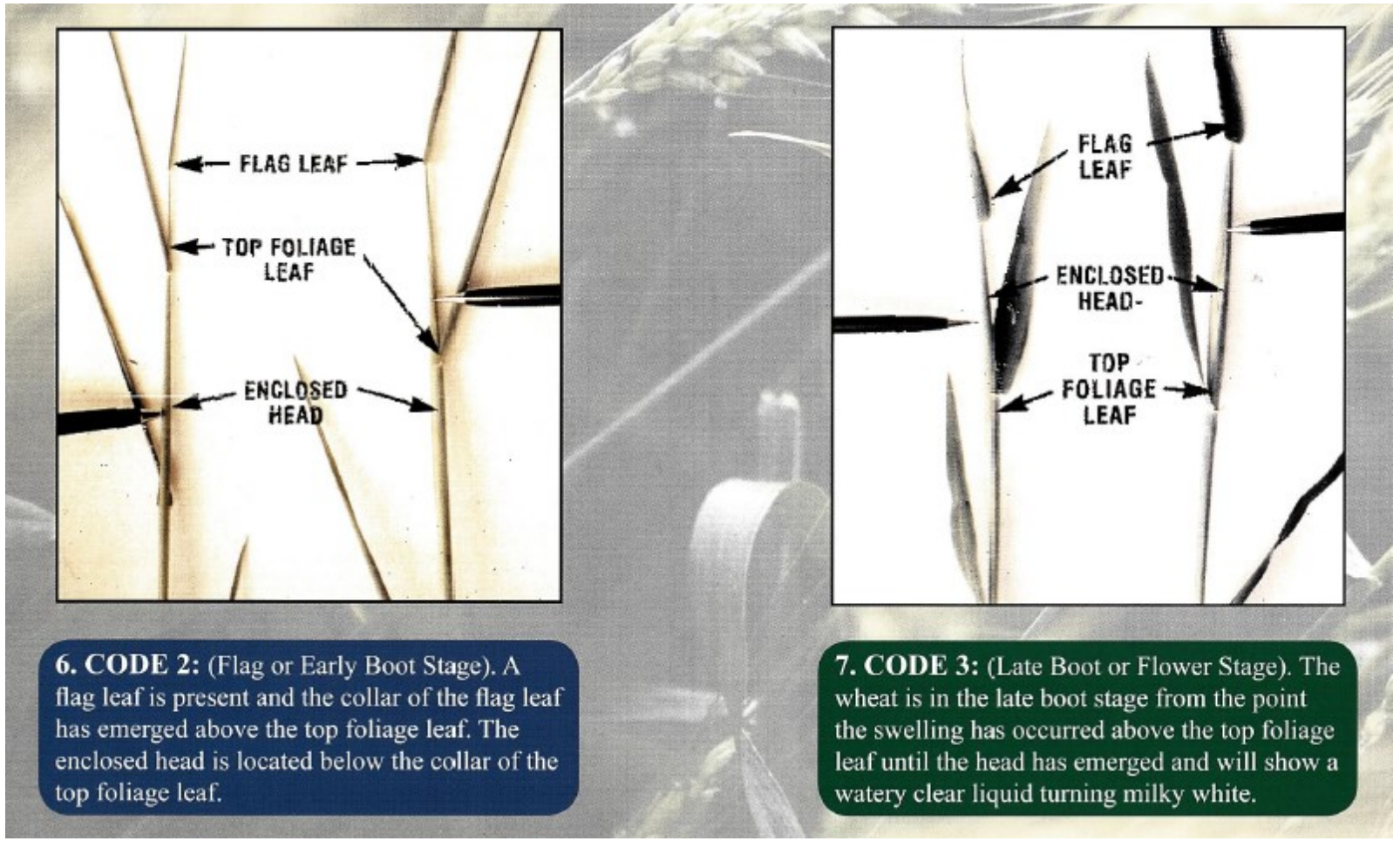
| MATURITY STAGE | PRE-FLAG | FLAG OR EARLY | LATE BOOT OR FLOWER | MILK | SOFT DOUGH | HARD DOUGH | RIPE | BLANK |
|---|---|---|---|---|---|---|---|---|
| UNIT 1 Count Area | 300 1 | 300 2 | 300 3 | 300 4 | 300 5 | 300 6 | 300 7 | 300 8 |
| UNIT 2 Count Area | 302 1 | 302 2 | 302 3 | 302 4 | 302 5 | 302 6 | 302 7 | 302 8 |
| If Unit One Maturity is | 1 or 2, start counts with item 7 | | 3, 4, or 5, start counts with item 8 | | | 6 or 7, start counts with item 8 | | 8. Substitute Unit Two when both 8, Go to item 10 |

When in doubt, always go lower!

# Pre-Flag Stage



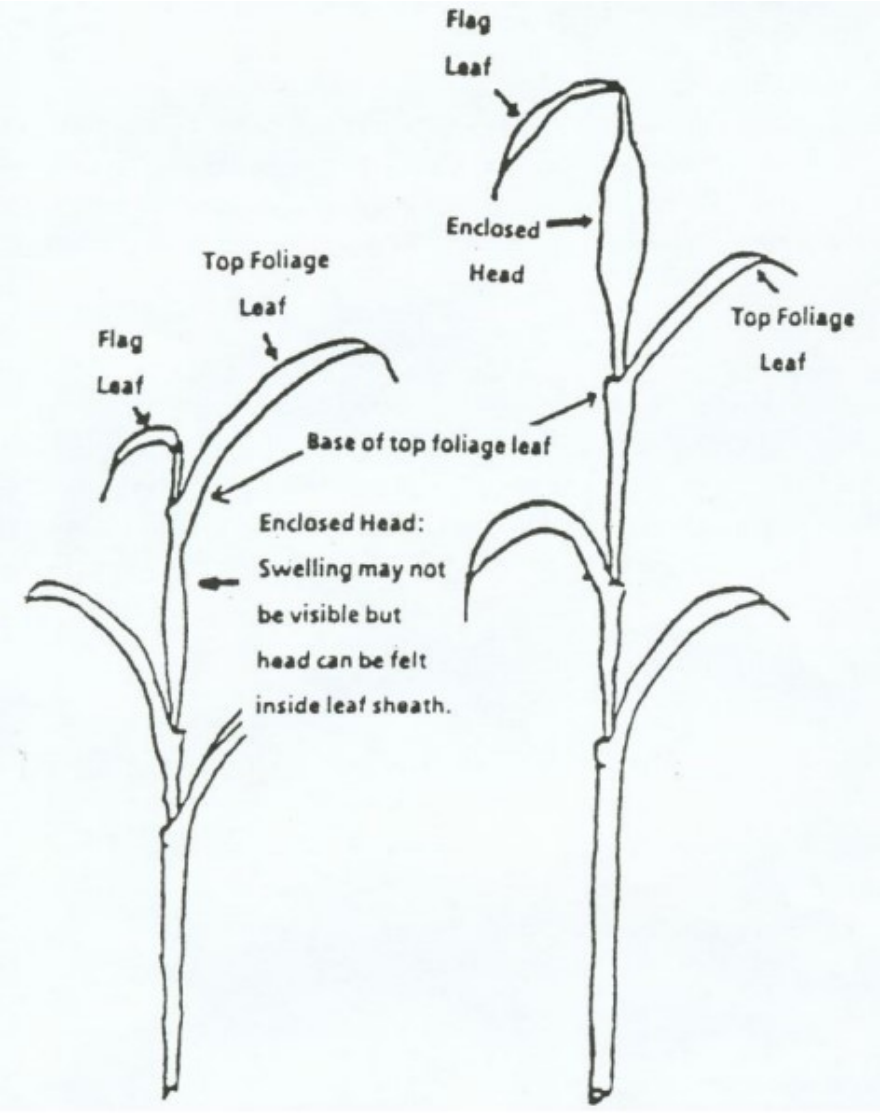
# Early and Late Boot Stages



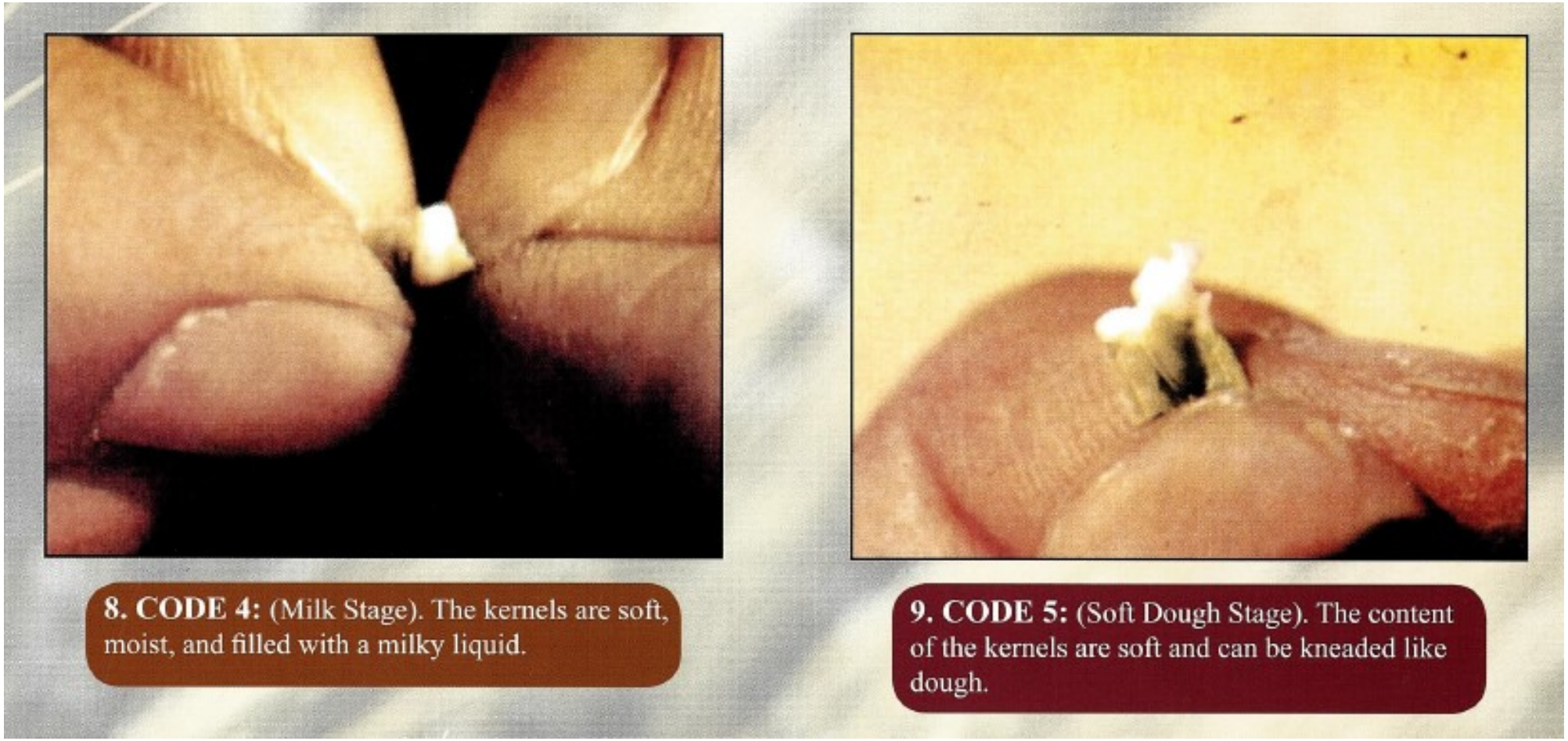

**6. CODE 2:** (Flag or Early Boot Stage). A flag leaf is present and the collar of the flag leaf has emerged above the top foliage leaf. The enclosed head is located below the collar of the top foliage leaf.

**7. CODE 3:** (Late Boot or Flower Stage). The wheat is in the late boot stage from the point the swelling has occurred above the top foliage leaf until the head has emerged and will show a watery clear liquid turning milky white.

# Early vs Late Boot Stage



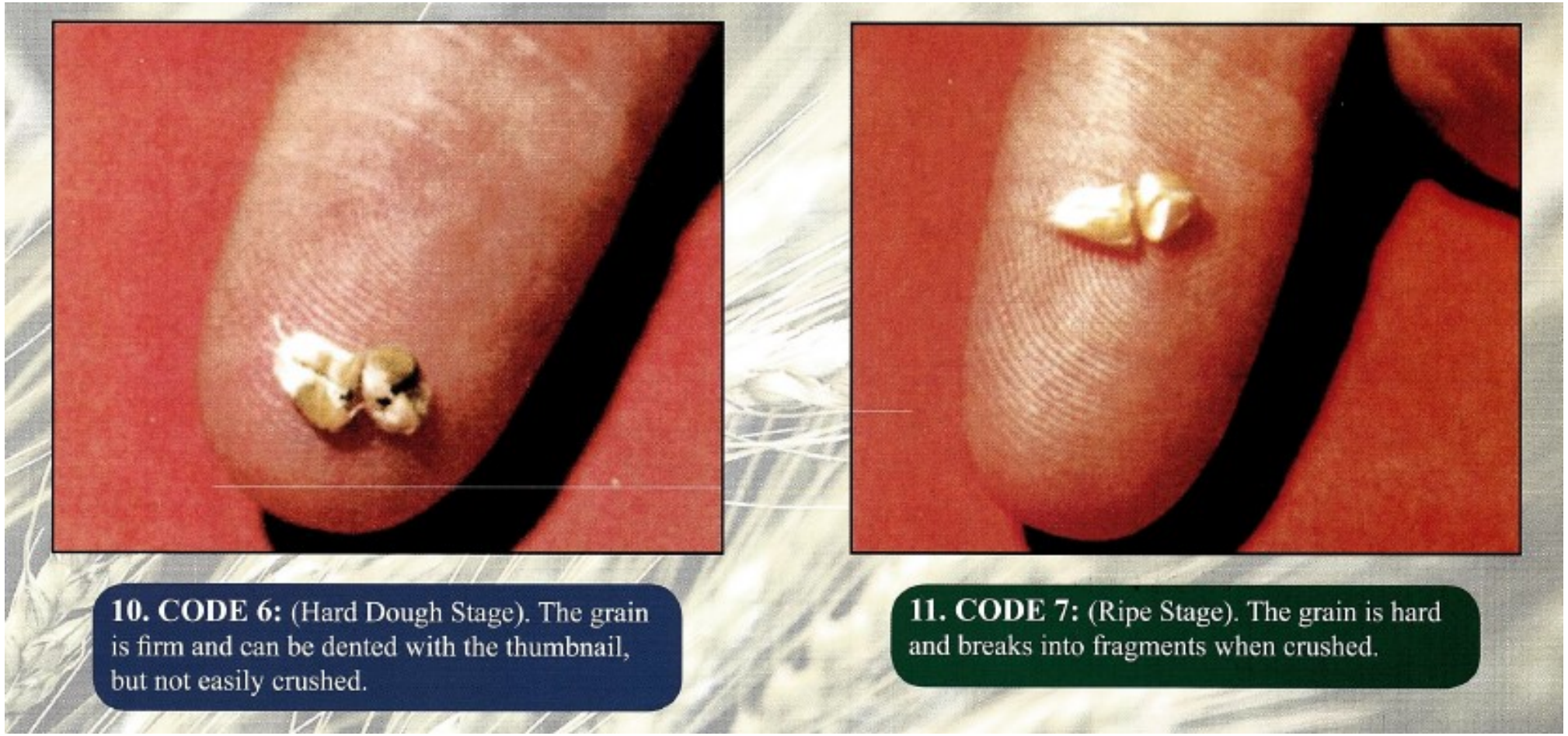
# Milk and Soft Dough Stages



**8. CODE 4:** (Milk Stage). The kernels are soft, moist, and filled with a milky liquid.

**9. CODE 5:** (Soft Dough Stage). The content of the kernels are soft and can be kneaded like dough.

# Hard Dough and Ripe Stages



# Questionnaire Breakdown

6. STAGE OF MATURITY: (Circle one code for each unit)

| MATURITY STAGE | PRE-FLAG | FLAG OR EARLY | LATE BOOT OR FLOWER | MILK | SOFT DOUGH | HARD DOUGH | RIPE | BLANK |
|---|---|---|---|---|---|---|---|---|
| UNIT 1 Count Area | 300 1 | 300 2 | 300 3 | 300 4 | 300 5 | 300 6 | 300 7 | 300 8 |
| UNIT 2 Count Area | 302 1 | 302 2 | 302 3 | 302 4 | 302 5 | 302 6 | 302 7 | 302 8 |
| If Unit One Maturity is | 1 or 2, start counts with item 7 | | 3, 4, or 5, start counts with item 8 | | | 6 or 7, start counts with item 8 | | 8. Substitute Unit Two when both 8, Go to item 10 |

| COUNTS WITHIN UNITS | UNIT 1 | | | UNIT 2 | | |
|---|---|---|---|---|---|---|
| | Row 1 | Row 2 | Row 3 | Row 1 | Row 2 | Row 3 |
| 7. Number of stalks (stems) in row..... | 311 | 312 | 313 | 314 | 315 | 316 |
| 8. Number of heads in LATE BOOT..... | 351 | 352 | 353 | 354 | 355 | 356 |
| 9. a. Number of emerged heads on all stalks | 331 | 332 | 333 | 334 | 335 | 336 |
| b. Number of detached heads in unit..... | | 341 | ..... | | 344 | |

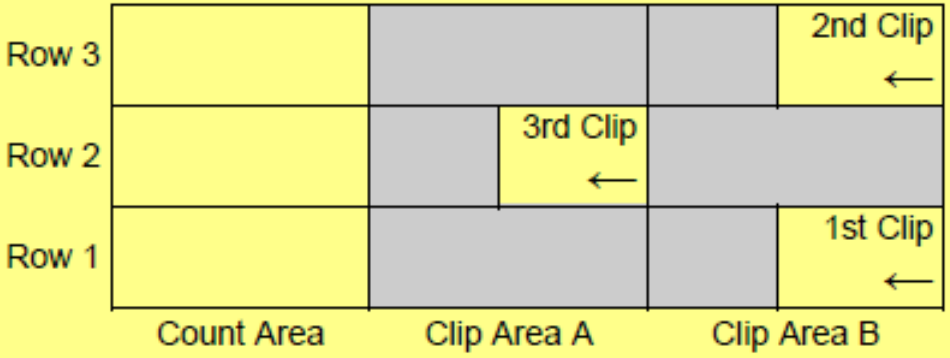
(Complete 9b only on Final PRE-HARVEST VISIT)

# Questionnaire Breakdown

## 10. Steps based on maturity code

10. If the MATURITY CODE circled in item 6 for Unit One (or Unit Two when Unit One is blank) is:
    a. Code 1 or 2: SKIP items 11 and 12. Enter enumerator and supervisor numbers and sign name.
    b. Code 3, 4, or 5: Go to item 11.
    c. Code 6 or 7: Go to item 12.
    d. Code 8 (Both Units): Record dashes for appropriate items plus note on Form B and kit envelope that both units are in blank area. Enter enumerator and supervisor numbers and sign name.

Lay out Units 1 and 2 as shown below:




**CLIPPING ORDER**

Both Units (*item 11*)
First Clipping -- Row 1 in Clip Area B
Second Clipping -- Row 3 in Clip Area B
Third Clipping -- Row 2 in Clip Area A

# Questionnaire Breakdown

11. Clip Areas

(MC = 3, 4, or 5)

Lay out Units 1 and 2 as shown below:


**CLIPPING ORDER**

Both Units (*item 11*)
First Clipping -- Row 1 in Clip Area B
Second Clipping -- Row 3 in Clip Area B
Third Clipping -- Row 2 in Clip Area A

11. WITHIN CLIP AREA: Make clippings in the designated ROW within Clip Area OF EACH unit following steps below.

If Unit 2 Maturity Code is 2, enter enumerator and supervisor numbers below and sign name.
Discard Unit 1 clipping and DO NOT send any clippings to the lab.

Step 1 -- Mark half-way point in specified row in clip area.

Step 2 -- MOW (cut stalk within 2 inches of base) all wheat stalks in specified row until 5 emerged heads (if that many) are obtained OR until one-half the row is completely mowed. Begin mowing at the end of the row farthest from count area and mow in direction of count area. Examine each stalk for emerged head as it is mowed; if present, clip stalk 1/2 inch below the head. Place the 5 (or less) emerged heads in a small bag. Record count on YELLOW I.D. tag. Also, when mowing, clip and count any heads in late boot at base of top foliage leaf and place in a medium size bag

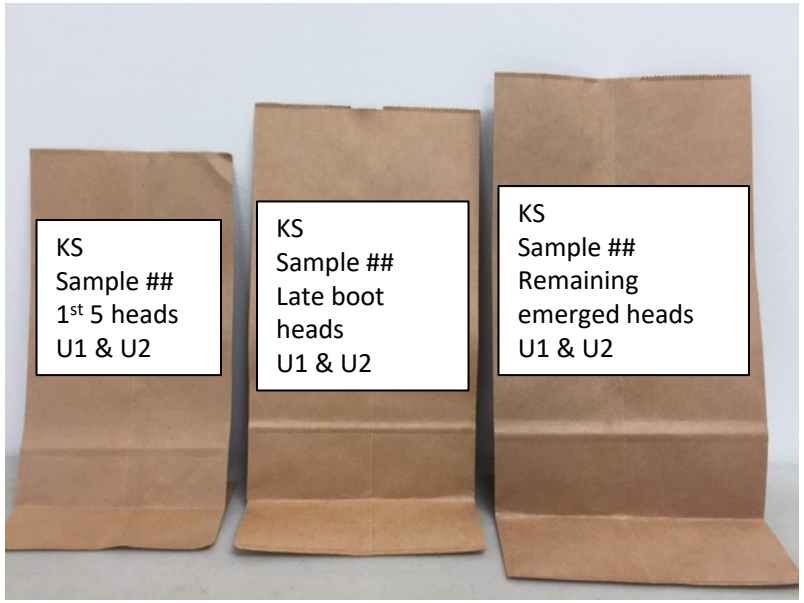
Step 3 -- MOW remaining stalks up to the half-way mark. Examine each stalk and determine which ones are emerged heads and late boot heads. CLIP the stalks 1/2 inch below the emerged head or at base of top foliage leaf for late boot heads. Place the remaining emerged heads in a large bag and the late boot heads in a medium bag.

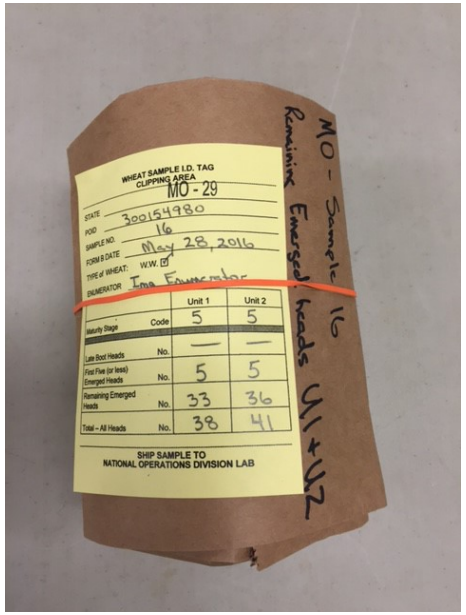
Step 4 -- Record the count of the remaining emerged heads and the late boot heads on the YELLOW I.D. tag.

Repeat steps 1 through 4 for Unit 2 using same bags for emerged heads and late boot heads as used in Unit 1.
Prepare one I.D. tag. Label all bags with sample number. Seal and place the small and medium size bags in the large bag. Seal large bag. Verify and date YELLOW I.D. tag and attach to outside of large bag using one rubber band.

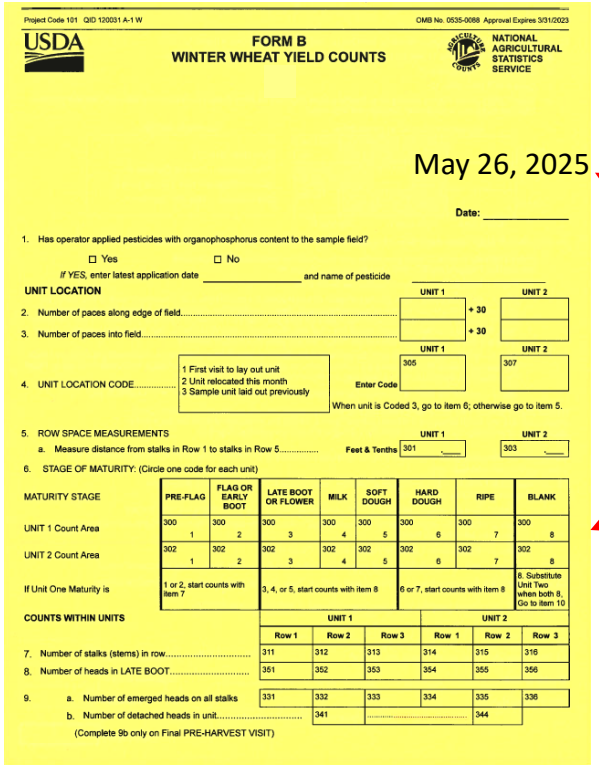
# Preferred Packaging – Clip Area

Clip area – Maturity Stage 3, 4 and 5, **one set of bags for both units**



# Yellow ID Tag vs Form B



Project Code 101 QID 120031 A-1 W — OMB No. 0535-0088 Approval Expires 3/31/2023

USDA

**FORM B**
**WINTER WHEAT YIELD COUNTS**

NATIONAL AGRICULTURAL STATISTICS SERVICE

May 26, 2025

Date: _____

1. Has operator applied pesticides with organophosphorus content to the sample field?
   ☐ Yes ☐ No
   *If YES,* enter latest application date _____ and name of pesticide _____

**UNIT LOCATION**

| | | UNIT 1 | UNIT 2 |
|---|---|---|---|
| 2. | Number of paces along edge of field | + 30 | |
| 3. | Number of paces into field | + 30 | |

4. UNIT LOCATION CODE — 1 First visit to lay out unit; 2 Unit relocated this month; 3 Sample unit laid out previously — Enter Code: UNIT 1 [305], UNIT 2 [307]
   When unit is Coded 3, go to item 6; otherwise go to item 5.

5. ROW SPACE MEASUREMENTS
   a. Measure distance from stalks in Row 1 to stalks in Row 5 — Feet & Tenths: UNIT 1 [301], UNIT 2 [303]

6. STAGE OF MATURITY: (Circle one code for each unit)

| MATURITY STAGE | PRE-FLAG | FLAG OR EARLY BOOT | LATE BOOT OR FLOWER | MILK | SOFT DOUGH | HARD DOUGH | RIPE | BLANK |
|---|---|---|---|---|---|---|---|---|
| UNIT 1 Count Area | 300 1 | 300 2 | 300 3 | 300 4 | 300 5 | 300 6 | 300 7 | 300 8 |
| UNIT 2 Count Area | 302 1 | 302 2 | 302 3 | 302 4 | 302 5 | 302 6 | 302 7 | 302 8 |
| If Unit One Maturity is | 1 or 2, start counts with item 7 | | 3, 4, or 5, start counts with item 8 | | | 6 or 7, start counts with item 8 | | 8. Substitute Unit Two when both 8, Go to item 10 |

**COUNTS WITHIN UNITS**

| | | UNIT 1 | | | UNIT 2 | | |
|---|---|---|---|---|---|---|---|
| | | Row 1 | Row 2 | Row 3 | Row 1 | Row 2 | Row 3 |
| 7. | Number of stalks (stems) in row | 311 | 312 | 313 | 314 | 315 | 316 |
| 8. | Number of heads in LATE BOOT | 351 | 352 | 353 | 354 | 355 | 356 |
| 9. | a. Number of emerged heads on all stalks | 331 | 332 | 333 | 334 | 335 | 336 |
| | b. Number of detached heads in unit | | 341 | | | 344 | |

(Complete 9b only on Final PRE-HARVEST VISIT)

**WHEAT SAMPLE I.D. TAG**
**CLIPPING AREA**

STATE NEBRASKA
POID 4870255980
SAMPLE NO. 36
FORM B DATE 5/26
TYPE of WHEAT: W.W. ☒
ENUMERATOR John Smith

| | | Unit 1 | Unit 2 |
|---|---|---|---|
| Maturity Stage | Code | 3 | 3 |
| Late Boot Heads | No. | 17 | 18 |
| First Five (or less) Emerged Heads | No. | 5 | 5 |
| Remaining Emerged Heads | No. | 10 | 10 |
| Total – All Heads | No. | 32 | 33 |

**SHIP SAMPLE TO**
**NATIONAL OPERATIONS DIVISION LAB**

Data on lower portion of Yellow ID tag comes from the Clip Area on the back of Form B

# Questionnaire Breakdown

12. Count Area (maturity code = 6 or 7)

12. WITHIN COUNT AREAS -- Clip and Count all heads in count area of BOTH units following steps below.
Use a separate large bag for each unit.

Step 1 -- Clip all heads in Late Boot at base of top foliage leaf in Row 1 - Compare with item 8 count

Step 2 -- Clip all Emerged heads 1/2 inch below head in Row 1 - Compare with item 9a count and place emerged heads in same bag with late boot heads.

Step 3 -- Repeat steps 1 and 2 for Rows 2 and 3. -- Check counts.

Step 4 -- Pick up all Detached Heads on ground in unit counted in item 9b. Place in bag with clipped heads.

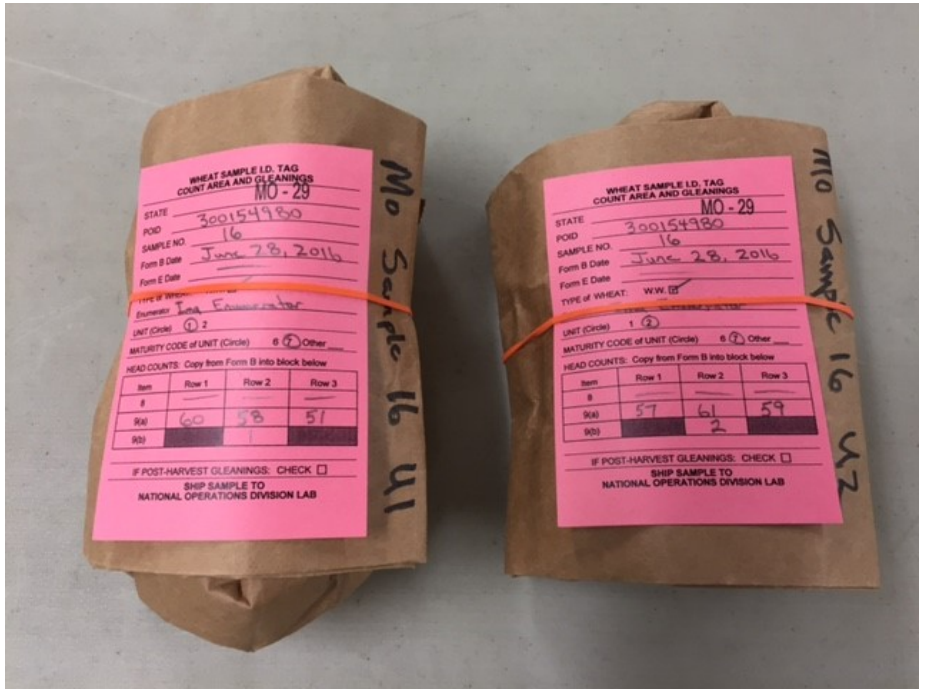
Copy recorded heads from items 8 and 9 of Form B onto PINK I.D. Tags. Date and attach one I.D. Tag to each large bag.

Check here ☐ after placing bags in a Tyvek envelope addressed to NATIONAL LABORATORY

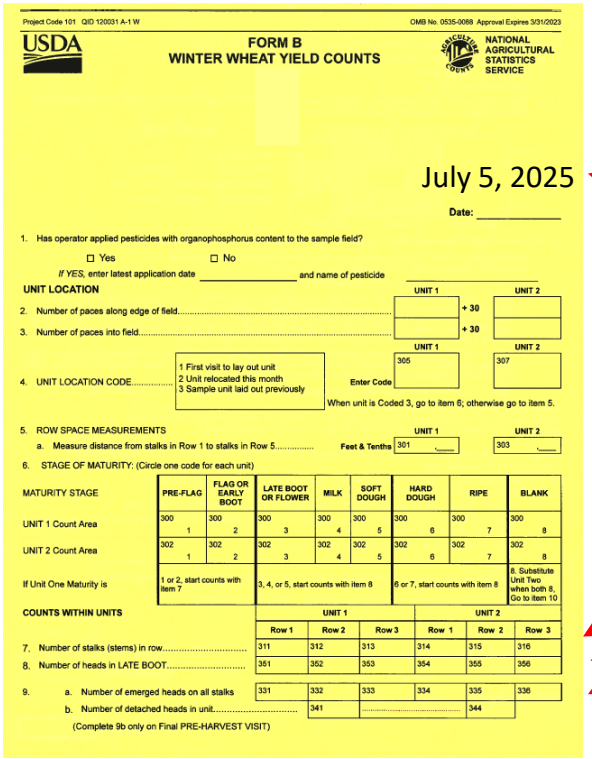
- When Maturity Code is 6 or 7, it is time to take the final pre-harvest sample.
- Final pre-harvest sample is taken from the COUNT AREA
- When Maturity Code is 6 or 7, it is time to clip the count area you have been studying all season.

# Preferred Packaging Final Pre-Harvest

Count Area –
Maturity Stage 6 & 7,
(Hard Dough & Ripe)
**separate bag for each unit**



# Pink ID tag vs Form B



Project Code 101 QID 120031 A-1 W — OMB No. 0535-0088 Approval Expires 3/31/2023

USDA

**FORM B**
**WINTER WHEAT YIELD COUNTS**

NATIONAL AGRICULTURAL STATISTICS SERVICE

July 5, 2025

Date: _____

1. Has operator applied pesticides with organophosphorus content to the sample field?
   ☐ Yes ☐ No
   *If YES,* enter latest application date _____ and name of pesticide _____

**UNIT LOCATION**

2. Number of paces along edge of field..... UNIT 1 [ ] + 30 UNIT 2 [ ] + 30
3. Number of paces into field.....

4. UNIT LOCATION CODE..... (1 First visit to lay out unit; 2 Unit relocated this month; 3 Sample unit laid out previously) Enter Code UNIT 1 [305] UNIT 2 [307]
   When unit is Coded 3, go to item 6; otherwise go to item 5.

5. ROW SPACE MEASUREMENTS
   a. Measure distance from stalks in Row 1 to stalks in Row 5..... Feet & Tenths UNIT 1 [301 .___] UNIT 2 [303 .___]

6. STAGE OF MATURITY: (Circle one code for each unit)

| MATURITY STAGE | PRE-FLAG | FLAG OR EARLY BOOT | LATE BOOT OR FLOWER | MILK | SOFT DOUGH | HARD DOUGH | RIPE | BLANK |
|---|---|---|---|---|---|---|---|---|
| UNIT 1 Count Area | 300 1 | 300 2 | 300 3 | 300 4 | 300 5 | 300 6 | 300 7 | 300 8 |
| UNIT 2 Count Area | 302 1 | 302 2 | 302 3 | 302 4 | 302 5 | 302 6 | 302 7 | 302 8 |
| If Unit One Maturity is | 1 or 2, start counts with item 7 | | 3, 4, or 5, start counts with item 8 | | | 6 or 7, start counts with item 8 | | 8, Substitute Unit Two when both 8, Go to item 10 |

**COUNTS WITHIN UNITS**

| | UNIT 1 Row 1 | UNIT 1 Row 2 | UNIT 1 Row 3 | UNIT 2 Row 1 | UNIT 2 Row 2 | UNIT 2 Row 3 |
|---|---|---|---|---|---|---|
| 7. Number of stalks (stems) in row..... | 311 | 312 | 313 | 314 | 315 | 316 |
| 8. Number of heads in LATE BOOT..... | 351 | 352 | 353 | 354 | 355 | 356 |
| 9. a. Number of emerged heads on all stalks | 331 | 332 | 333 | 334 | 335 | 336 |
| b. Number of detached heads in unit..... | 341 | | | | 344 | |

(Complete 9b only on Final PRE-HARVEST VISIT)

**WHEAT SAMPLE I.D. TAG**
**COUNT AREA AND GLEANINGS**

STATE NEBRASKA
POID 887025586
SAMPLE NO. 36
Form B Date 7/05
Form E Date
TYPE of WHEAT: W.W. ☒
Enumerator John Smith 20007
UNIT (Circle) (1) 2
MATURITY CODE of UNIT (Circle) 6 (7) Other ___

HEAD COUNTS: Copy from Form B into block below

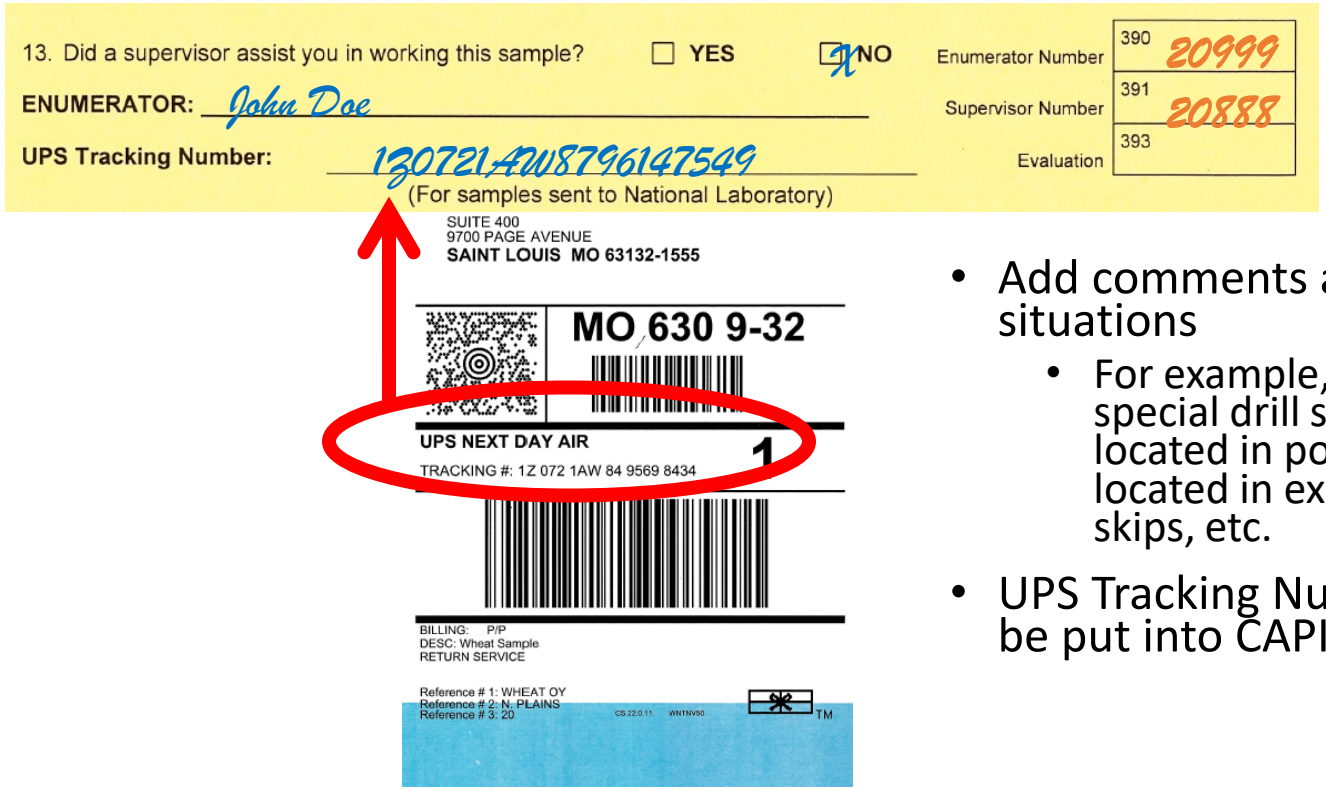
| Item | Row 1 | Row 2 | Row 3 |
|---|---|---|---|
| 8 | — | — | — |
| 9(a) | 56 | 55 | 53 |
| 9(b) | | | |

IF POST-HARVEST GLEANINGS: CHECK ☐

**SHIP SAMPLE TO**
**NATIONAL OPERATIONS DIVISION LAB**

# Questionnaire Breakdown

## 13. Coach assistance




- Add comments about unusual situations
  - For example, frost damage, special drill spacing, unit located in poor wheat, unit located in excellent wheat, drill skips, etc.
- UPS Tracking Number needs to be put into CAPI Form B too

# Field is Destroyed & Lost Samples

If only one unit destroyed

- Destroyed unit is null
- Good data for the other

If both units destroyed

- Status code 5 in CAPI
- No future visits required

Lost sample

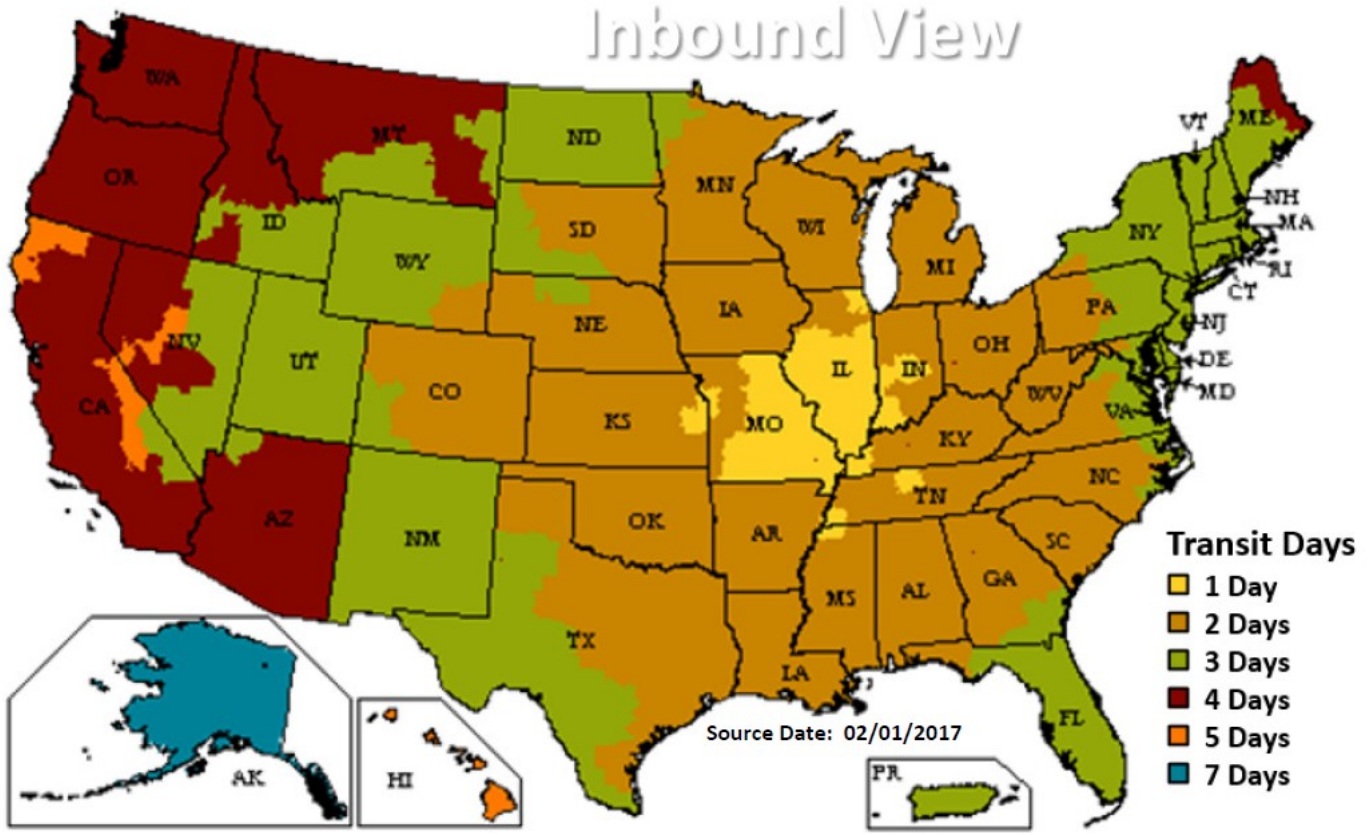
- Field for purposes other than grain
- Status code 6 in CAPI
- No future visits required

Leave comments in CAPI

# Ship Grain to St Louis

- The labels only have a blue banner printed on them
- Next day air delivery

UPS inbound Transit Days to NOD



# Friendly Reminders

- ✓ Never take iPad into the field
- ✓ Do not drive in the fields
- ✓ Take precautions not to lose heads after clipping
- ✓ Unit location code 3 is used when the sample unit was laid out **and** counted previously
- ✓ When in doubt about maturity stage, always go lower
- ✓ A wheat head is either late boot (#8) **or** emerged (#9), it cannot be counted as both
- ✓ Clip stalks ½ inch below the head
- ✓ Use same bags for both units and YELLOW tags when clipping the clip areas
- ✓ Use separate bags for each unit & PINK tags when clipping count area for final pre-harvest
- ✓ Sample ID tags should be placed on the outside of paper bags with one rubber band
- ✓ Use **Blue striped** UPS labels to ship to the National Lab in St. Louis, Missouri

# CAPI Form B

# Winter Wheat Yield Counts on the iPad

# CAPI: Form B

- Form B available for data entry in CAPI

- **Never take iPad into fields**
  - Complete Form B on paper in the field
  - Enter data into CAPI while at field to review work and save a trip in case of data errors

    **(OR)**
  - Enter data into CAPI when safely at home, organized and cooler

  - Submit in CAPI the same day data is entered.

# CAPI: Form B

- CAPI will be available from the 1st day of data collection through the second day of the month
- Enumerators should promptly enter data into CAPI Production
  - Exception would be Final Pre-Harvest sample outside of survey period
  - If outside of survey period, hold paper questionnaire and enter when next survey period starts

# CAPI: WOY Assignment Listing

**Survey Date**
**(will change each month)**

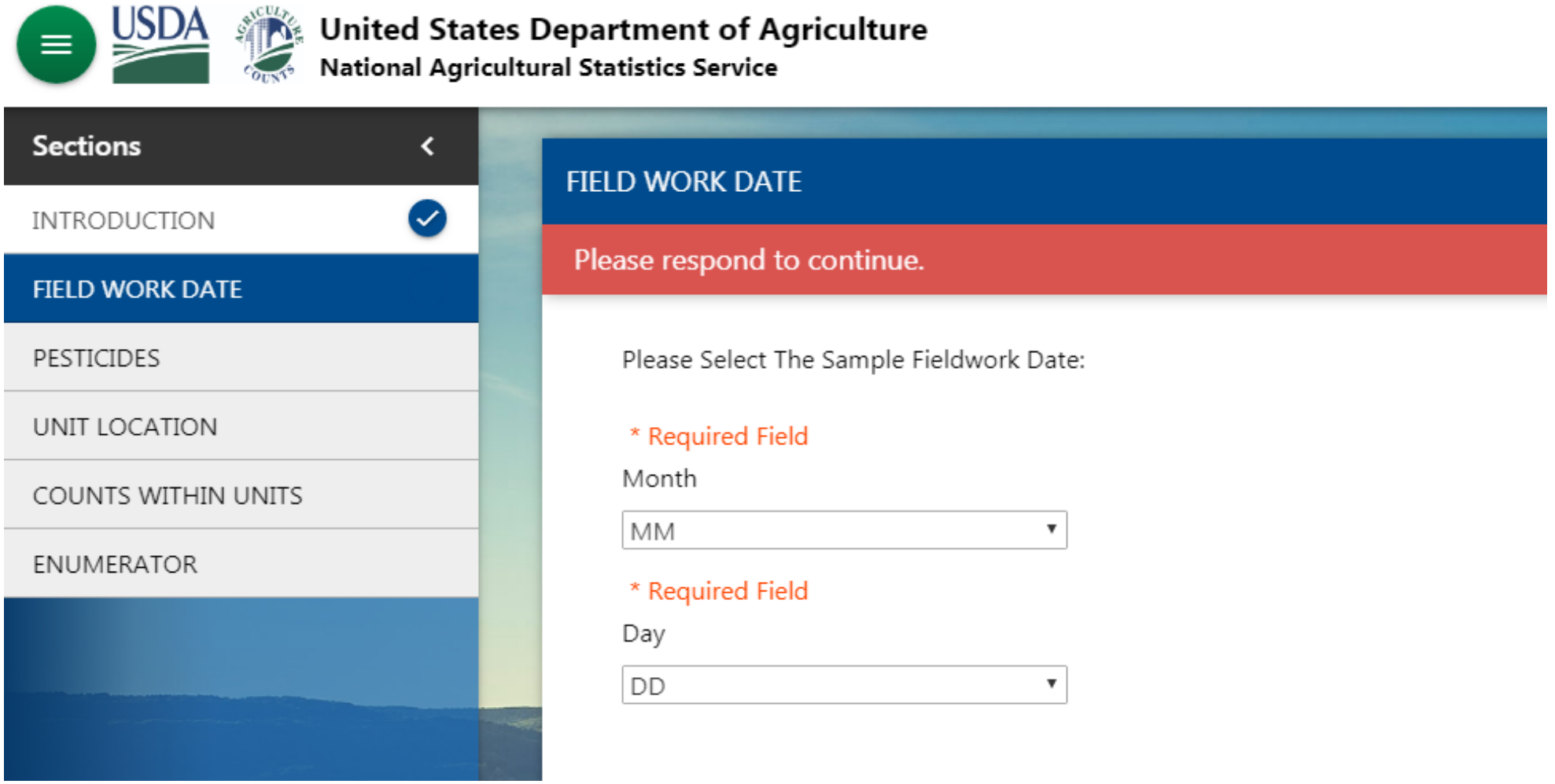
| | INF | CMT | COF | MAP | ST | CTY | POID | Tra | Sub | OP DOM | SEQ. NUM | DCMS | Name |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FORM B WHEAT YIELD COUNTS - WINTER WHEAT OY-JULY 2018-07-01 (101) | | | | | | | | | | | | | |
| ☐ | ℹ | 💬 | | 📍 | 48 | 117 | 887036200* | 1 | 1 | 0 | 10 | 420 | DOE FARMS INC JOHN DOE |
| ☐ | ℹ | 💬 | | 📍 | 48 | 117 | 887036200* | 1 | 2 | 0 | 11 | 420 | DOE FARMS INC JOHN DOE |
| ☐ | ℹ | 💬 | | 📍 | 48 | 117 | 887036200* | 1 | 3 | 0 | 12 | 420 | DOE FARMS INC JOHN DOE |
| ☐ | ℹ | 💬 | | 📍 | 48 | 117 | 887036200* | 1 | 4 | 0 | 13 | 420 | DOE FARMS INC JOHN DOE |
| ☐ | ℹ | 💬 | | 📍 | 48 | 117 | 887036200* | 1 | 5 | 0 | 14 | 420 | DOE FARMS INC JOHN DOE |
| ☐ | ℹ | 💬 | | 📍 | 48 | 117 | 887036200* | 1 | 6 | 0 | 15 | 420 | DOE FARMS INC JOHN DOE |
| ☐ | ℹ | 💬 | | 📍 | 48 | 117 | 887036200* | 1 | 7 | 0 | 16 | 420 | DOE FARMS INC |
| ☐ | ℹ | | | 📍 | 48 | 117 | 937023070* | 1 | 1 | 0 | 30 | 420 | DOE FARMS INC JOHN DOE |
| ☐ | ℹ | | | 📍 | 48 | 117 | 937023070* | 1 | 2 | 0 | 31 | 420 | DOE FARMS INC JOHN DOE |

**SEQ. NUM = Sample #**

# CAPI: Form B Edit

- WOY CAPI instrument prevents submission without required items being completed.
  - CAPI Edits
    - Missing field work date
    - Status code missing
    - Conditional edits built into the form to find errors
      - Unit location, row space measurement, maturity code, etc.

# CAPI: Field Work Date



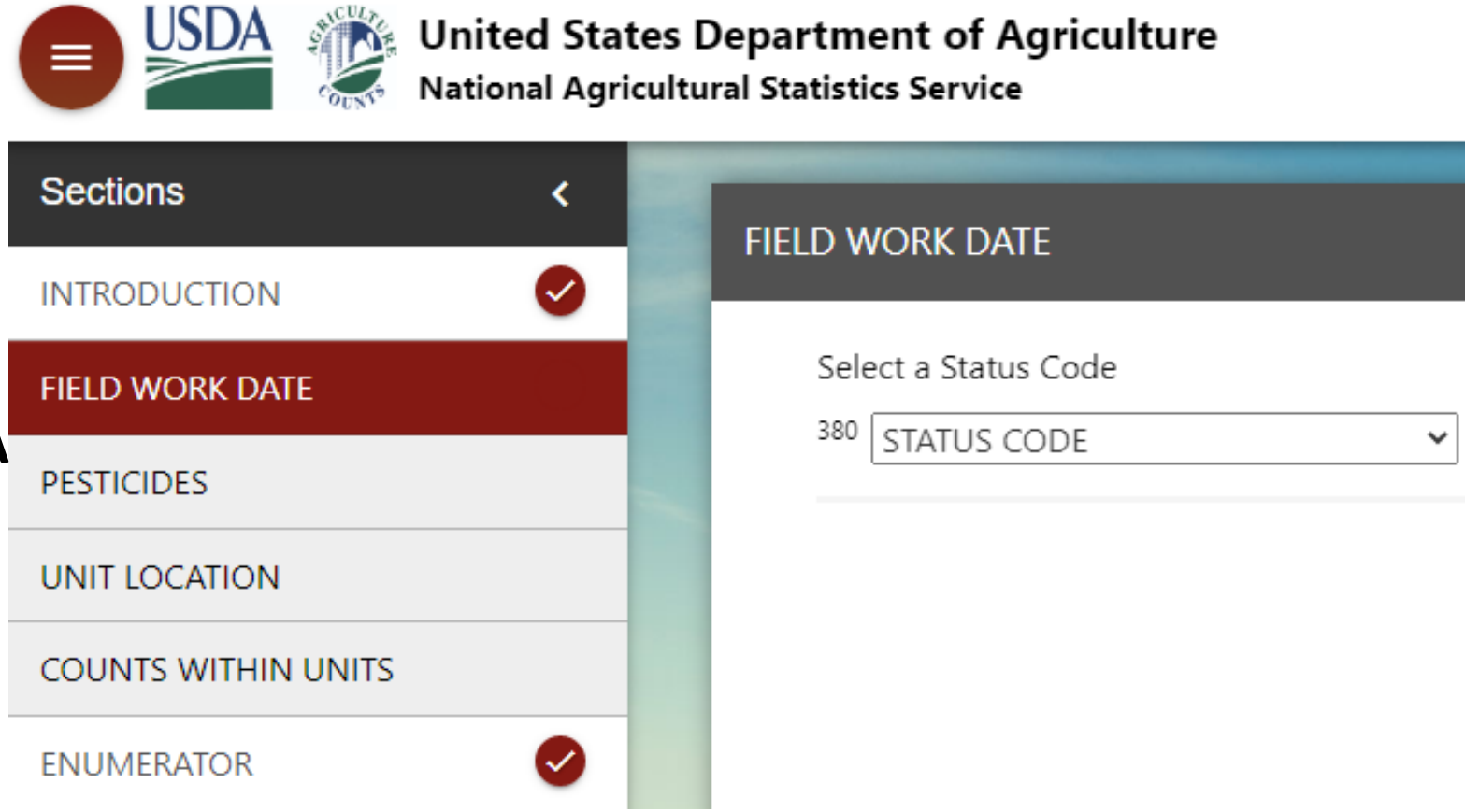
# CAPI: Status Code

**Status Code=1 Only for Maturity Codes 1-5**

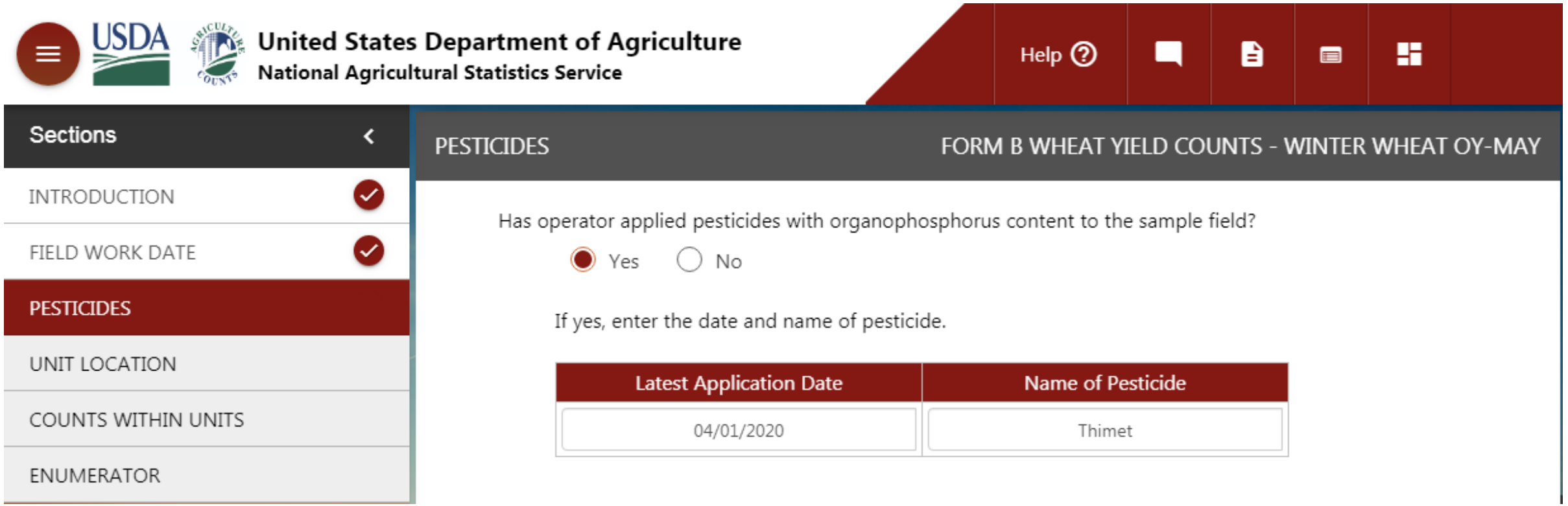
**Status Code=4 Only for Maturity Codes 6 &7, or blank**

**Status Code=7 Refusal from Form A**

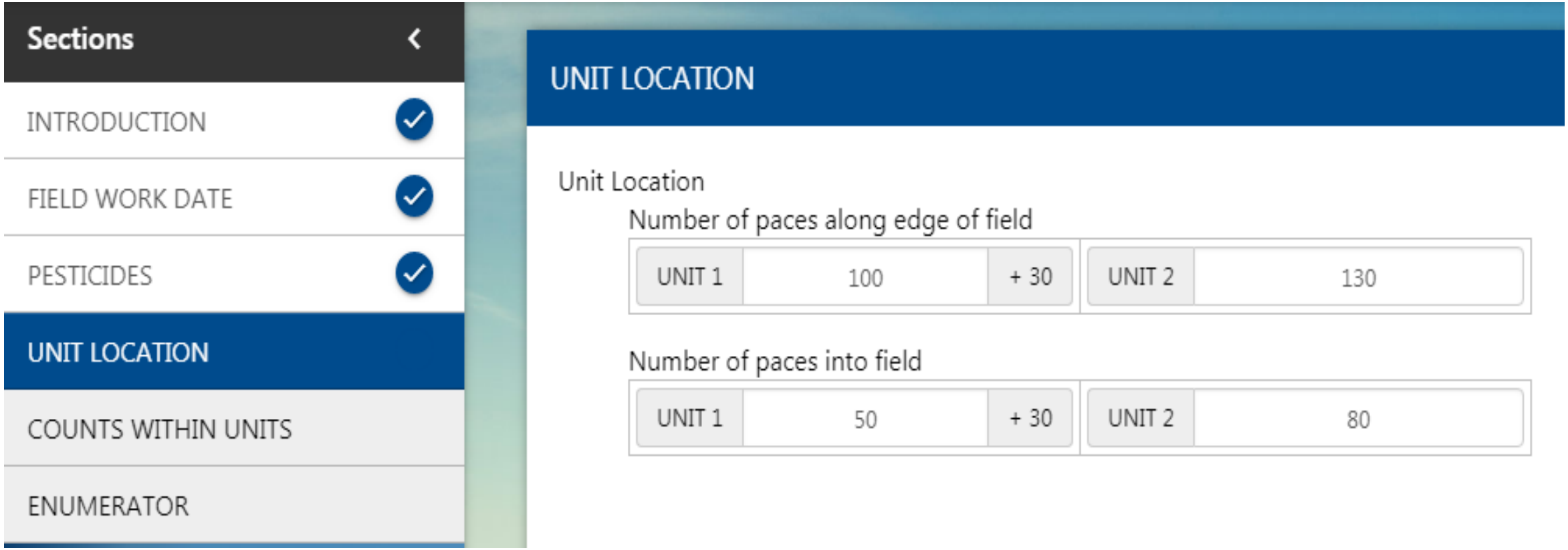
Status Code Definitions:
-WOY Reference Book
-IM Pages 704-707



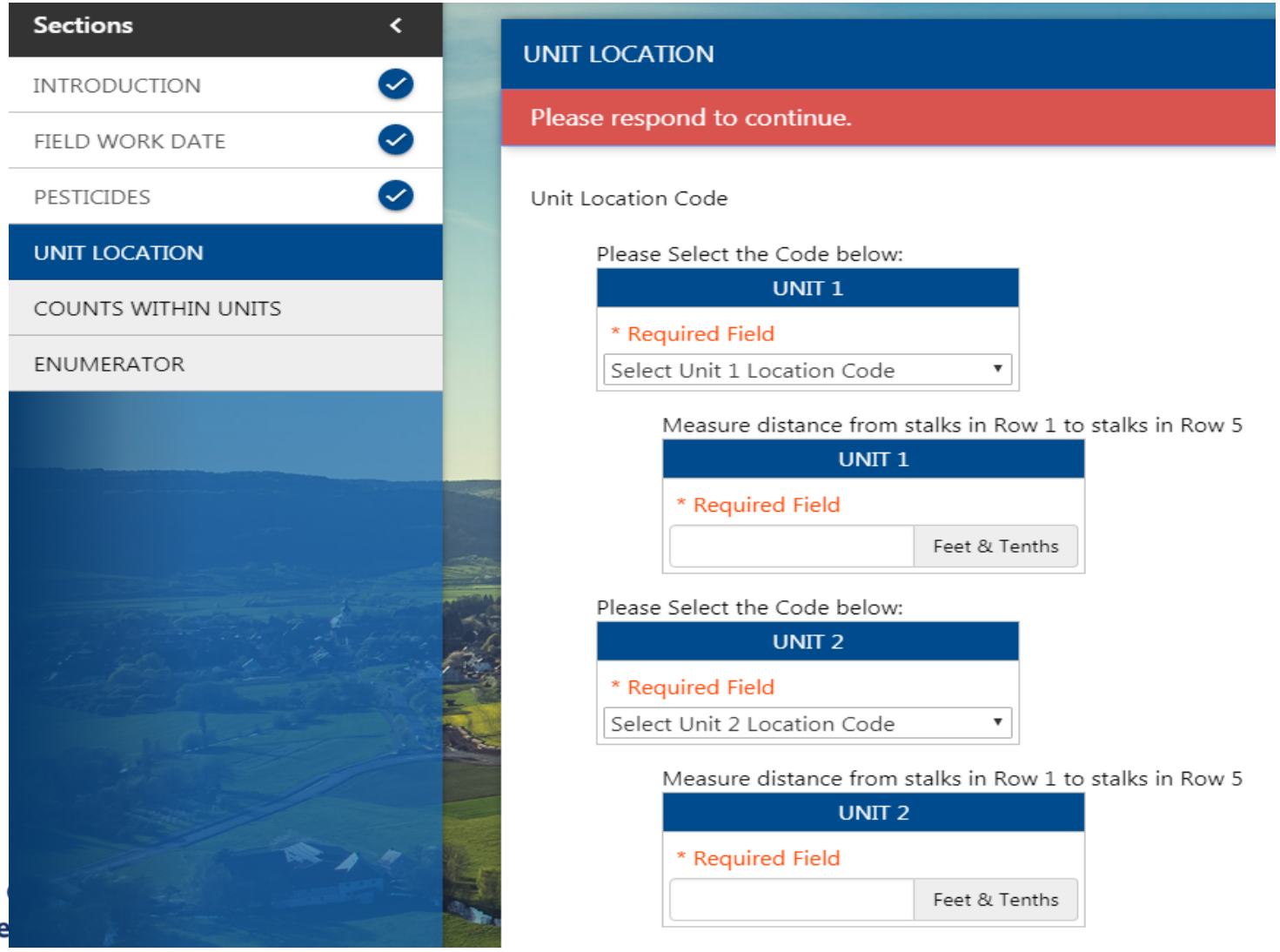
# CAPI: Pesticides



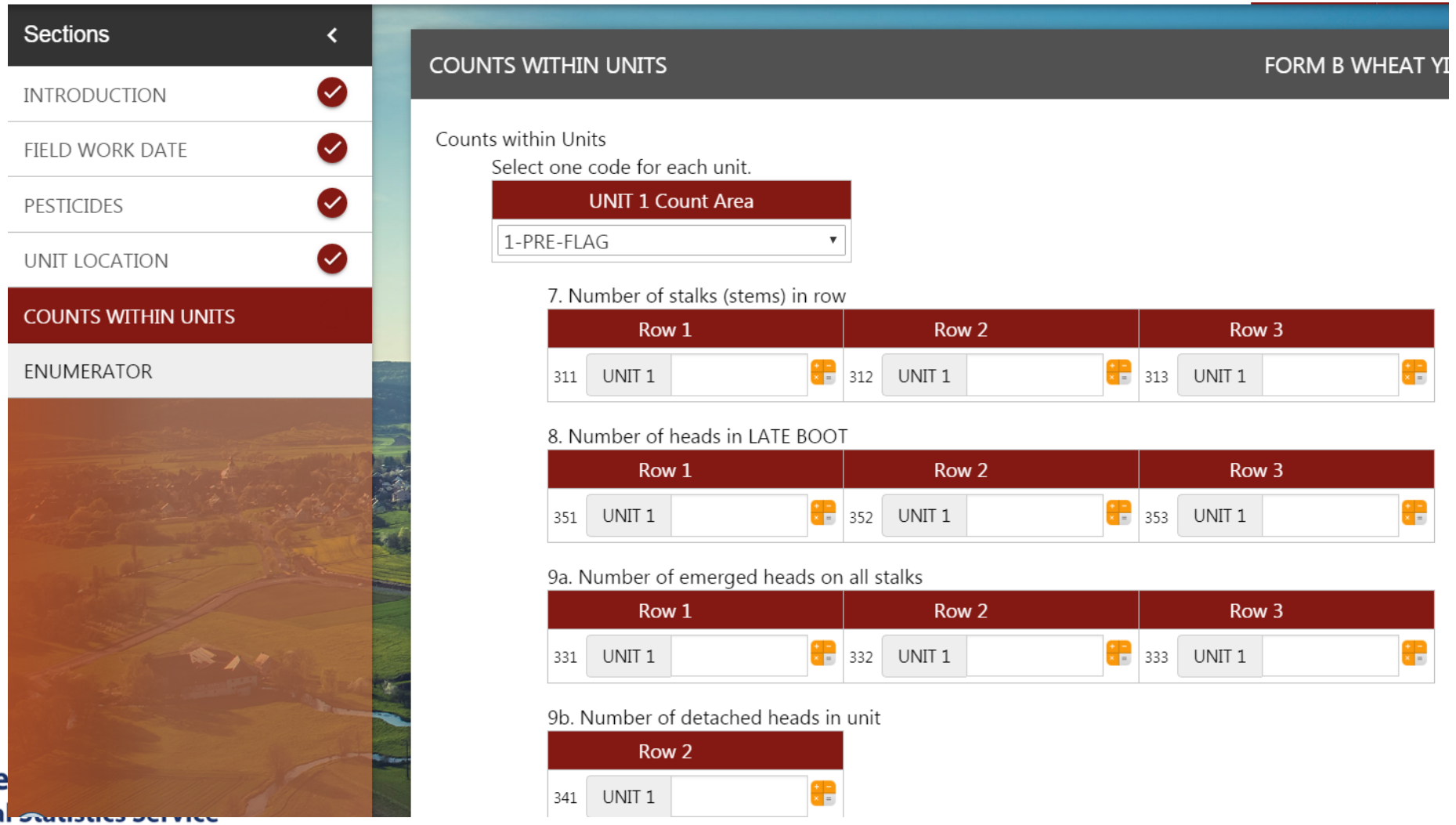
# CAPI: Unit Location



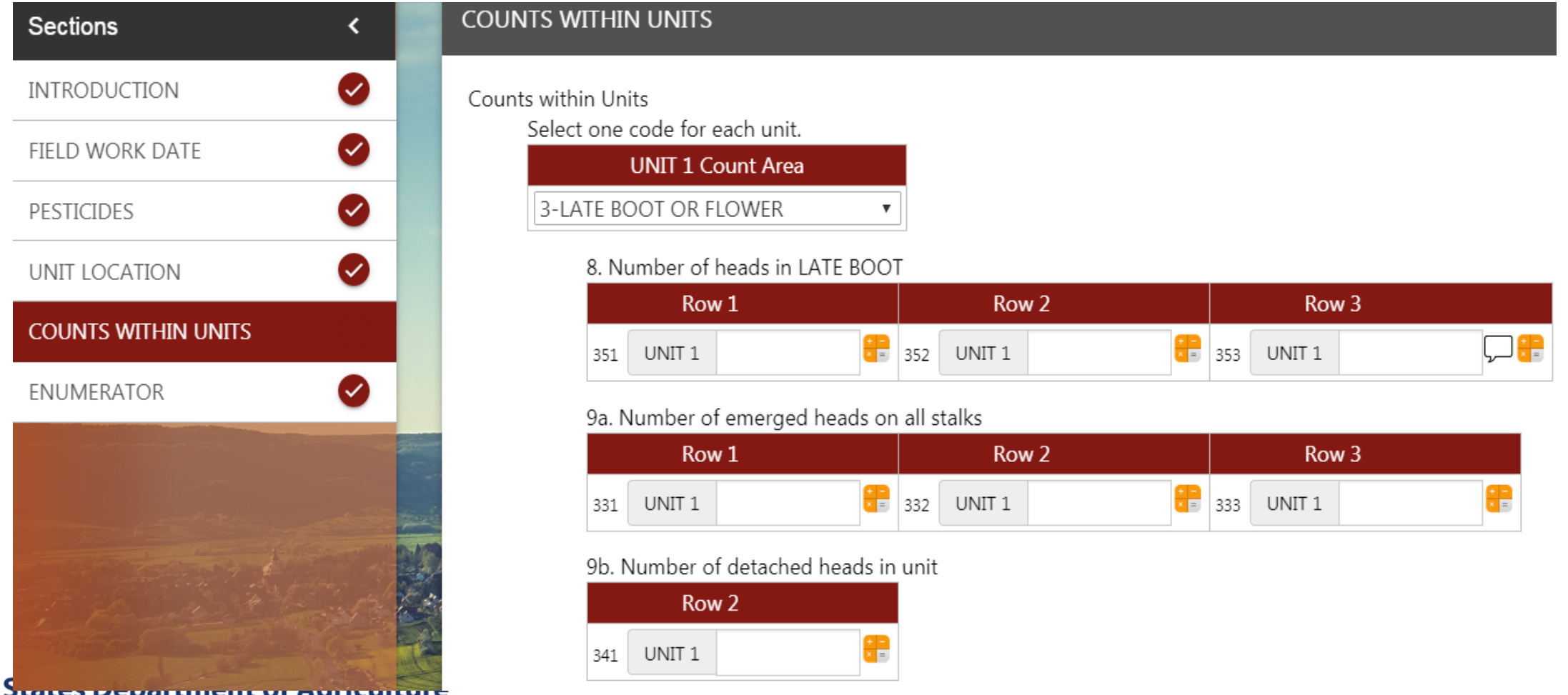
# CAPI: Row Space Measurement



# CAPI: Counts for Maturity 1-2

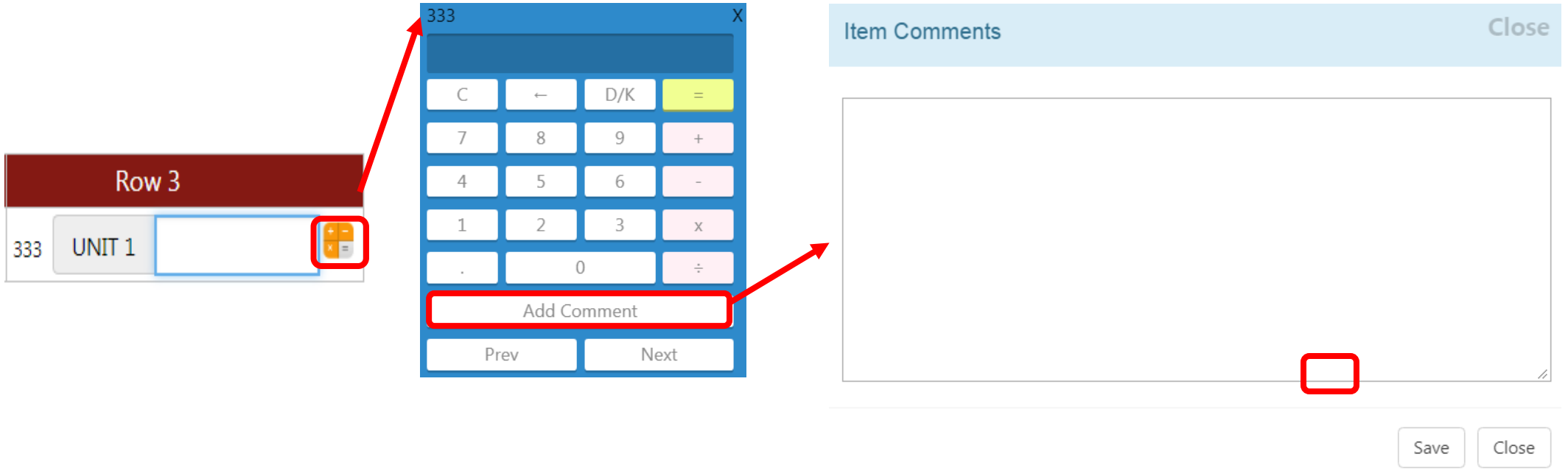


# CAPI: Counts for Maturity 3-7

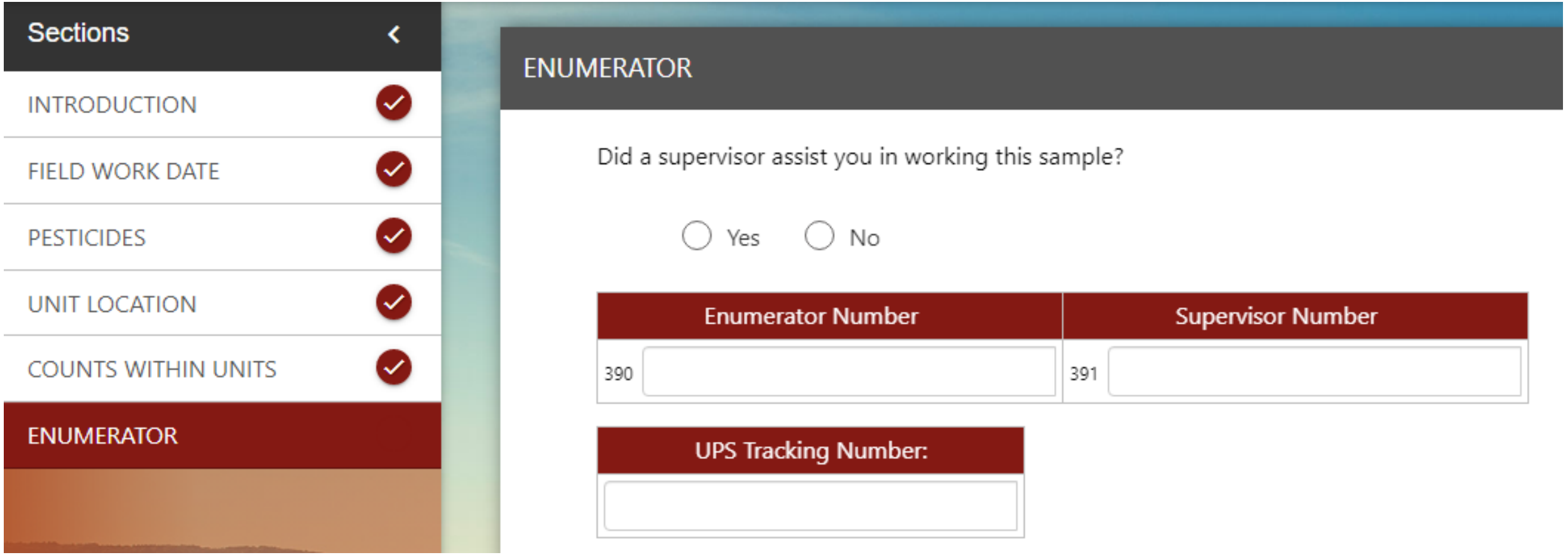


# CAPI: Item Level Comments

- Item Code Level Comments



# CAPI: Enumerator Information



# CAPI: UPS Tracking Number

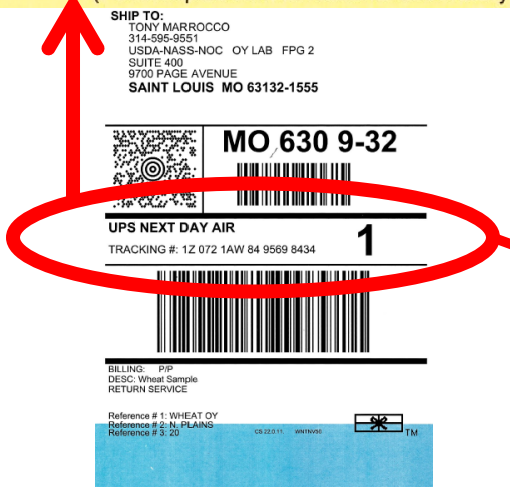
13. Did a supervisor assist you in working this sample? ☐ YES ☐ NO

ENUMERATOR: _____

UPS Tracking Number: 1Z0721AW8796147549

(For samples sent to National Laboratory)

| | |
|---|---|
| Enumerator Number | 390 |
| Supervisor Number | 391 |
| Evaluation | 393 |



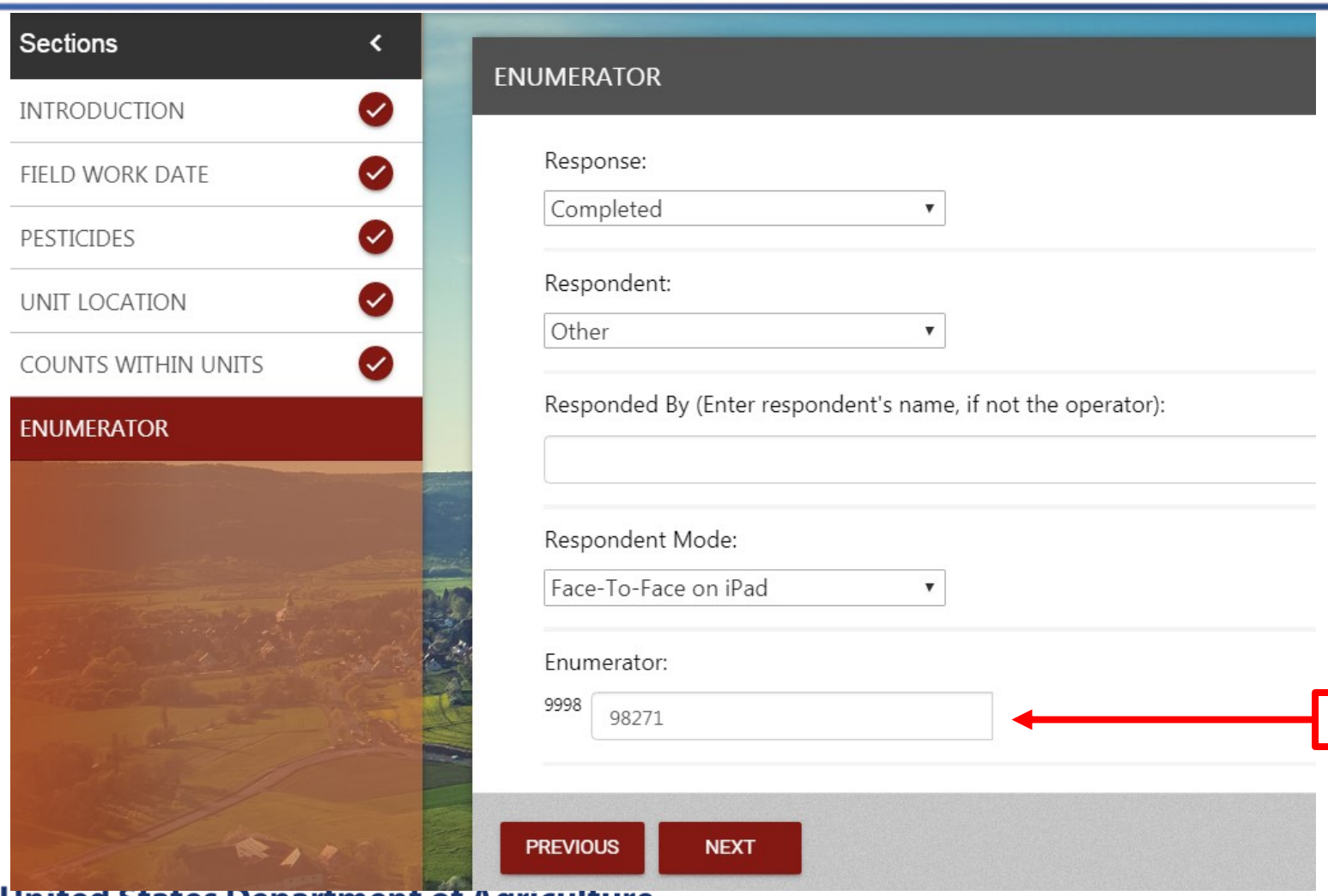

Did a supervisor assist you in working this sample?

◯ Yes ◯ No

| Enumerator Number | Supervisor Number |
|---|---|
| 390 | 391 |

| UPS Tracking Number: |
|---|
| |

# CAPI Response Coding




Required Coding:
Response: **Completed**
Respondent: **Other**
Mode: **Face-To-Face on iPad**

Enumerator ID is autocoded

# POLL: Form B

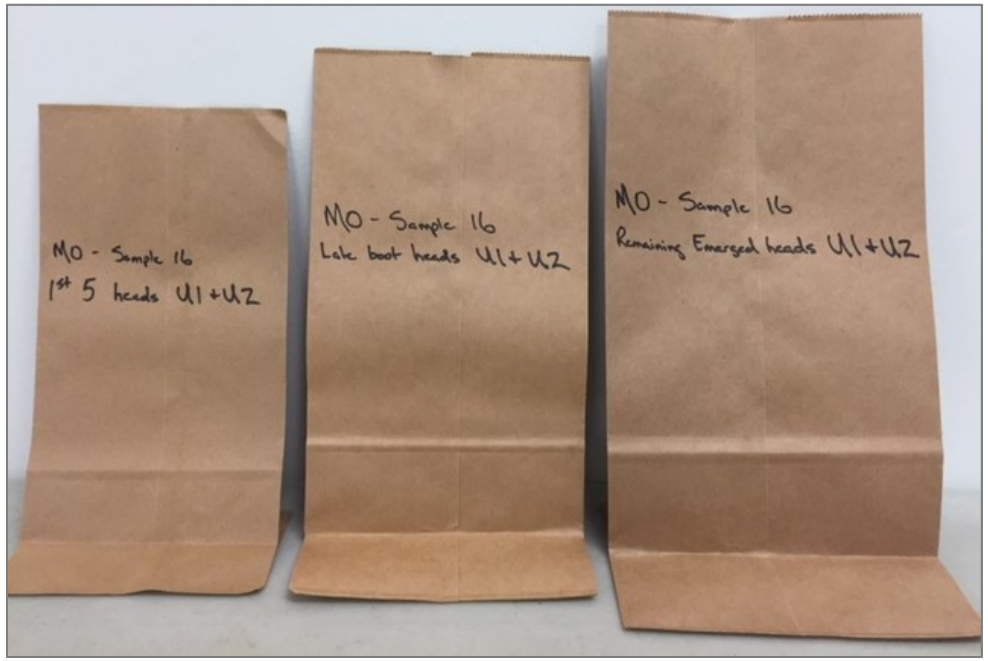
# Wheat Objective Yield
# Sample Packaging Standards for Lab
# Clippings, Final Pre-Harvest & Gleanings

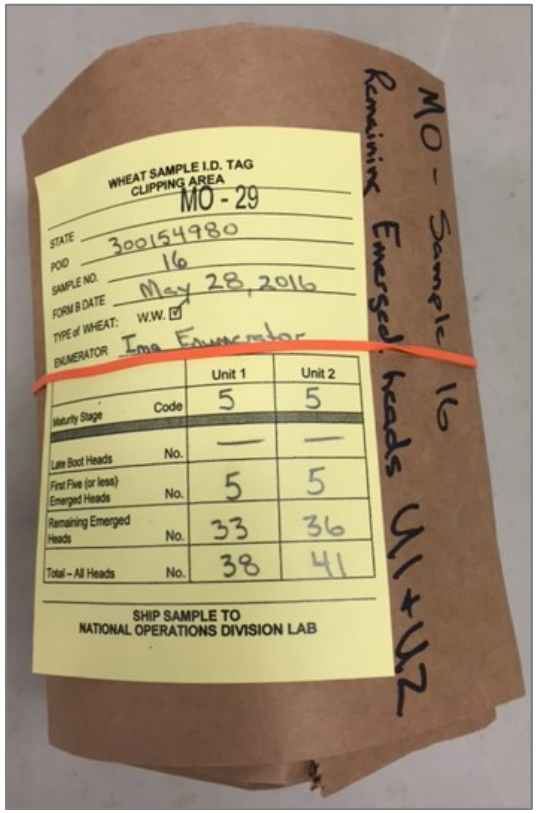
# Sample Packaging Standards – Clippings

- Clip Area Samples – Maturity Codes 3, 4, and 5
  - Late Boot, Milk and Soft Dough stages
  - **STEMS MUST BE CUT TO ½ INCH**
  - The clip samples from both units should be combined within one set of paper bags
    - Small Bag – First 5 heads from both units
    - Medium Bag – Late boot heads from both units
    - Large Bag – Remaining emerged heads from both units
  - Crop ID Tag (YELLOW)
    - Ensure all information is **CORRECTLY** filled out on ID Tag
      - STATE, POID, SAMPLE NUMBER, DATE, MATURITY CODE, HEAD COUNTS
    - Attach to **OUTSIDE** of bag, using one rubber band (**NO STAPLES**)

# Sample Packaging Standards – Clippings

- Clip Area Samples – Maturity Codes 3, 4, and 5



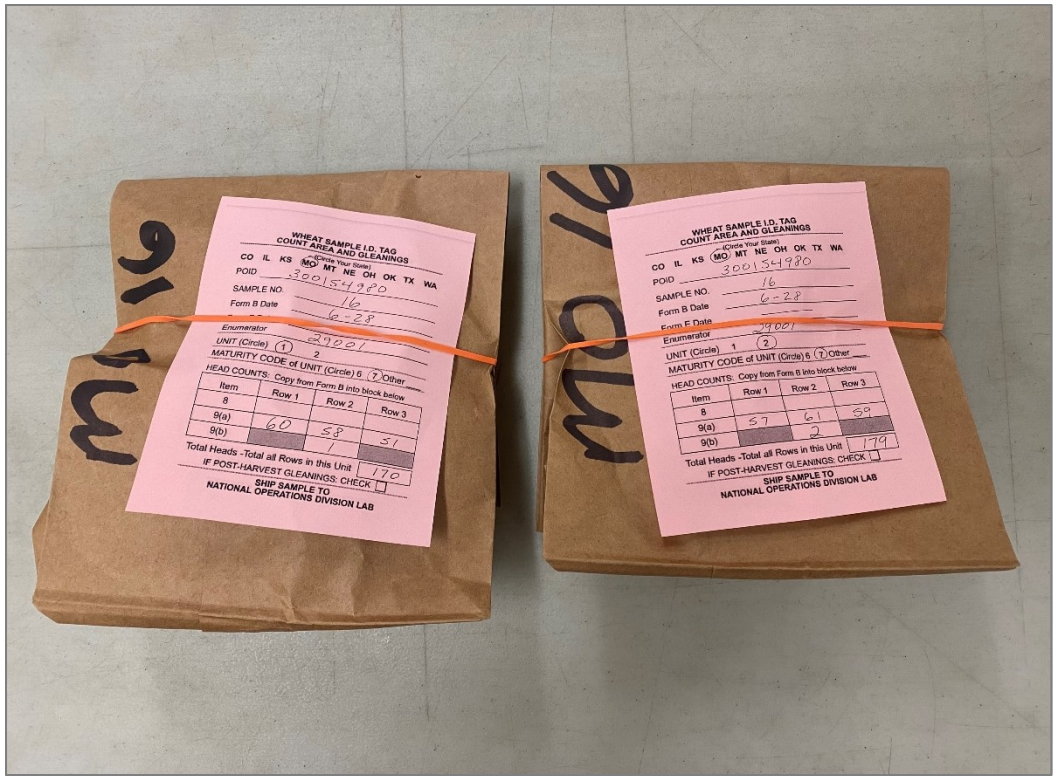



# Sample Packaging Standards – Final Pre-Harvest

- Count Area Samples – Maturity Codes 6 and 7
  - Hard Dough and Ripe stages
  - **STEMS MUST BE CUT TO ½ INCH**
  - Heads bagged **SEPARATELY** for Units 1 and 2
    - **PLEASE COUNT WHEAT HEADS ACCURATELY**
  - Crop ID Tags (PINK – ONE ID TAG PER UNIT)
    - Ensure all information is **CORRECTLY** filled out on each ID Tag
      - STATE, POID, SAMPLE NUMBER, DATE, MATURITY CODE, UNIT, HEAD COUNTS
      - Total the Heads for each unit.
    - Attach to **OUTSIDE** of each bag, using one rubber band per bag (**NO STAPLES**)
    - When only one unit is harvested, include the second ID Tag explaining the status of the missing unit

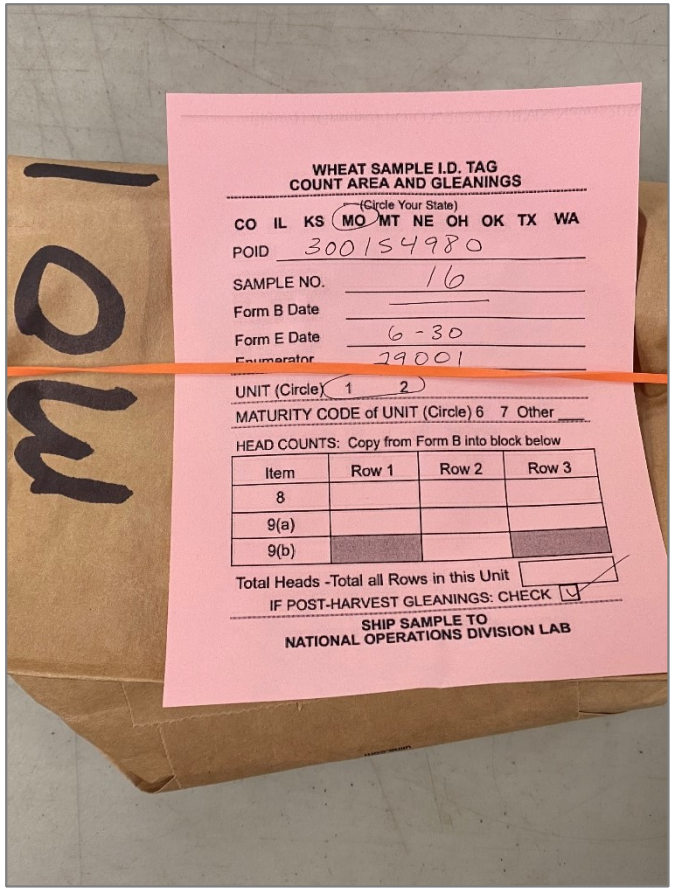
# Sample Packaging Standards – Final Pre-Harvest

- Count Area Samples – Maturity Codes 6 and 7

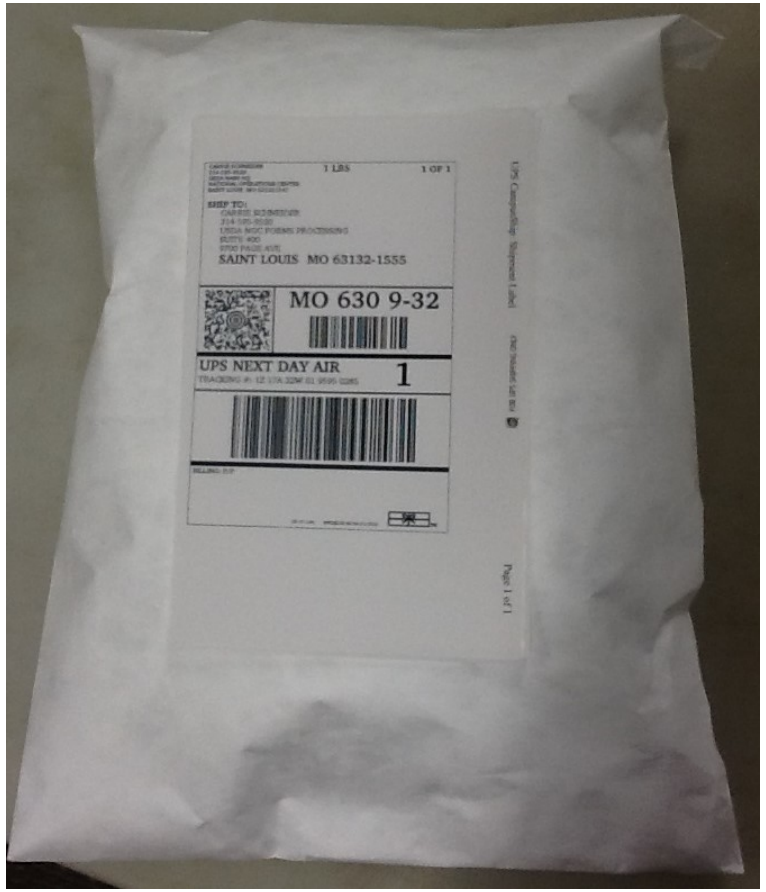


# Sample Packaging Standards - Gleanings

- Gleaning Samples
  - Remove as much debris as possible
    - Do not send dirt, mud, sticks, rocks, etc.
  - Check Gleanings box on ID Tag
  - Place ID Tag on the **OUTSIDE** of the paper bag, using one rubber band
  - Ship E Form in Tyvek with sample
    - **DO NOT SHIP THE E FORM SEPARATELY**



# White Tyvek Envelopes for Shipping




- **NO tape**
- **NO staples**
- **NO wrapping of any sort**
- **One sample per Tyvek**

# Common Problems at the Lab

- Not properly filling out the ID Tag
  - Missing Maturity Codes
  - Missing Form B Date
  - Missing Sample Numbers
- Stems not clipped to ½ inch
- ID Tags placed inside bags

# UPS Shipping

- All samples will be shipped to the NOD for processing
- Ship lab samples promptly upon completion of field work
- **SHIP EARLY AND OFTEN!  DO NOT HOLD SAMPLES!**

# POLL: Packaging Standards

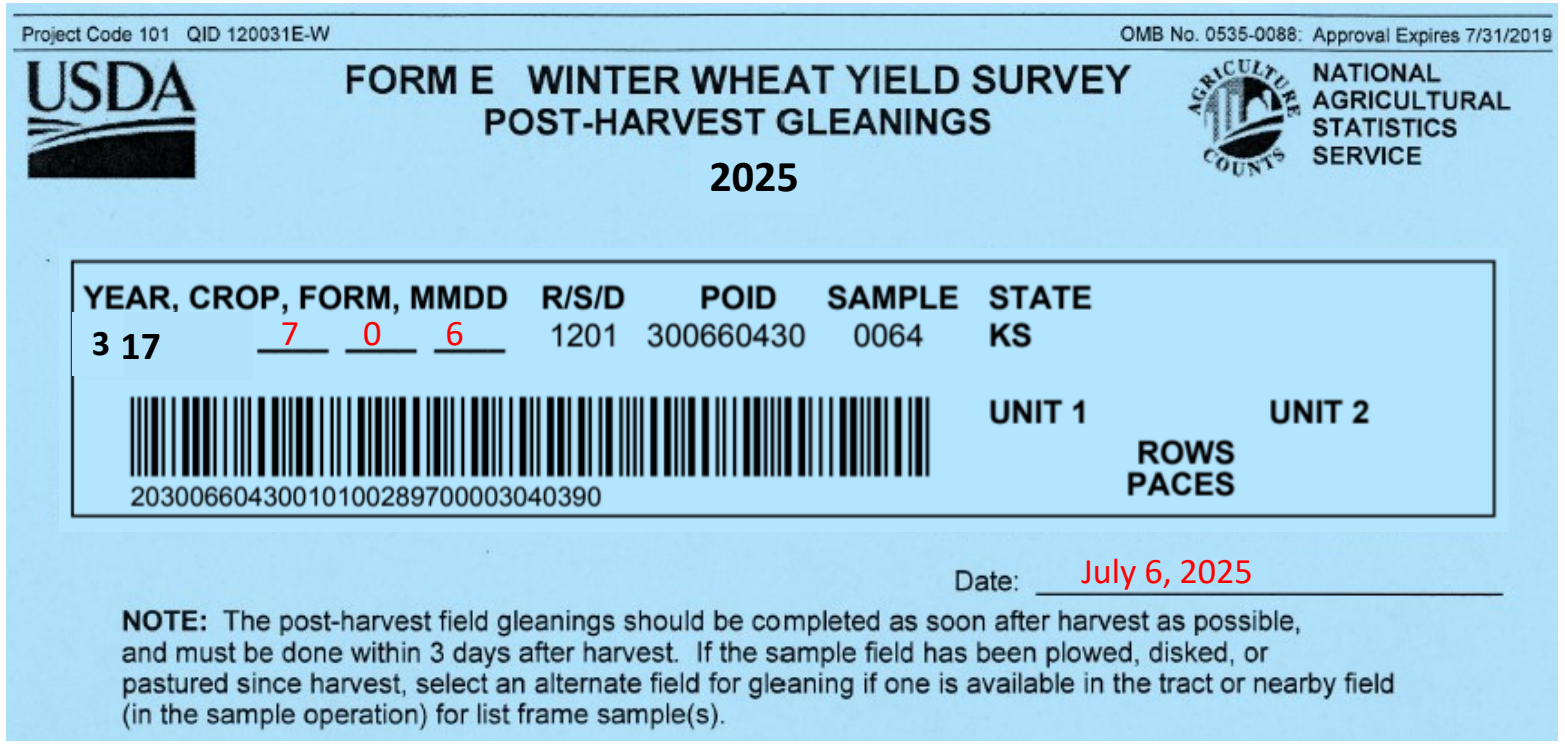
# FORM E: Winter Wheat Yield Survey
# Post-Harvesting Gleanings

# Post Harvest Gleaning Samples

**Purpose is to collect harvest loss information**

- Harvest loss from weather, wind, birds, combine, etc.
- Done within **three** days of harvest, preferably the same day of harvest
- Collected for samples that their sample numbers are divisible by 4
  - (4, 8, 12, 16, 20, 24, 28, 32, ……)

# Form E: Post Harvest Gleaning Form



Project Code 101 QID 120031E-W

OMB No. 0535-0088: Approval Expires 7/31/2019

USDA

**FORM E WINTER WHEAT YIELD SURVEY**
**POST-HARVEST GLEANINGS**
**2025**

NATIONAL AGRICULTURAL STATISTICS SERVICE

| YEAR, CROP, FORM, MMDD | R/S/D | POID | SAMPLE | STATE |
|---|---|---|---|---|
| 3 17 7 0 6 | 1201 | 300660430 | 0064 | KS |

2030066043001010028970000304039O

UNIT 1 UNIT 2

ROWS
PACES

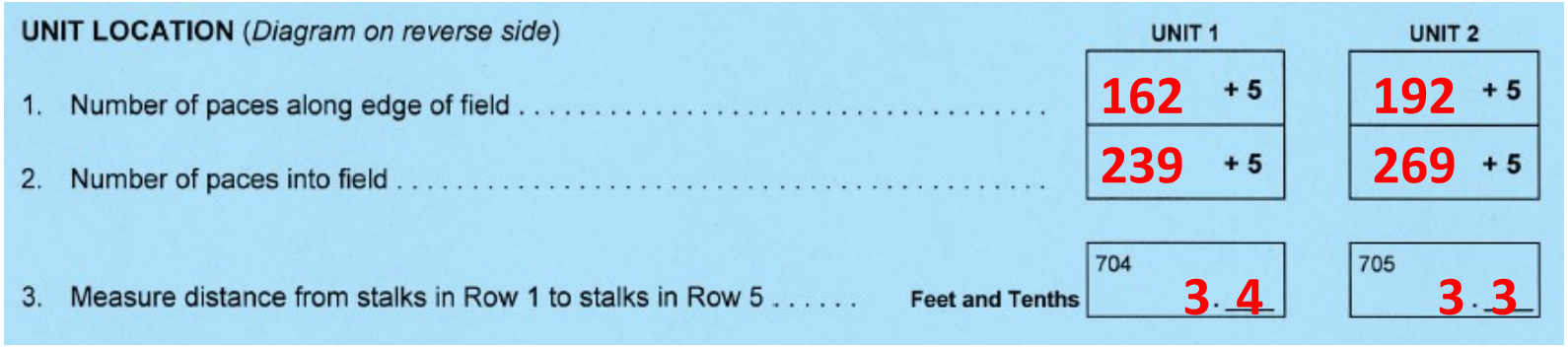
Date: July 6, 2025

**NOTE:** The post-harvest field gleanings should be completed as soon after harvest as possible, and must be done within 3 days after harvest. If the sample field has been plowed, disked, or pastured since harvest, select an alternate field for gleaning if one is available in the tract or nearby field (in the sample operation) for list frame sample(s).

# Form E: Laying out the Gleaning Unit

- Basically it is the same as the laying out the count area, only add 5 more steps
- You will have a 5 foot buffer zone to the **right** of your yardstick
- At the beginning of the buffer zone measure the distance from the center of row 1 to the center of row 5

# Form E: Paces

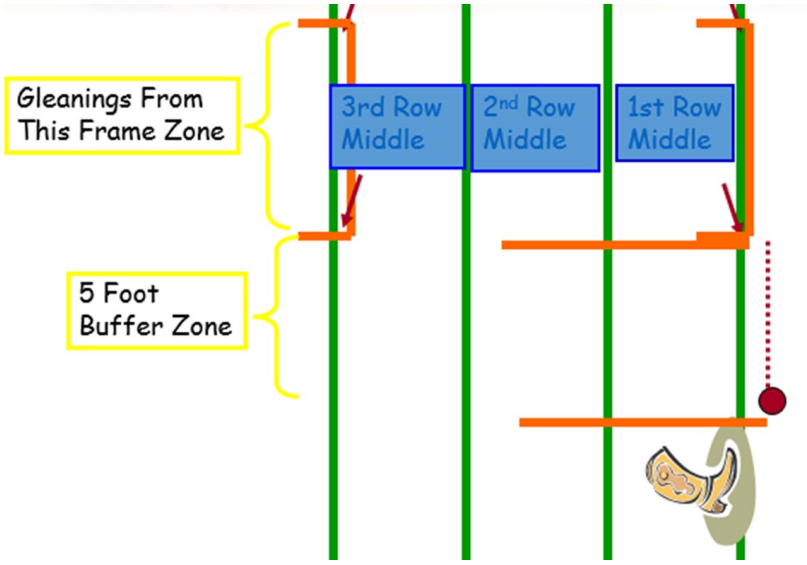


| UNIT LOCATION (*Diagram on reverse side*) | | UNIT 1 | UNIT 2 |
|---|---|---|---|
| 1. Number of paces along edge of field | | 162 + 5 | 192 + 5 |
| 2. Number of paces into field | | 239 + 5 | 269 + 5 |
| 3. Measure distance from stalks in Row 1 to stalks in Row 5 | Feet and Tenths | 704 3.4 | 705 3.3 |

- Add 5 paces to original paces along edge and into the field for both units
- Record all distances in feet and tenths of feet

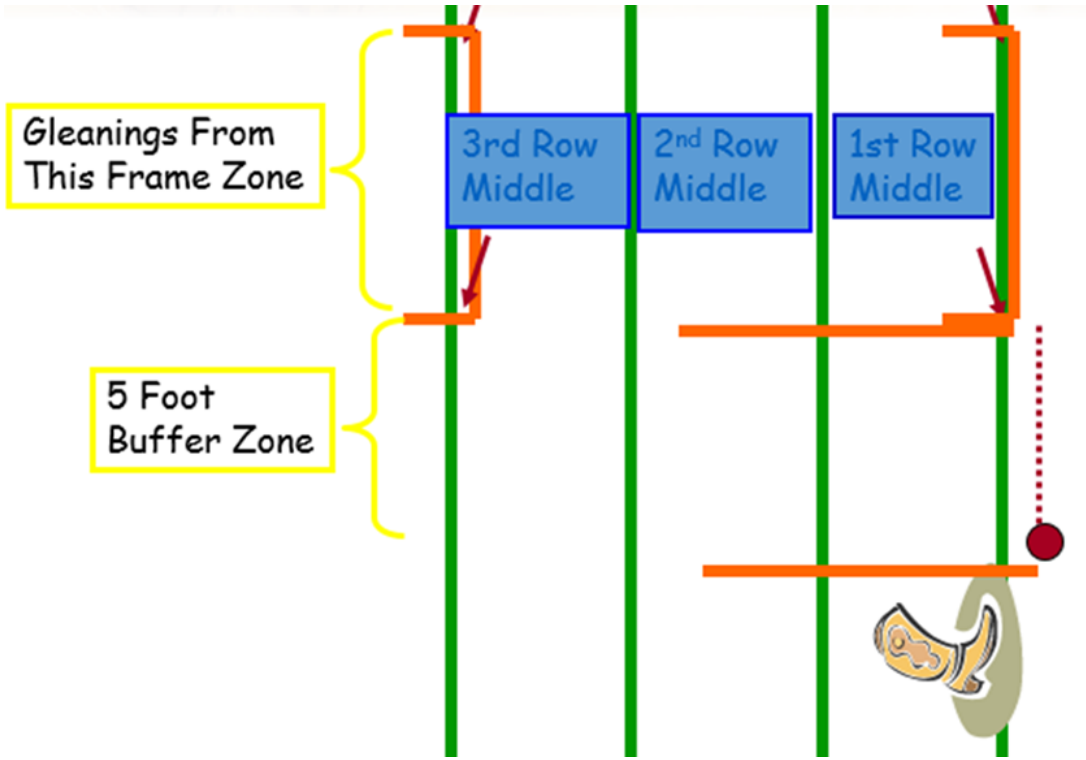
# Laying out the Gleaning Unit

- Measure the 5 foot buffer zone and insert a red stake in the stubble of row 1
- Reposition the yardstick to cross four drill rows
- Insert the frame so the back of the frame is parallel to the row and the inside corner of the left tine touching the stake
- Insert a stake touching the corner of the right tine



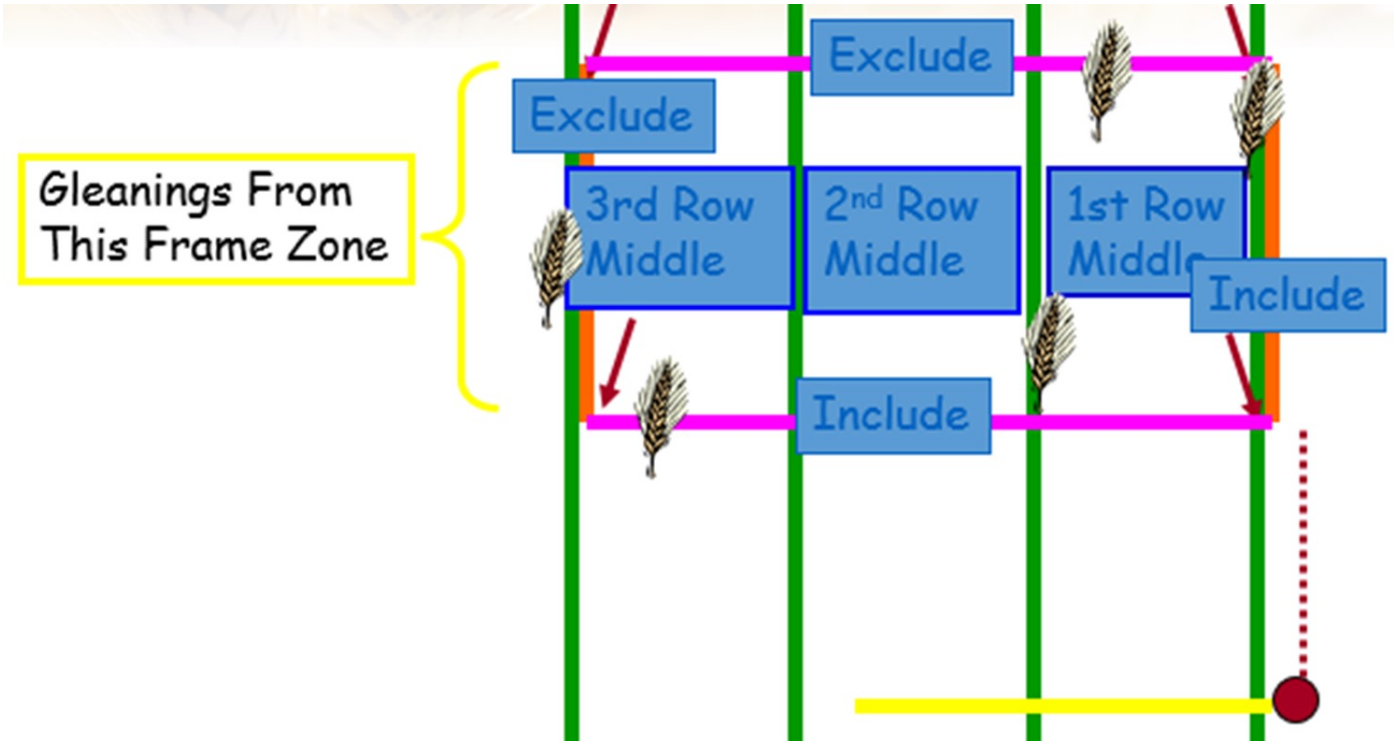
# Laying out the Gleaning Unit

- In row 4, insert the frame so that the **stubble of row 4 is excluded**
- Place two red stakes touching the corners of the left and right tines
- Connect all four stakes with ribbon so three drill rows and three middles will be included and row 4 stubble will be excluded.



# Pick up Loose Grain & Heads

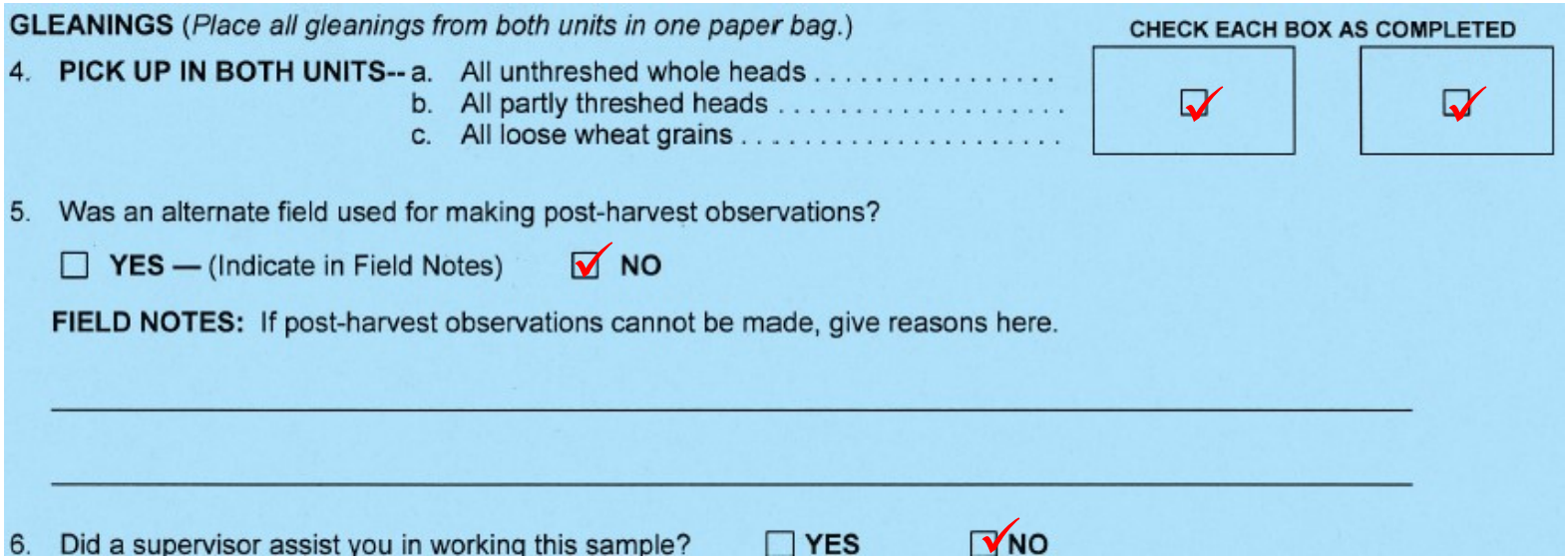
- Pick up attached stalks, detached stalks, heads, and loose grains within the boundaries
- **INCLUDE** the items above that are on the **two starting corner boundaries**
- **EXCLUDE** everything that are on the two remaining boundaries



# Preferred Packaging – Gleaning Sample

- Remove as much debris as possible
- **One bag for both units**
- Check Gleanings box on Pink ID Card
- Include Form E in the Tyvek Envelope

# Form E: Completed



**GLEANINGS** (*Place all gleanings from both units in one paper bag.*)

CHECK EACH BOX AS COMPLETED

4. **PICK UP IN BOTH UNITS--** a. All unthreshed whole heads . . . . . ☑
   b. All partly threshed heads . . . . . ☑
   c. All loose wheat grains . . . . . 

5. Was an alternate field used for making post-harvest observations?

☐ **YES** — (Indicate in Field Notes) ☑ **NO**

**FIELD NOTES:** If post-harvest observations cannot be made, give reasons here.

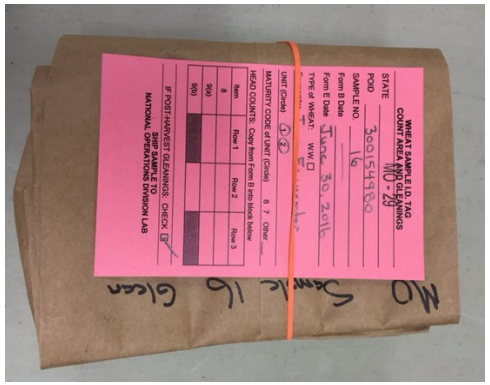
6. Did a supervisor assist you in working this sample? ☐ **YES** ☑ **NO**

80 grains = 1 bu of loss

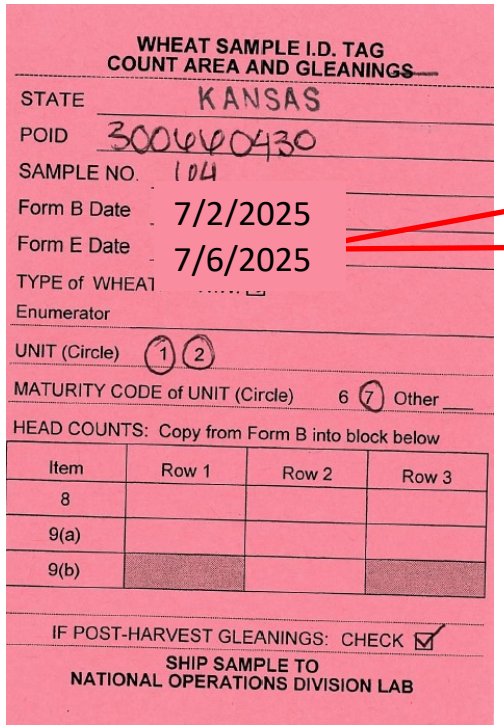
# Both Units = One Paper Bag

- Put all gleaning for both units in the same paper bag (go easy on the taping)

- Complete the pink ID tag and attach to paper bag with a rubber band



# Need Matching Dates



WHEAT SAMPLE I.D. TAG
COUNT AREA AND GLEANINGS

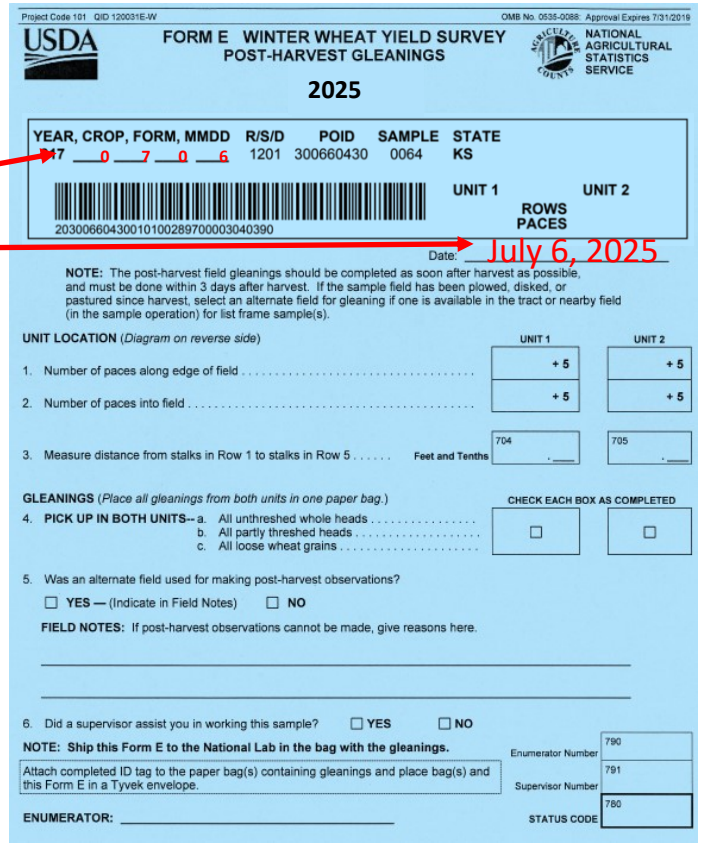
STATE KANSAS
POID 300660430
SAMPLE NO. 104
Form B Date 7/2/2025
Form E Date 7/6/2025
TYPE of WHEAT
Enumerator
UNIT (Circle) (1) (2)
MATURITY CODE of UNIT (Circle) 6 (7) Other

HEAD COUNTS: Copy from Form B into block below

| Item | Row 1 | Row 2 | Row 3 |
|---|---|---|---|
| 8 | | | |
| 9(a) | | | |
| 9(b) | | | |

IF POST-HARVEST GLEANINGS: CHECK ☑

SHIP SAMPLE TO
NATIONAL OPERATIONS DIVISION LAB



Project Code 101 QID 120031E-W OMB No. 0535-0088: Approval Expires 7/31/2019

USDA FORM E WINTER WHEAT YIELD SURVEY
POST-HARVEST GLEANINGS
2025
NATIONAL AGRICULTURAL STATISTICS SERVICE

| YEAR | CROP | FORM | MMDD | R/S/D | POID | SAMPLE | STATE |
|---|---|---|---|---|---|---|---|
| 17 | 0 | 7 | 0 6 | 1201 | 300660430 | 0064 | KS |

UNIT 1 UNIT 2
ROWS
PACES

20300660430010100289700003040390

Date: July 6, 2025

**NOTE:** The post-harvest field gleanings should be completed as soon after harvest as possible, and must be done within 3 days after harvest. If the sample field has been plowed, disked, or pastured since harvest, select an alternate field for gleaning if one is available in the tract or nearby field (in the sample operation) for list frame sample(s).

**UNIT LOCATION** (*Diagram on reverse side*)

| | UNIT 1 | UNIT 2 |
|---|---|---|
| 1. Number of paces along edge of field | + 5 | + 5 |
| 2. Number of paces into field | + 5 | + 5 |
| 3. Measure distance from stalks in Row 1 to stalks in Row 5 — Feet and Tenths | 704 . | 705 . |

**GLEANINGS** (*Place all gleanings from both units in one paper bag.*)

| | CHECK EACH BOX AS COMPLETED | |
|---|---|---|
| 4. **PICK UP IN BOTH UNITS**-- a. All unthreshed whole heads | ☐ | ☐ |
| b. All partly threshed heads | | |
| c. All loose wheat grains | | |

5. Was an alternate field used for making post-harvest observations?
☐ **YES** — (Indicate in Field Notes) ☐ **NO**

**FIELD NOTES:** If post-harvest observations cannot be made, give reasons here.

6. Did a supervisor assist you in working this sample? ☐ **YES** ☐ **NO**

**NOTE: Ship this Form E to the National Lab in the bag with the gleanings.**

Attach completed ID tag to the paper bag(s) containing gleanings and place bag(s) and this Form E in a Tyvek envelope.

Enumerator Number 790
Supervisor Number 791
STATUS CODE 780

**ENUMERATOR:** _____

# Form E: Completed

NOTE: **Ship this Form E to the National Lab in the bag with the gleanings.**

Attach completed ID tag to the paper bag(s) containing gleanings and place bag(s) and this Form E in a Tyvek envelope.

ENUMERATOR: John Doe

| | | |
|---|---|---|
| Enumerator Number | 790 | 31999 |
| Supervisor Number | 791 | 31888 |
| STATUS CODE | 780 | 1 |

- Ships to Saint Louis, Missouri the location of National Lab
- The Form E also gets shipped to Saint Louis, not Lincoln

# UPS Procedures

- Use a BLUE STRIPE UPS label to ship to the National Lab
- Place E form and paper bag in a Tyvek envelope
- Attach a BLUE STRIPE UPS label and record the tracking number on the backup recording sheet
- UPS shipping via home pickup or official drop off location
  - Home Pickup Phone Number (800) 742-5877
  - Home Pickup requires planning ahead for the next day, not same day pick up

# Due Dates and Shipping Review

# Due Dates

## KANSAS

| Survey Date | Field Work Begins | Forms to be Completed | Field Work Ends | Last Day to Enter Form B in CAPI |
|---|---|---|---|---|
| May 1 | April 24 | All A forms**<br>Even B forms | May 1 | May 2 |
| June 1 | May 25 | Remaining A forms<br>All B forms | June 1 | June 2 |
| July 1 | June 24 | All B forms | July 1 | July 2 |

**Even A forms are required, but all A's can be completed
Form E must be submitted to the National Lab within 3 days of harvest.

## NEBRASKA

| Survey Date | Field Work Begins | Forms to be Completed | Field Work Ends | Last Day to Enter Form B in CAPI |
|---|---|---|---|---|
| June 1 | May 25 | All A & B forms | June 1 | June 2 |
| July 1 | June 24 | Remaining A forms<br>All B forms | July 1 | July 2 |
| August 1 | July 25 | All remaining forms | August 1 | August 2 |

Form E must be submitted to the National Lab within 3 days of harvest.

# Due Dates

- Due dates must be followed
  - Coaches will be contacted for missing forms
  - Inform Coaches and Lincoln office for special situations
- Always send samples as soon as possible – Do Not Hold
  - Samples & E Forms to St. Louis, MO (UPS Blue Stripped)
    - St. Louis Blues hockey team

# Due Dates - continue

- Final Pre-harvest Sample
  - Complete during the regular survey period if maturity code 6 or 7
  - Farmer going to harvest between survey periods?
    - Complete pre-harvest sample no more than 3 days before harvest date
    - Hold Form B until CAPI, for the next month, opens and enter into CAPI
    - Ship sample to St. Louis immediately
- Gleaning
  - Complete within 3 days after farmer harvest
  - E Forms are sent to the Lab with the sample (UPS blue bannered)
  - Follow the packaging instructions

# Form A & B

- Form As:
  - Enter into CAPI
- Form Bs:
  - Enter into CAPI
- Form B's outside of monthly data collection timeframe:
  - Hold until CAPI opens next month and enter into CAPI

# Shipping

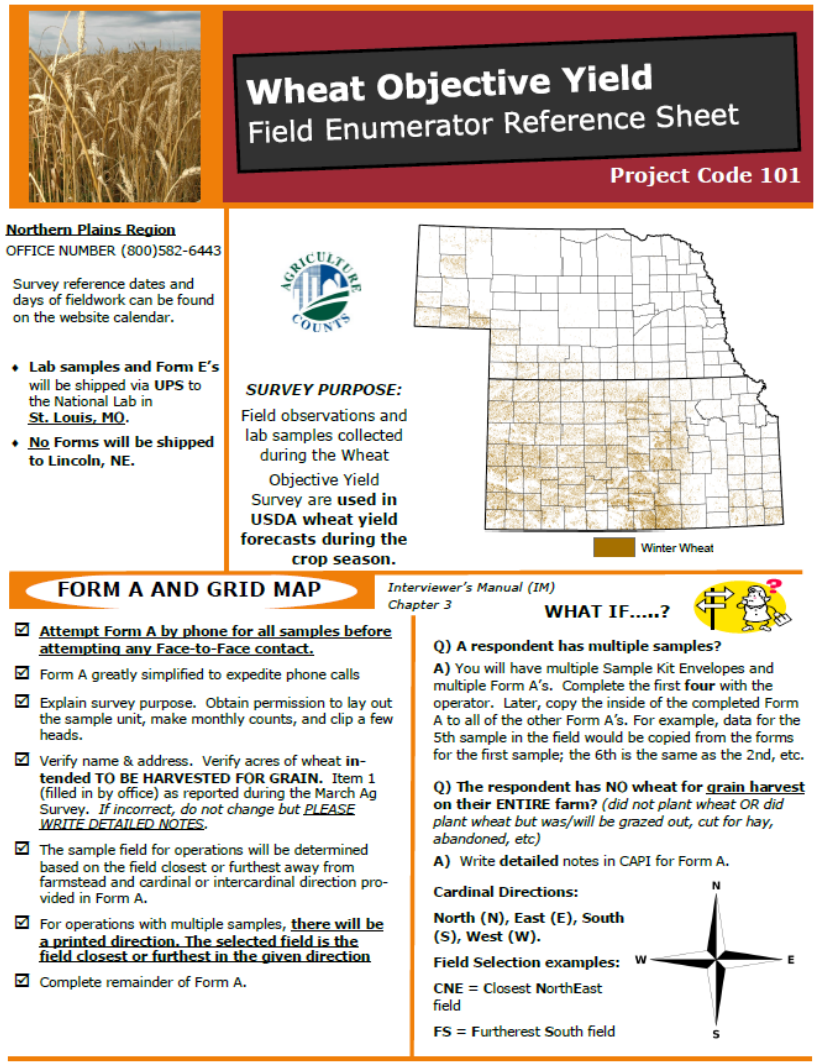
- All samples must be sent the day of or the morning after they are collected
- Good Shipping Procedures
  - Reduce transit time
  - Preserve sample quality
- Remember to include an ID tag for both units
  - If only one unit being shipped, send second loose ID tag with explanation for absence (lost to harvest, not planted, drowned out, blank area, etc.)

# Shipping - continued

- Shipped UPS Next Day Air
  - Samples should be taken to an official UPS drop off location or UPS store
  - Also have the option for home pickup
    - See “2025 Objective Yield UPS Procedures” on Website
- Record the tracking number for each sample:
  - Form B – paper version & in CAPI
  - Form B is your backup recording sheet

# Field Enumerator Reference Sheet

- Covers school topics
- Useful for reminders and instructions
  - Filling out forms
  - Assembling units
  - Special situations
  - Fieldwork and due dates
  - Wheat growth stages (Maturity codes)
  - Form B Status Codes
  - Shipping procedures
  - Manual pages to reference if needed
  - And more!



**Wheat Objective Yield**
Field Enumerator Reference Sheet
**Project Code 101**

**Northern Plains Region**
OFFICE NUMBER (800)582-6443

Survey reference dates and days of fieldwork can be found on the website calendar.

- **Lab samples and Form E's** will be shipped via **UPS** to the National Lab in **St. Louis, MO**.
- **No Forms will be shipped to Lincoln, NE.**

***SURVEY PURPOSE:***
Field observations and lab samples collected during the Wheat Objective Yield Survey are **used in USDA wheat yield forecasts during the crop season.**

Winter Wheat

**FORM A AND GRID MAP**

*Interviewer's Manual (IM) Chapter 3*

- ☑ **Attempt Form A by phone for all samples before attempting any Face-to-Face contact.**
- ☑ Form A greatly simplified to expedite phone calls
- ☑ Explain survey purpose. Obtain permission to lay out the sample unit, make monthly counts, and clip a few heads.
- ☑ Verify name & address. Verify acres of wheat **intended TO BE HARVESTED FOR GRAIN.** Item 1 (filled in by office) as reported during the March Ag Survey. *If incorrect, do not change but PLEASE WRITE DETAILED NOTES.*
- ☑ The sample field for operations will be determined based on the field closest or furthest away from farmstead and cardinal or intercardinal direction provided in Form A.
- ☑ For operations with multiple samples, **there will be a printed direction. The selected field is the field closest or furthest in the given direction**
- ☑ Complete remainder of Form A.

**WHAT IF.....?**

**Q) A respondent has multiple samples?**
**A)** You will have multiple Sample Kit Envelopes and multiple Form A's. Complete the first **four** with the operator. Later, copy the inside of the completed Form A to all of the other Form A's. For example, data for the 5th sample in the field would be copied from the forms for the first sample; the 6th is the same as the 2nd, etc.

**Q) The respondent has NO wheat for grain harvest on their ENTIRE farm?** *(did not plant wheat OR did plant wheat but was/will be grazed out, cut for hay, abandoned, etc)*
**A)** Write **detailed** notes in CAPI for Form A.

**Cardinal Directions:**
**North (N), East (E), South (S), West (W).**
**Field Selection examples:**
**CNE** = Closest NorthEast field
**FS** = Furtherest South field

# Quiz Review

14) If unit one maturity code is 2 and unit two maturity code is 3, you would start counts for unit two with _____ on the Form B.

(a) Item 7 (b) Item 8 (c) Item 9a (d) Item 9b

# Questions & Comments

# Workshop Evaluation

- Please complete the workshop evaluation at the following link:
- https://tinyurl.com/WOYeval25